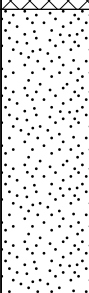
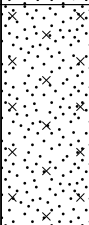
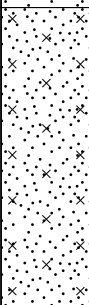
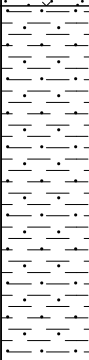


# BOREHOLE LOG

|                                       |  |                        |                           |  |                                                         |                        |                      |  |
|---------------------------------------|--|------------------------|---------------------------|--|---------------------------------------------------------|------------------------|----------------------|--|
| Contract: <b>EAF Meltshop Project</b> |  |                        | Client: <b>TATA Steel</b> |  |                                                         | Borehole: <b>BH304</b> |                      |  |
| Contract Ref: <b>315531</b>           |  | Start: <b>25.07.24</b> | Ground Level: <b>8.42</b> |  | National Grid Co-ordinate: <b>E:277232.9 N:186644.3</b> |                        | Sheet: <b>1 of 9</b> |  |
|                                       |  | End: <b>09.08.24</b>   |                           |  |                                                         |                        |                      |  |

| Depth (m)                 | Samples & Testing |                |          | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                    | Fracture Log | Depth (Thickness)      | Material Graphic Legend                                                               |
|---------------------------|-------------------|----------------|----------|----------------|---------|---------|---------|----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|---------------------------------------------------------------------------------------|
|                           | No                | Type           | Results  | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                          |              |                        |                                                                                       |
| 0.50<br>0.50              | 1                 | ES<br>PID      | 0.0ppm   |                |         |         |         |                            |       | ASPHALT<br>MADE GROUND. Dark brown gravelly fine to coarse SAND. Gravel is angular fine to coarse of slag and roadstone. |              | 0.10<br>(0.50)<br>0.60 |    |
| 1.00<br>1.00              | 2                 | ES<br>PID      | 0.0ppm   |                |         |         |         |                            |       | Loose yellow brown fine to medium SAND. (Blown Sand)                                                                     |              | (1.90)                 |    |
| 1.70-2.00                 | 1                 | B              |          |                |         |         |         |                            |       | . . . Becomes brown from 1.70m bgl.                                                                                      |              | 2.50                   |                                                                                       |
| 2.00-2.45                 | 20                | SPT(c)         | N=6      |                |         |         |         |                            |       |                                                                                                                          |              |                        |                                                                                       |
| 2.50-3.00<br>2.50<br>2.50 | 2<br>3            | B<br>ES<br>PID | 0.0ppm   |                |         |         |         |                            |       | Loose brown silty fine to coarse SAND. (Tidal Flat Deposits)                                                             |              | (1.50)                 |   |
| 3.00-3.45<br>3.20-4.00    | 21<br>3           | SPT(c)<br>B    | N=6      |                |         |         |         |                            |       | . . . Becomes greyish brown from 3.50m bgl.                                                                              |              | 4.00                   |                                                                                       |
| 4.00-4.45                 | 22                | SPT(c)         | N=6      |                |         |         |         |                            |       | Loose dark greenish grey silty fine to coarse SAND. (Tidal Flat Deposits)                                                |              | (2.00)                 |  |
| 4.50-5.00                 | 4                 | B              |          |                |         |         |         |                            |       |                                                                                                                          |              | 6.00                   |                                                                                       |
| 5.00-5.45                 | 23                | SPT(c)         | N=4      |                |         |         |         |                            |       |                                                                                                                          |              |                        |                                                                                       |
| 5.50-6.00                 | 5                 | B              |          |                |         |         |         |                            |       |                                                                                                                          |              |                        |                                                                                       |
| 6.00-6.45                 | 24                | SPT(c)         | N=2      |                |         |         |         |                            |       | Very soft greyish brown sandy CLAY. Sand is fine to coarse. (Tidal Flat Deposits)                                        |              | (2.50)                 |  |
| 7.00-7.50                 | 6                 | B              |          |                |         |         |         |                            |       |                                                                                                                          |              | 8.50                   |                                                                                       |
| 7.50-7.95                 | 7                 | U              | 40 blows |                |         |         |         |                            |       |                                                                                                                          |              | (0.50)                 |  |
| 8.50-9.00                 | 8                 | B              |          |                |         |         |         |                            |       | Soft grey clayey SILT. (Tidal Flat Deposits)                                                                             |              | 9.00                   |                                                                                       |

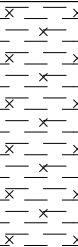
| Boring Progress and Water Observations              |      |                |              |                        |             | Chiselling / Slow Progress                    |    |                  | General Remarks                                                                                                                                                                                                        |
|-----------------------------------------------------|------|----------------|--------------|------------------------|-------------|-----------------------------------------------|----|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                          | To | Duration (hh:mm) |                                                                                                                                                                                                                        |
|                                                     |      |                |              |                        |             |                                               |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 1.60m depth. 300mm diameter pipe installed prior to backfilling to allow cable percussive drilling to commence. |
| Method Used: <b>Cable Percussion + Rotary Cored</b> |      |                |              |                        |             | Plant Used: <b>CPT Rig + Dando 2000Fraste</b> |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                                            |
| Drilled By: <b>CJA</b>                              |      |                |              |                        |             | Logged By: <b>Jagan Raj + KBancroft</b>       |    |                  | Checked By:  <b>AGS</b>                                                                                                           |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH304</b>  |
| Contract Ref:               | Start: <b>25.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>09.08.24</b>   | <b>8.42</b>       | <b>E:277232.9 N:186644.3</b> | <b>2 of 9</b> |

| Depth<br>(m)               | Samples & Testing |          |          | Mechanical Log |            |            |            | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                | Fracture<br>Log | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |  |
|----------------------------|-------------------|----------|----------|----------------|------------|------------|------------|---------------------------------|-------|--------------------------------------------------------------------------------------|-----------------|---------------------------|-------------------------------|--|
|                            | No                | Type     | Results  | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                                 |       |                                                                                      |                 |                           |                               |  |
| 9.00-9.45<br>9.00-9.45     | 9<br>25           | D<br>SPT | N=7      |                |            |            |            |                                 |       | Loose grey silty fine to medium SAND.<br>(Tidal Flat Deposits)                       |                 |                           |                               |  |
| 10.00-10.50                | 10                | B        | 17 blows |                |            |            |            |                                 |       |                                                                                      |                 | (2.50)                    |                               |  |
| 10.50-10.95                | 11                | U        |          |                |            |            |            |                                 |       |                                                                                      |                 |                           | 11.50                         |  |
| 11.70-12.00                | 12                | B        |          |                |            |            |            |                                 |       |                                                                                      |                 | (0.50)                    |                               |  |
| 12.00-12.45<br>12.00-12.45 | 13<br>26          | D<br>SPT | N=21     |                |            |            |            |                                 |       | Firm dark brown fibrous PEAT.<br>Moderate organic odour. (Tidal Flat<br>Deposits)    |                 | 12.00                     |                               |  |
| 12.80-13.50                | 14                | B        | 10 blows |                |            |            |            |                                 |       | Soft to firm grey silty CLAY. Occasional<br>peat fragments.<br>(TIDAL FLAT DEPOSITS) |                 |                           |                               |  |
| 13.50-13.95                | 15                | U        |          |                |            |            |            |                                 |       |                                                                                      |                 |                           | (2.00)                        |  |
| 13.95-14.05                | 16                | D        |          |                |            |            |            |                                 |       |                                                                                      |                 |                           | 14.00                         |  |
| 14.50-15.00                | 17                | B        | N=4      |                |            |            |            |                                 |       | Very soft grey silty CLAY.<br>(TIDAL FLAT DEPOSITS)                                  |                 |                           |                               |  |
| 15.00-15.45<br>15.00-15.45 | 18<br>27          | D<br>SPT |          |                |            |            |            |                                 |       |                                                                                      |                 |                           |                               |  |
| 16.00-16.50                | 19                | B        |          |                |            |            |            |                                 |       |                                                                                      |                 |                           |                               |  |
| 16.50-16.95                | 20                | U        | 17 blows |                |            |            |            |                                 |       |                                                                                      |                 | (5.70)                    |                               |  |
| 17.50-18.00                | 21                | B        |          |                |            |            |            |                                 |       |                                                                                      |                 |                           |                               |  |

| Boring Progress and Water Observations |                                 |                |              |                        |                            | Chiselling / Slow Progress |             |                  | General Remarks          |                       |             |                                                                                           |
|----------------------------------------|---------------------------------|----------------|--------------|------------------------|----------------------------|----------------------------|-------------|------------------|--------------------------|-----------------------|-------------|-------------------------------------------------------------------------------------------|
| Date                                   | Time                            | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth                | From                       | To          | Duration (hh:mm) |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  | All dimensions in metres | Scale: 1:50           |             |                                                                                           |
| Method Used:                           | Cable Percussion + Rotary Cored |                |              | Plant Used:            | CPT Rig + Dando 2000Fraste |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj + KBancroft | Checked By: |  AGS |

|                                          |  |                                                |                              |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH304</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>25.07.24</b><br>End: <b>09.08.24</b> | Ground Level:<br><b>8.42</b> | National Grid Co-ordinate:<br><b>E:277232.9 N:186644.3</b> | Sheet:<br><b>3 of 9</b>   |

| Depth<br>(m) | Samples & Testing |        |         | Mechanical Log |            |            |            | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                   | Fracture<br>Log | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                         |
|--------------|-------------------|--------|---------|----------------|------------|------------|------------|---------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------|---------------------------------------------------------------------------------------|
|              | No                | Type   | Results | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                                 |       |                                                                                                                                                                                         |                 |                           |                                                                                       |
| 18.00-18.45  | 12                | SPT    | N=4     |                |            |            |            |                                 |       | Very soft grey silty CLAY.<br>(TIDAL FLAT DEPOSITS)<br><i>(stratum copied from 14.00m from previous sheet)</i>                                                                          |                 |                           |    |
| 18.00-18.45  | 22                | D      |         |                |            |            |            |                                 |       |                                                                                                                                                                                         |                 |                           |                                                                                       |
| 18.80-19.50  | 23                | B      |         |                |            |            |            |                                 |       | . . . Becomes greyish brown between 18.80m and 19.50m bgl.                                                                                                                              |                 |                           |    |
| 19.50-19.95  | 13                | SPT(c) | N=36    |                |            |            |            |                                 |       | Dense grey brown fine to coarse SAND.                                                                                                                                                   |                 | 19.70                     |    |
| 19.70-20.20  | 24                | B      |         |                |            |            |            |                                 |       |                                                                                                                                                                                         |                 | (0.60)                    |                                                                                       |
| 20.30-21.00  | 25                | B      |         |                |            |            |            |                                 |       | Dense grey brown subrounded to rounded coarse GRAVEL of mudstone.<br>(Weathered South Wales Middle Coal Measures)                                                                       |                 | 20.30                     |   |
| 21.00-21.45  | 14                | SPT(c) | N=30    |                |            |            |            |                                 |       |                                                                                                                                                                                         |                 | (3.10)                    |                                                                                       |
| 22.00-22.50  | 26                | B      |         |                |            |            |            |                                 |       |                                                                                                                                                                                         |                 |                           |                                                                                       |
| 22.50-22.95  | 15                | SPT(c) | N=38    |                |            |            |            |                                 |       |                                                                                                                                                                                         |                 |                           |                                                                                       |
| 23.40-24.00  | 27                | B      |         |                |            |            |            |                                 |       | Dense brown clayey subrounded COBBLES of mudstone. (Weathered South Wales Middle Coal Measures)                                                                                         |                 | 23.40                     |  |
| 24.00-24.45  | 20                | SPT(c) | N=34    |                |            |            |            |                                 |       |                                                                                                                                                                                         |                 | (2.10)                    |                                                                                       |
| 25.00-25.50  | 28                | B      |         |                |            |            |            |                                 |       |                                                                                                                                                                                         |                 |                           |                                                                                       |
| 25.50-25.95  | 19                | SPT(c) | N=44    |                |            |            |            |                                 |       | Dense brown slightly sandy slightly gravelly COBBLES of mudstone. Sand is fine to coarse. Gravel is subrounded fine to coarse of mudstone. (Weathered South Wales Middle Coal Measures) |                 | 25.50                     |  |
| 26.50-27.00  | 29                | B      |         |                |            |            |            |                                 |       |                                                                                                                                                                                         |                 |                           |                                                                                       |

| Boring Progress and Water Observations |                                 |                |              |                        |                            | Chiselling / Slow Progress |             |                  | General Remarks          |                       |             |                                                                                           |
|----------------------------------------|---------------------------------|----------------|--------------|------------------------|----------------------------|----------------------------|-------------|------------------|--------------------------|-----------------------|-------------|-------------------------------------------------------------------------------------------|
| Date                                   | Time                            | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth                | From                       | To          | Duration (hh:mm) |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  | All dimensions in metres | Scale: 1:50           |             |                                                                                           |
| Method Used:                           | Cable Percussion + Rotary Cored |                |              | Plant Used:            | CPT Rig + Dando 2000Fraste |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj + KBancroft | Checked By: |  AGS |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH304</b>  |
| Contract Ref:               | Start: <b>25.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>09.08.24</b>   | <b>8.42</b>       | <b>E:277232.9 N:186644.3</b> | <b>4 of 9</b> |

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The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk. | 30/01/25 - 14:47 | JB17 |

| Boring Progress and Water Observations |      |                                 |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |            |                       |             |                                                                                       |                                                                                       |
|----------------------------------------|------|---------------------------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|------------|-----------------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth                  | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |            |                       |             |                                                                                       |                                                                                       |
|                                        |      |                                 |              |                        |             |                            |    |                  |                 |            |                       |             |                                                                                       |                                                                                       |
| Method Used:                           |      | Cable Percussion + Rotary Cored |              | Plant Used:            |             | CPT Rig + Dando 2000Fraste |    | Drilled By:      | CJA             | Logged By: | Jagan Raj + KBancroft | Checked By: |  |  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH304</b>  |
| Contract Ref:               | Start: <b>25.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>09.08.24</b>   | <b>8.42</b>       | <b>E:277232.9 N:186644.3</b> | <b>5 of 9</b> |

| Depth<br>(m)               | Samples & Testing |        |         | Mechanical |            |            | Log                      | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                                                                                             | Fracture<br>Log | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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|----------------------------|-------------------|--------|---------|------------|------------|------------|--------------------------|---------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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|                            | No                | Type   | Results | TCR<br>(%) | SCR<br>(%) | RQD<br>(%) | If<br>(mm)               |                                 |       |                                                                                                                                                                                                                                                                   |                 |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 37.30-38.50<br>37.30-37.30 | 3                 | SPT(c) | NP      | 93         | 40         | 13         | 12<br>60<br>200<br>FI=16 |                                 |       | Medium strong unweathered brownish grey SILTSTONE/MUDSTONE. Frequent angular fine to coarse fossilised organic matter inclusions. (stratum copied from 35.50m from previous sheet) . . . Fossilised organic matter inclusions no longer present below 36.70m bgl. | 6               | (6.30)                    | 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| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH304</b>  |
| Contract Ref:               | Start: <b>25.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>09.08.24</b>   | <b>8.42</b>       | <b>E:277232.9 N:186644.3</b> | <b>6 of 9</b> |

| Depth<br>(m)               | Samples & Testing |        |         | Mechanical Log |            |            |                           | Backfill & Instru-<br>mentation                                                                                                  | Water                                                                                                                                                                                                                                                                                                                                    | Description of Strata | Fracture<br>Log | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|----------------------------|-------------------|--------|---------|----------------|------------|------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|---------------------------|-------------------------------|
|                            | No                | Type   | Results | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm)                |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                          |                       |                 |                           |                               |
| 46.30-47.80<br>46.30-46.30 | 11                | SPT(c) | NP      | 97             | 16         | 16         | 30<br>240<br>FI=8         |                                                                                                                                  | Very weak unweathered to partially unweathered black COAL.<br>(stratum copied from 44.40m from previous sheet)                                                                                                                                                                                                                           | 12                    | (1.40)          |                           |                               |
|                            |                   |        |         | 45.80          |            |            |                           |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                          |                       |                 |                           |                               |
| 47.80-49.30                | 6                 | SPT(c) | NP      | 100            | 78         | 69         | 30<br>140<br>180<br>FI=12 |                                                                                                                                  | Moderately weak to medium strong partially weathered to distinctly weathered dark grey MUDSTONE. Frequent angular fine to coarse fossilised organic matter inclusions.<br>... Becomes very strong and unweathered from 46.30m bgl.<br>... Frequent subrounded to rounded coarse fine sandstone inclusions between 46.80m and 47.40m bgl. | 13                    | (5.00)          |                           |                               |
|                            |                   |        |         | 14[i]          |            |            |                           |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                          |                       |                 |                           |                               |
| 49.30-50.80<br>49.30-49.30 | 6                 | SPT(c) | NP      | 100            | 93         | 84         | 210<br>300<br>FI=8        |                                                                                                                                  | ... Becomes very weak to moderately weak at 47.8m bgl.                                                                                                                                                                                                                                                                                   | 14[i]                 | (5.00)          |                           |                               |
|                            |                   |        |         | 15[i]          |            |            |                           |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                          |                       |                 |                           |                               |
| 50.80-52.30                | 6                 | SPT(c) | NP      | 92             | 30         | 30         | 38<br>FI=10               |                                                                                                                                  | ... Becomes moderately strong at 50.2mbgl                                                                                                                                                                                                                                                                                                | 15[i]                 | 50.80           |                           |                               |
|                            |                   |        |         | 16[i]          |            |            |                           |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                          |                       |                 |                           |                               |
| 52.30-53.80<br>52.30-52.30 | 7                 | SPT(c) | NP      | 100            | 83         | 73         | 60<br>400<br>220<br>FI=10 |                                                                                                                                  | Moderately weak unweathered to partially unweathered black organic MUDSTONE.                                                                                                                                                                                                                                                             | 16[i]                 | 51.60           |                           |                               |
|                            |                   |        |         | 17             |            |            |                           |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                          |                       |                 |                           |                               |
| 53.80-55.30                | 7                 | SPT(c) | NP      | 100            | 71         | 59         | 10<br>25<br>FI=4          | Moderately weak to medium strong unweathered to partially unweathered interbedded organic MUDSTONE and fine SANDSTONE/SILTSTONE. | 17                                                                                                                                                                                                                                                                                                                                       | (3.70)                |                 |                           |                               |
|                            |                   |        |         |                |            |            |                           |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                          |                       |                 |                           |                               |

| Boring Progress and Water Observations |                                 |                |              |                        |                            | Chiselling / Slow Progress |             |                  | General Remarks          |                       |             |                                                                                           |
|----------------------------------------|---------------------------------|----------------|--------------|------------------------|----------------------------|----------------------------|-------------|------------------|--------------------------|-----------------------|-------------|-------------------------------------------------------------------------------------------|
| Date                                   | Time                            | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth                | From                       | To          | Duration (hh:mm) |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  | All dimensions in metres | Scale: 1:50           |             |                                                                                           |
| Method Used:                           | Cable Percussion + Rotary Cored |                |              | Plant Used:            | CPT Rig + Dando 2000Fraste |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj + KBancroft | Checked By: |  AGS |

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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH304</b>  |
| Contract Ref:               | Start: <b>25.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>09.08.24</b>   | <b>8.42</b>       | <b>E:277232.9 N:186644.3</b> | <b>7 of 9</b> |

| Depth<br>(m) | Samples & Testing |        |         | Mechanical Log     |                                                     |            |                          | Backfill & Instru-<br>mentation                                                                        | Water | Description of Strata                                                                                                                                                                | Fracture<br>Log | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |
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|              | No                | Type   | Results | TCR<br>(%)         | SCR<br>(%)                                          | RQD<br>(%) | If<br>(mm)               |                                                                                                        |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |
| 55.30-56.80  | 8                 | SPT(c) | NP      | 100                | 66                                                  | 45         | 130<br>150<br>FI=8       |                                                                                                        |       | Moderately weak to medium strong unweathered to partially unweathered interbedded organic MUDSTONE and fine SANDSTONE/SILTSTONE.<br>(stratum copied from 51.60m from previous sheet) | 18[i]           | 55.30                     |                               |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |
| 55.30-55.30  |                   |        |         | ▲                  | ▲                                                   | ▲          | ▲                        |                                                                                                        |       | Very weak to moderately weak unweathered to distinctly weathered dark grey MUDSTONE.                                                                                                 |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |
| 56.80-58.30  |                   |        |         | 100                | 50                                                  | 20         | 130<br>210<br>FI=8       |                                                                                                        |       |                                                                                                                                                                                      |                 |                           |                               | . . . Rare rounded fine to coarse fossilised organic matter inclusions between 58.3-58.6mbgl |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |
|              |                   |        |         | ▲                  | ▲                                                   | ▲          | ▲                        |                                                                                                        |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  | Very weak to weak unweathered to partially unweathered dark grey to black MUDSTONE. Frequent angular fine to coarse fossilised organic matter inclusions. |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |
| 58.30-59.80  |                   |        |         | 93                 | 86                                                  | 71         | 1900<br>200<br>FI=10     |                                                                                                        |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  | 19[j]                                                                                                                                                     | (4.50) |  |                                                                                                                                                           |       |
|              |                   |        |         | ▲                  | ▲                                                   | ▲          | ▲                        |                                                                                                        |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  | Very weak to weak unweathered to partially unweathered dark grey to black MUDSTONE. Frequent angular fine to coarse fossilised organic matter inclusions. |        |  |                                                                                                                                                           |       |
| 59.80-61.30  |                   |        |         | 64                 | 38                                                  | 8          | 30<br>50<br>120<br>FI=15 |                                                                                                        |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  | 20                                                                                                                                                        | 59.80 |
|              |                   |        |         | ▲                  | ▲                                                   | ▲          | ▲                        |                                                                                                        |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  | Very weak to weak unweathered to partially unweathered dark grey to black MUDSTONE. Frequent angular fine to coarse fossilised organic matter inclusions. |       |
| 61.30-62.80  | 93                | 60     | 53      | 200<br>200<br>FI=5 | 21[j]                                               |            |                          |                                                                                                        |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |
|              | ▲                 | ▲      | ▲       | ▲                  | . . . Becomes destructured between 61.30-61.45m bgl |            |                          |                                                                                                        |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |
| 62.30-64.30  | 93                | 43     | 26      | 290<br>FI=10       |                                                     |            |                          | 22[j]                                                                                                  |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |
|              | ▲                 | ▲      | ▲       | ▲                  |                                                     |            |                          | . . . Becomes moderately weak with frequent coarse rounded inclusions of brown SILTSTONE at 62.5m bgl. |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |
|              | 73                | 47     | 25      | 90<br>180<br>FI=6  |                                                     |            |                          |                                                                                                        |       |                                                                                                                                                                                      |                 |                           |                               |                                                                                              |  |                                                                                                                                                           |  |                                                                                                                                                           |        |  |                                                                                                                                                           |       |

| Boring Progress and Water Observations |                                 |                |              |                        |                            | Chiselling / Slow Progress |             |                  | General Remarks          |                       |             |                                                                                           |
|----------------------------------------|---------------------------------|----------------|--------------|------------------------|----------------------------|----------------------------|-------------|------------------|--------------------------|-----------------------|-------------|-------------------------------------------------------------------------------------------|
| Date                                   | Time                            | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth                | From                       | To          | Duration (hh:mm) |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  | All dimensions in metres | Scale: 1:50           |             |                                                                                           |
| Method Used:                           | Cable Percussion + Rotary Cored |                |              | Plant Used:            | CPT Rig + Dando 2000Fraste |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj + KBancroft | Checked By: |  AGS |

# BOREHOLE LOG

|                                          |  |                                                |                              |  |                                                            |                           |                         |  |
|------------------------------------------|--|------------------------------------------------|------------------------------|--|------------------------------------------------------------|---------------------------|-------------------------|--|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |  |                                                            | Borehole:<br><b>BH304</b> |                         |  |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>25.07.24</b><br>End: <b>09.08.24</b> | Ground Level:<br><b>8.42</b> |  | National Grid Co-ordinate:<br><b>E:277232.9 N:186644.3</b> |                           | Sheet:<br><b>8 of 9</b> |  |

| Depth (m)   | Samples & Testing |      |         | Mechanical Log |         |         |                        | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                | Fracture Log | Depth (Thick ness) | Material Graphic Legend |
|-------------|-------------------|------|---------|----------------|---------|---------|------------------------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|-------------------------|
|             | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm)                |                            |       |                                                                                                                                                                                                                      |              |                    |                         |
| 64.30-65.80 |                   |      |         | 73             | 47      | 25      | 90<br>180<br>FI=6      |                            |       | Very weak to weak unweathered to partially unweathered dark grey to black MUDSTONE. Frequent angular fine to coarse fossilised organic matter inclusions.<br><i>(stratum copied from 59.80m from previous sheet)</i> |              | (7.95)             |                         |
| 65.80-67.30 |                   |      |         | 92             | 64      | 42      | 50<br>200<br>FI=10     |                            |       | ... Becomes medium strong to strong with occasional thick bands of brown siltstone at 64.30.m bgl.                                                                                                                   | 23[i]        |                    |                         |
| 67.30-68.80 |                   |      |         | 100            | 80      | 56      | 60<br>240<br>FI=10     |                            |       | ... Band of medium strong fine SANDSTONE between 66.0-66.15mbgl<br>... Very thin band of COAL between 66.480-66.485m bgl.<br>... Band of medium strong fine SANDSTONE between 67.10-67.25mbgl.                       | 24[i]        |                    |                         |
| 68.80-70.30 |                   |      |         | 86             | 71      | 53      | 140<br>150<br>FI=11    |                            |       | Very weak unweathered to partially unweathered black COAL.<br>Very weak to weak distinctly weathered grey MUDSTONE.<br>Rare patches of brown oxidation/surface staining between 68.80m - 69.9m bgl                   | 25[i]        | 67.75<br>68.00     |                         |
| 70.30-71.80 |                   |      |         | 100            | 100     | 92      | 25<br>40<br>80<br>FI=4 |                            |       | Moderately weak unweathered to partially unweathered brownish grey SILTSTONE AND FINE SANDTONE.<br>... Occasional patches of brown oxidation/surface staining between 70.9-71.3m bgl                                 | 26           | 69.90              | x x x x                 |
| 71.80-73.30 |                   |      |         | 93             | 80      | 80      | 200<br>200<br>FI=7     |                            |       | Description on next sheet                                                                                                                                                                                            | 27           | (3.40)             | x x x x                 |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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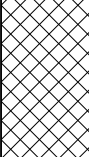
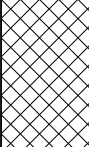
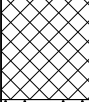
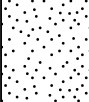
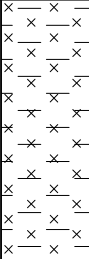
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|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH304</b>  |
| Contract Ref:               | Start: <b>25.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>09.08.24</b>   | <b>8.42</b>       | <b>E:277232.9 N:186644.3</b> | <b>9 of 9</b> |

| Depth<br>(m)               | Samples & Testing |        |         | Mechanical Log |            |            |                                | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                                                                                                      | Fracture<br>Log | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                                              |
|----------------------------|-------------------|--------|---------|----------------|------------|------------|--------------------------------|---------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------|------------------------------------------------------------------------------------------------------------|
|                            | No                | Type   | Results | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm)                     |                                 |       |                                                                                                                                                                                                                                                                            |                 |                           |                                                                                                            |
| 73.30-74.80<br>73.30-73.30 | 4                 | SPT(c) | NP      | 100<br>↓       | 99<br>↓    | 99<br>↓    | 120<br>200<br>260<br>FI=5<br>↓ |                                 |       | Rare inclusions of angular to rounded fine to coarse fossilised organic matter inclusions between 71.80-73.3<br>Moderately weak unweathered to partially unweathered brownish grey SILTSTONE AND FINE SANDTONE.<br><i>(stratum copied from 69.90m from previous sheet)</i> | 28[i]           | 73.30                     | x x x x<br>x x x x<br>x x x x<br>x x x x<br>x x x x<br>x x x x<br>x x x x<br>x x x x<br>x x x x<br>x x x x |
| 74.80-74.80                |                   |        |         | 5              | SPT(c)     | NP         | 83<br>↓                        |                                 |       |                                                                                                                                                                                                                                                                            |                 | 83<br>↓                   |                                                                                                            |
|                            |                   |        |         |                |            |            |                                |                                 |       | Terminated at 74.8mbgl                                                                                                                                                                                                                                                     |                 |                           |                                                                                                            |

| Boring Progress and Water Observations |                                 |                |              |                        |                            | Chiselling / Slow Progress |             |                  | General Remarks          |                       |             |                                                                                           |
|----------------------------------------|---------------------------------|----------------|--------------|------------------------|----------------------------|----------------------------|-------------|------------------|--------------------------|-----------------------|-------------|-------------------------------------------------------------------------------------------|
| Date                                   | Time                            | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth                | From                       | To          | Duration (hh:mm) |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  |                          |                       |             |                                                                                           |
|                                        |                                 |                |              |                        |                            |                            |             |                  | All dimensions in metres | Scale: 1:50           |             |                                                                                           |
| Method Used:                           | Cable Percussion + Rotary Cored |                |              | Plant Used:            | CPT Rig + Dando 2000Fraste |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj + KBancroft | Checked By: |  AGS |

# BOREHOLE LOG

|                                       |                                                |                          |                                       |                      |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------|----------------------|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>             |                      | Borehole: <b>BH305</b> |
| Contract Ref: <b>315531</b>           | Start: <b>23.08.24</b><br>End: <b>02.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>---</b> | Sheet: <b>1 of 4</b> |                        |

| Depth (m) | Samples & Testing |        |          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                   | Depth (Thickness) | Material Graphic Legend                                                               |
|-----------|-------------------|--------|----------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|
|           | No                | Type   | Results  |                            |       |                                                                                                                                                                                                         |                   |                                                                                       |
| 0.50-1.00 | 1                 | B      |          |                            |       | Strong grey CONCRETE. 75% aggregate of angular to subrounded fine to coarse flint. Approximately 2 to 3% small voids.                                                                                   | 0.30              |    |
| 0.50      | 1                 | ES     |          |                            |       | MADE GROUND: dark brownish grey gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse slag, roadstone, mudstone, rare scrap metal, rare glass and rare brick. (Fill Material) | (1.20)            |    |
| 1.50-2.00 | 2                 | B      |          |                            |       | MADE GROUND: brownish grey silty subangular to subrounded fine to coarse GRAVEL and angular COBBLES of slag. (Fill Material)                                                                            | 1.50<br>(1.00)    |    |
| 2.50      | 2                 | ES     |          |                            |       | MADE GROUND: greyish brown sandy COBBLES of subrounded weak cemented sandstone and slag. Sand is fine to medium. (Fill Material)                                                                        | 2.50              |    |
| 2.50-3.00 | 3                 | B      |          |                            |       | ... Cobble of silver subrounded high density slag recovered at 2.9m bgl.                                                                                                                                | (0.70)            |   |
| 3.50      | 3                 | ES     |          |                            |       | Loose becoming very loose greyish brown slightly clayey silty SAND. Sand is fine to medium. (Tidal Flat Deposits)                                                                                       | 3.20              |  |
| 3.50-4.00 | 4                 | B      |          |                            |       |                                                                                                                                                                                                         |                   |                                                                                       |
| 4.00-4.45 | 1                 | SPT(c) | N=7      |                            |       |                                                                                                                                                                                                         |                   |                                                                                       |
| 4.50-5.00 | 5                 | B      |          |                            |       |                                                                                                                                                                                                         |                   |                                                                                       |
| 5.00-5.45 | 2                 | SPT(c) | N=6      |                            |       |                                                                                                                                                                                                         |                   |                                                                                       |
| 5.50      | 4                 | ES     |          |                            |       | ... Becoming dark grey below 5.5m.                                                                                                                                                                      |                   |                                                                                       |
| 5.50-6.00 | 6                 | B      |          |                            |       |                                                                                                                                                                                                         |                   |                                                                                       |
| 6.00-6.45 | 3                 | SPT(c) | N=2      |                            |       |                                                                                                                                                                                                         |                   |                                                                                       |
| 6.50-7.50 | 7                 | B      |          |                            |       |                                                                                                                                                                                                         |                   |                                                                                       |
| 7.50-7.95 | 8                 | U      | 14 blows |                            |       | Soft grey slightly sandy silty organic CLAY with rare veins of reddish brown fibrous plant matter (<2mm thickness). Sand is fine. (Tidal Flat Deposits)                                                 | 6.70<br>(1.80)    |  |
| 8.50-9.00 | 9                 | B      |          |                            |       | Soft brownish grey clayey SILT with a moderate organic odour. (Tidal Flat Deposits)                                                                                                                     | 8.50              |  |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress    |    |                  | General Remarks                                                                                                                                                                                       |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|-------------------------------|----|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                          | To | Duration (hh:mm) |                                                                                                                                                                                                       |
|                                        |      |                |              |                        |             |                               |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 2.43m depth.<br>3. Concrete cored (23/08/24). Borehole advanced with cable percussion (27/08/24). |
| Method Used: <b>Cable Percussion</b>   |      |                |              |                        |             | Plant Used: <b>Dando 4000</b> |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                           |
| Drilled By: <b>CJA</b>                 |      |                |              |                        |             | Logged By: <b>Jagan Raj</b>   |    |                  | Checked By:  <b>AGS</b>                                                                                          |

|                                          |                                                |                              |                                          |                           |
|------------------------------------------|------------------------------------------------|------------------------------|------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |                                                | Client:<br><b>TATA Steel</b> |                                          | Borehole:<br><b>BH305</b> |
| Contract Ref:<br><b>315531</b>           | Start: <b>23.08.24</b><br>End: <b>02.09.24</b> | Ground Level:<br><b>---</b>  | National Grid Co-ordinate:<br><b>---</b> | Sheet:<br><b>2 of 4</b>   |

LIBRARY\_V10\_01.GLB LibVersion: v8.07.001 PrjVersion: v8.07 | Log COMPOSITE LOG - A4P | 315531 PORT TALBOT.GPJ - v10\_01.  
The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk. 30/01/25 - 14:48 JB17

| Boring Progress and Water Observations |      |                  |              |                        |             | Chiselling / Slow Progress                                                            |    |                                                                                       | General Remarks |     |  |
|----------------------------------------|------|------------------|--------------|------------------------|-------------|---------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|-----------------|-----|--|
| Date                                   | Time | Borehole Depth   | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                                                                  | To | Duration (hh:mm)                                                                      |                 |     |  |
|                                        |      |                  |              |                        |             |                                                                                       |    |                                                                                       |                 |     |  |
| Method Used:                           |      | Cable Percussion |              | Plant Used:            |             | Dando 4000                                                                            |    | Drilled By:                                                                           |                 | CJA |  |
| Logged By:                             |      | Jagan Raj        |              | Checked By:            |             |  |    |  |                 |     |  |

# BOREHOLE LOG

|                                       |                                                |                          |                                       |                      |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------|----------------------|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>             |                      | Borehole: <b>BH305</b> |
| Contract Ref: <b>315531</b>           | Start: <b>23.08.24</b><br>End: <b>02.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>---</b> | Sheet: <b>3 of 4</b> |                        |

| Depth (m)   | Samples & Testing |        |                        | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                       | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|--------|------------------------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type   | Results                |                            |       |                                                                                                                                                                                                                                                             |                   |                         |
| 18.00-18.45 | 6                 | SPT(c) | N=32                   |                            |       | Dense (from 18.00m) to very dense dark brownish grey slightly sandy silty subrounded to rounded fine to coarse GRAVEL of mudstone. Sand is fine to coarse. (Weathered South Wales Middle Coal Measures)<br>(stratum copied from 17.30m from previous sheet) |                   |                         |
| 18.50-19.50 | 21                | B      |                        |                            |       |                                                                                                                                                                                                                                                             |                   |                         |
| 19.50-19.88 | 8                 | SPT(c) | 8,13/17,20,13 for 75mm |                            |       |                                                                                                                                                                                                                                                             | (6.10)            |                         |
| 20.50-21.00 | 22                | B      |                        |                            |       |                                                                                                                                                                                                                                                             |                   |                         |
| 21.00-21.45 | 9                 | SPT(c) | N=31                   |                            |       |                                                                                                                                                                                                                                                             |                   |                         |
| 22.00-22.50 | 23                | B      |                        |                            |       | ... No recovery.                                                                                                                                                                                                                                            |                   |                         |
| 22.50-22.95 | 10                | SPT(c) | N=24                   |                            |       |                                                                                                                                                                                                                                                             |                   |                         |
| 23.50-24.00 | 24                | B      |                        |                            |       | Stiff dark brownish grey slightly sandy very gravelly silty CLAY. Gravel is subrounded to rounded fine to coarse mudstone. Sand is coarse. (Weathered South Wales Middle Coal Measures)                                                                     | 23.40             |                         |
| 24.00-24.45 | 11                | SPT(c) | N=32                   |                            |       |                                                                                                                                                                                                                                                             |                   |                         |
| 25.00-25.50 | 25                | B      |                        |                            |       |                                                                                                                                                                                                                                                             | (3.60)            |                         |
| 26.50-27.00 | 26                | B      |                        |                            |       | ... Cobble of subrounded pale brown mudstone recovered between 26.5m and 27.0m bgl.                                                                                                                                                                         | 27.00             |                         |

Hole terminated on 02/09/24 due to crane maintenance on 03/09/24 and time constraints

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                 |                  | General Remarks      |  |                                                                                                   |                                                                                       |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-----------------|------------------|----------------------|--|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To              | Duration (hh:mm) |                      |  |                                                                                                   |                                                                                       |
|                                        |      |                |              |                        |             |                            |                 |                  |                      |  |                                                                                                   |                                                                                       |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 4000 |             |                            | Drilled By: CJA |                  | Logged By: Jagan Raj |  | Checked By:  |  |

|                             |                        |                   |                            |               |
|-----------------------------|------------------------|-------------------|----------------------------|---------------|
| Contract:                   |                        | Client:           |                            | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                            | <b>BH305</b>  |
| Contract Ref:               | Start: <b>23.08.24</b> | Ground Level:     | National Grid Co-ordinate: | Sheet:        |
| <b>315531</b>               | End: <b>02.09.24</b>   | <b>---</b>        | <b>---</b>                 | <b>4 of 4</b> |

| Depth<br>(m) | Samples & Testing |      |         | Backfill &<br>Instru-<br>mentation | Water | Description of Strata | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|------|---------|------------------------------------|-------|-----------------------|---------------------------|-------------------------------|
|              | No                | Type | Results |                                    |       |                       |                           |                               |
|              |                   |      |         |                                    |       |                       |                           |                               |

| Boring Progress and Water Observations |      |                |                        |                        |             | Chiselling / Slow Progress |    |                      | General Remarks |                                                                                                   |                                                                                       |
|----------------------------------------|------|----------------|------------------------|------------------------|-------------|----------------------------|----|----------------------|-----------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth           | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm)     |                 |                                                                                                   |                                                                                       |
|                                        |      |                |                        |                        |             |                            |    |                      |                 |                                                                                                   |                                                                                       |
| Method Used: Cable Percussion          |      |                | Plant Used: Dando 4000 |                        |             | Drilled By: CJA            |    | Logged By: Jagan Raj |                 | Checked By:  |  |

# BOREHOLE LOG

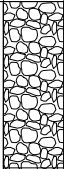
|                                       |                                                |                          |                                       |  |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>             |  | Borehole: <b>BH306</b> |
| Contract Ref: <b>315531</b>           | Start: <b>08.10.24</b><br>End: <b>15.10.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>---</b> |  | Sheet: <b>1 of 1</b>   |

| Depth (m) | Samples & Testing |      |         | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                           | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|---------|----------------|---------|---------|---------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                 |                   |                         |
| 0.90      | 1                 | ES   |         |                |         |         |         |                            |       | CONCRETE.                                                                                                                       | (0.90)            |                         |
|           |                   |      |         |                |         |         |         |                            |       | MADE GROUND: black mottled white sandy angular fine to coarse GRAVEL of various metals including iron and slag. Sand is coarse. | (1.10)            |                         |
|           |                   |      |         |                |         |         |         |                            |       | CONCRETE with occasional rebar (<2cm). Borehole terminated due to reinforced concrete pile foundation.                          | 2.00              |                         |

| Boring Progress and Water Observations                  |      |                                        |              |                        |             | Chiselling / Slow Progress  |    |                        | General Remarks                                                    |                                             |
|---------------------------------------------------------|------|----------------------------------------|--------------|------------------------|-------------|-----------------------------|----|------------------------|--------------------------------------------------------------------|---------------------------------------------|
| Date                                                    | Time | Borehole Depth                         | Casing Depth | Borehole Diameter (mm) | Water Depth | From                        | To | Duration (hh:mm)       |                                                                    |                                             |
|                                                         |      |                                        |              |                        |             |                             |    |                        | 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |
|                                                         |      |                                        |              |                        |             |                             |    |                        |                                                                    |                                             |
| Method Used: <b>Cable Percussion + Rotary open hole</b> |      | Plant Used: <b>Dando 3000 + Fraste</b> |              | Drilled By: <b>CJA</b> |             | Logged By: <b>Jagan Raj</b> |    | Checked By: <b>AGS</b> |                                                                    | All dimensions in metres Scale: <b>1:50</b> |

# BOREHOLE LOG

|                                       |                        |                          |                                       |  |                         |
|---------------------------------------|------------------------|--------------------------|---------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                        |                          | Client: <b>TATA Steel</b>             |  | Borehole: <b>BH306A</b> |
| Contract Ref: <b>315531</b>           | Start: <b>17.10.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>---</b> |  | Sheet: <b>1 of 1</b>    |
|                                       | End: <b>17.10.24</b>   |                          |                                       |  |                         |

| Depth (m) | Samples & Testing |      |         | Backfill & Instrumentation                                                        | Water | Description of Strata                                                                                                                                                                                                                                                | Depth (Thickness) | Material Graphic Legend                                                             |
|-----------|-------------------|------|---------|-----------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
|           | No                | Type | Results |                                                                                   |       |                                                                                                                                                                                                                                                                      |                   |                                                                                     |
| 1.00      | 1                 | ES   |         |  |       | CONCRETE with frequent rebar (<5cm).                                                                                                                                                                                                                                 | (0.90)            |                                                                                     |
|           |                   |      |         |                                                                                   |       | MADE GROUND: black and grey very gravelly fine to coarse SAND. Gravel is angular to subangular slag and concrete. (Fill Material)<br>No groundwater encountered. Terminated due to probable scrap metal obstruction at 1.1m bgl. Borehole reinstated on termination. | 1.10              |  |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress    |    |                  | General Remarks                                                                                                                           |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|-------------------------------|----|------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                          | To | Duration (hh:mm) |                                                                                                                                           |
|                                        |      |                |              |                        |             |                               |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Concreted cored to 0.90m bgl.<br>3. Groundwater not encountered. |
| Method Used: <b>Cable Percussion</b>   |      |                |              |                        |             | Plant Used: <b>Dando 4000</b> |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                               |
| Drilled By: <b>CJA</b>                 |      |                |              |                        |             | Logged By: <b>Jagan Raj</b>   |    |                  | Checked By:  <b>AGS</b>                              |

# BOREHOLE LOG

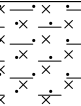
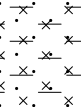
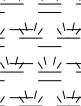
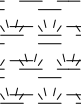
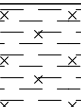
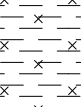
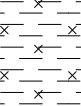
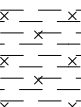
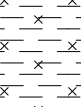
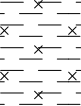
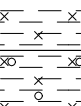
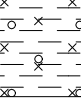
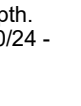
|                                       |                                                |                          |                                       |                      |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------|----------------------|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>             |                      | Borehole: <b>BH306B</b> |
| Contract Ref: <b>315531</b>           | Start: <b>24.10.24</b><br>End: <b>11.11.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>---</b> | Sheet: <b>1 of 4</b> |                         |

| Depth (m) | Samples & Testing |      |              | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                      | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|--------------|----------------|---------|---------|---------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type | Results      | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                            |                   |                         |
| 1.00      | 1                 | ES   |              |                |         |         |         |                            |       | CONCRETE with flint aggregate and frequent rebar (5cm).                                                                                                                    | (0.90)            |                         |
|           |                   |      |              |                |         |         |         |                            |       | MADE GROUND: dark grey silty SAND and GRAVEL. Gravel is angular to subangular fine to coarse slag, scrap metal and rare red brick. Sand is fine to coarse. (Fill Material) | (1.10)            |                         |
|           |                   |      |              |                |         |         |         |                            |       | Occasional cobbles of angular slag between 1.7m bgl and 2.0m bgl.                                                                                                          | 2.00              |                         |
|           |                   |      |              |                |         |         |         |                            |       | MADE GROUND: Dark grey angular COBBLES and BOULDERS of metallurgic material including scrap metal, steel slabs, plating and slag. (Fill Material)                          | (1.60)            |                         |
|           |                   |      |              |                |         |         |         |                            |       | Greyish brown silty fine SAND. (Tidal Flat Deposits)                                                                                                                       | 3.60              |                         |
| 4.50-5.00 | 1                 | B    |              |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 4.50      | 2                 | ES   |              |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 5.00-5.45 | 1                 | SPT  | N=36         |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 5.00-5.45 | 2                 | D    |              |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 5.50-6.00 | 3                 | B    |              |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 6.00-6.45 | 2                 | SPT  | N=12         |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 6.00-6.45 | 4                 | D    |              |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 6.50-7.00 | 5                 | B    |              |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 7.00-7.15 | 3                 | SPT  | 1/1 for 75mm |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 7.00-7.45 | 6                 | UT   |              |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 7.50-8.00 | 7                 | B    |              |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 8.00-8.45 | 4                 | SPT  | N=12         |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 8.00-8.45 | 8                 | D    |              |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |
| 8.50-9.30 | 9                 | B    |              |                |         |         |         |                            |       |                                                                                                                                                                            |                   |                         |

| Boring Progress and Water Observations                                   |      |                |              |                        |             | Chiselling / Slow Progress                                     |    |                  | General Remarks                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------------------------------------------|----|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                                     | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                                           | To | Duration (hh:mm) |                                                                                                                                                                                                                                                               |
|                                                                          |      |                |              |                        |             |                                                                |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 3.60m depth (23/10/24 to 01/11/24). Borehole advanced with cable percussion to 24.0m bgl (05/11/24) and then rotary open holed to 30.0m bgl (11/11/24) |
| Method Used: <b>Inspection pit + Cable Percussion + Rotary open hole</b> |      |                |              |                        |             | Plant Used: <b>13 Ton Tracked ExcavatorDando 4000 + Fracto</b> |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                                                                                   |
| Drilled By: <b>CJA</b>                                                   |      |                |              |                        |             | Logged By: <b>Jagan Raj</b>                                    |    |                  | Checked By: <b>JB</b>                                                                                                                                                    |

# BOREHOLE LOG

|                                       |                        |                          |                                       |  |                         |
|---------------------------------------|------------------------|--------------------------|---------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                        |                          | Client: <b>TATA Steel</b>             |  | Borehole: <b>BH306B</b> |
| Contract Ref: <b>315531</b>           | Start: <b>24.10.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>---</b> |  | Sheet: <b>2 of 4</b>    |
|                                       | End: <b>11.11.24</b>   |                          |                                       |  |                         |

| Depth (m)   | Samples & Testing |      |         | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                           | Depth (Thickness) | Material Graphic Legend                                                               |
|-------------|-------------------|------|---------|----------------|---------|---------|---------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|
|             | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                 |                   |                                                                                       |
| 9.30-9.80   | 11                | B    |         |                |         |         |         |                            |       | Greyish brown slightly sandy clayey SILT. Sand is fine. (Tidal Flat Deposits) <i>(stratum copied from 8.50m from previous sheet)</i>                                            | (1.95)            |    |
| 9.80-10.20  | 12                | B    |         |                |         |         |         |                            |       |                                                                                                                                                                                 |                   |    |
| 10.20-10.65 | 13                | UT   |         |                |         |         |         |                            |       |                                                                                                                                                                                 | 10.45             |    |
| 10.65-10.80 | 14                | D    |         |                |         |         |         |                            |       | Dark brown and brown stiff fibrous PEAT with a strong organic odour. (Tidal Flat Deposits)                                                                                      | (0.55)            |    |
| 11.00-11.50 | 15                | B    |         |                |         |         |         |                            |       | Dark grey clayey firm fibrous PEAT. (Tidal Flat Deposits)                                                                                                                       | 11.00             |    |
| 11.50-11.95 | 5                 | SPT  | N=7     |                |         |         |         |                            |       |                                                                                                                                                                                 | (1.50)            |   |
| 11.50-11.95 | 16                | D    |         |                |         |         |         |                            |       |                                                                                                                                                                                 |                   |  |
| 12.50-13.00 | 17                | B    |         |                |         |         |         |                            |       | Dark grey silty CLAY. (Tidal Flat Deposits) . . . Occasional pockets of pseudo-fibrous peat.                                                                                    | 12.50             |  |
| 13.00-13.45 | 18                | UT   |         |                |         |         |         |                            |       |                                                                                                                                                                                 |                   |  |
| 13.45-13.60 | 19                | D    |         |                |         |         |         |                            |       |                                                                                                                                                                                 |                   |  |
| 14.00-14.50 | 20                | B    |         |                |         |         |         |                            |       |                                                                                                                                                                                 |                   |  |
| 14.50-14.58 | 6                 | SPT  | NP      |                |         |         |         |                            |       |                                                                                                                                                                                 | (4.50)            |  |
| 14.50-14.95 | 21                | D    |         |                |         |         |         |                            |       |                                                                                                                                                                                 |                   |  |
| 15.50-16.00 | 22                | B    |         |                |         |         |         |                            |       |                                                                                                                                                                                 |                   |  |
| 16.00-16.45 | 23                | UT   |         |                |         |         |         |                            |       |                                                                                                                                                                                 |                   |  |
| 16.45-16.60 | 24                | D    |         |                |         |         |         |                            |       |                                                                                                                                                                                 | 17.00             |  |
| 17.00-17.50 | 25                | B    |         |                |         |         |         |                            |       | Stiff dark greyish brown gravelly silty CLAY. Gravel is subangular to subrounded fine to coarse mudstone, siltstone and sandstone. (Weathered South Wales Middle Coal Measures) | (1.50)            |  |
| 17.50-17.95 | 7                 | SPT  | N=48    |                |         |         |         |                            |       |                                                                                                                                                                                 |                   |  |
| 17.50-17.95 | 26                | D    |         |                |         |         |         |                            |       |                                                                                                                                                                                 |                   |  |

| Boring Progress and Water Observations                                   |      |                |              |                        |             | Chiselling / Slow Progress                                     |    |                  | General Remarks                                                                                              |
|--------------------------------------------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------------------------------------------|----|------------------|--------------------------------------------------------------------------------------------------------------|
| Date                                                                     | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                                           | To | Duration (hh:mm) |                                                                                                              |
|                                                                          |      |                |              |                        |             |                                                                |    |                  | 3. Groundwater encountered at 1.50m depth. Excavation frequently dewatered (30/10/24 - 01/11/24).            |
| Method Used: <b>Inspection pit + Cable Percussion + Rotary open hole</b> |      |                |              |                        |             | Plant Used: <b>13 Ton Tracked ExcavatorDando 4000 + Fracto</b> |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                  |
| Drilled By: <b>CJA</b>                                                   |      |                |              |                        |             | Logged By: <b>Jagan Raj</b>                                    |    |                  | Checked By:  <b>AGS</b> |

# BOREHOLE LOG

|                             |                        |                   |                            |               |
|-----------------------------|------------------------|-------------------|----------------------------|---------------|
| Contract:                   |                        | Client:           |                            | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                            | <b>BH306B</b> |
| Contract Ref:               | Start: <b>24.10.24</b> | Ground Level:     | National Grid Co-ordinate: | Sheet:        |
| <b>315531</b>               | End: <b>11.11.24</b>   | <b>---</b>        | <b>---</b>                 | <b>3 of 4</b> |

| Depth<br>(m) | Samples & Testing |        |                         | Mechanical Log |            |            |            | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                               | Depth<br>(Thickness)     | Material<br>Graphic<br>Legend                                                         |
|--------------|-------------------|--------|-------------------------|----------------|------------|------------|------------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|
|              | No                | Type   | Results                 | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                            |       |                                                                                                                                                                                                                                                                                                                                                                     |                          |                                                                                       |
| 18.50-19.00  | 27                | B      |                         |                |            |            |            |                            |       | Very dense dark grey slightly sandy GRAVEL of subangular to subrounded fine to coarse mudstone, siltstone and sandstone. Sand is fine to coarse. (Weathered South Wales Middle Coal Measures)                                                                                                                                                                       | 18.50<br>(0.50)<br>19.00 |    |
| 19.00-19.50  | 28                | B      |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                     |                          |    |
| 19.50-19.95  | 8                 | SPT    | N=42                    |                |            |            |            |                            |       | Dense to very dense dark greyish brown clayey fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of mudstone, siltstone and sandstone. (Weathered South Wales Middle Coal Measures Formation)                                                                                                                                                   |                          |    |
| 19.50-19.95  | 29                | D      |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                     |                          |    |
| 20.50-21.00  | 30                | B      |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                     |                          |    |
| 21.00-21.45  | 9                 | SPT    | N=35                    |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                     | (4.60)                   |    |
| 22.00-22.50  | 32                | B      |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                     |                          |   |
| 22.50-22.88  | 10                | SPT    | 5,5/7,10,33<br>for 75mm |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                     |                          |  |
| 23.60-24.10  | 34                | B      |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                     | 23.60                    |  |
| 24.00-24.45  | 11                | SPT(c) | N=43                    |                |            |            |            |                            |       | Very dense dark greyish brown clayey subangular to subrounded fine to coarse GRAVEL of mudstone, sandstone and siltstone with moderate cobble content. Cobbles are subrounded sandstone. (Weathered South Wales Middle Coal Measures)<br>... Obstruction of two pale brown subrounded to rounded cobbles of coarse SANDSTONE. Recovered at approximately 24.0m bgl. | (4.20)                   |  |

| Boring Progress and Water Observations |      |                                     |              |                        |             | Chiselling / Slow Progress            |    |                  | General Remarks |     |  |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|-------------|---------------------------------------|----|------------------|-----------------|-----|--|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                  | To | Duration (hh:mm) |                 |     |  |
|                                        |      |                                     |              |                        |             |                                       |    |                  |                 |     |  |
| Method Used:                           |      | Inspection pit + Cable Percussion + |              | Plant Used:            |             | 13 Ton Tracked Excavator Dando 4000 + |    | Drilled By:      |                 | CJA |  |
|                                        |      |                                     |              |                        |             |                                       |    |                  |                 |     |  |
| Logged By:                             |      | Jagan Raj                           |              | Checked By:            |             | ZB                                    |    | AGS              |                 |     |  |

# BOREHOLE LOG

|                             |                        |                   |                            |               |
|-----------------------------|------------------------|-------------------|----------------------------|---------------|
| Contract:                   |                        | Client:           |                            | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                            | <b>BH306B</b> |
| Contract Ref:               | Start: <b>24.10.24</b> | Ground Level:     | National Grid Co-ordinate: | Sheet:        |
| <b>315531</b>               | End: <b>11.11.24</b>   | <b>---</b>        | <b>---</b>                 | <b>4 of 4</b> |

| Depth<br>(m) | Samples & Testing |        |                              | Mechanical Log |            |            |            | Backfill & Instrumentation | Water | Description of Strata                                                                                                               | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|--------|------------------------------|----------------|------------|------------|------------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|
|              | No                | Type   | Results                      | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                            |       |                                                                                                                                     |                      |                               |
| 27.00-27.40  | 12                | SPT(c) | 20,11/20,21,9,21<br>for 21mm |                |            |            |            |                            |       |                                                                                                                                     | 27.80                |                               |
| 29.00-29.23  | 13                | SPT(c) | 8,17/36,14<br>for 23mm       |                |            |            |            |                            |       | MUDSTONE. Recovered as dark greyish brown angular to subangular fine to coarse GRAVEL. (South Wales Middle Coal Measures Formation) | (2.32)               |                               |
| 30.00-30.12  | 14                | SPT(c) | 25/38,12<br>for 31mm         |                |            |            |            |                            |       | Groundwater encountered at 1.50m bgl. Backfilled with bentonite to 3.50m bgl on completion.                                         | 30.12                |                               |

| Boring Progress and Water Observations |                                              |                |              |                        |                                            | Chiselling / Slow Progress |             |                  | General Remarks          |             |             |                                                                                       |                                                                                       |
|----------------------------------------|----------------------------------------------|----------------|--------------|------------------------|--------------------------------------------|----------------------------|-------------|------------------|--------------------------|-------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time                                         | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth                                | From                       | To          | Duration (hh:mm) |                          |             |             |                                                                                       |                                                                                       |
|                                        |                                              |                |              |                        |                                            |                            |             |                  |                          |             |             |                                                                                       |                                                                                       |
|                                        |                                              |                |              |                        |                                            |                            |             |                  | All dimensions in metres | Scale: 1:50 |             |                                                                                       |                                                                                       |
| Method Used:                           | Inspection pit + Cable Percussion + Borehole |                |              | Plant Used:            | 13 Ton Tracked ExcavatorDando 4000 + Earth |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj   | Checked By: |  |  |

# BOREHOLE LOG

|                                       |                                                |                          |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH307</b> |
| Contract Ref: <b>315531</b>           | Start: <b>02.09.24</b><br>End: <b>06.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277191.2 N:186662.0</b> |  | Sheet: <b>1 of 4</b>   |

| Depth (m) | Samples & Testing |        |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                     | Depth (Thickness) | Material Graphic Legend                                                               |
|-----------|-------------------|--------|---------|----------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|
|           | No                | Type   | Results |                            |       |                                                                                                                                                                                                                                                           |                   |                                                                                       |
|           |                   |        |         |                            |       | Concrete                                                                                                                                                                                                                                                  | 0.40              |    |
|           |                   |        |         |                            |       | MADE GROUND. Dark brown sandy angular to subangular GRAVEL with medium cobble content. Sand is fine to coarse. Gravel is fine to coarse of mixed lithologies including slag concrete limestone. Cobbles are angular fine to coarse of slag. Very compact. | (0.60)            |    |
| 1.50-1.80 | Es1               | ES     |         |                            |       | Medium dense (from 3.00m) yellowish brown gravelly fine to coarse SAND. Gravel is angular to subrounded fine to coarse of weak sandstone. (Blown sands)                                                                                                   | 1.00              |    |
| 2.50-3.00 | 1                 | B      |         |                            |       |                                                                                                                                                                                                                                                           |                   |    |
| 3.00-3.45 | 1                 | SPT(c) | N=13    |                            |       |                                                                                                                                                                                                                                                           |                   |    |
| 3.50-4.00 | 3                 | B      |         |                            |       |                                                                                                                                                                                                                                                           |                   |    |
| 4.00-4.45 | 2                 | SPT(c) | N=15    |                            |       | . . . Sand darker brown                                                                                                                                                                                                                                   |                   |   |
| 4.50-5.00 | 5                 | B      |         |                            |       |                                                                                                                                                                                                                                                           |                   |  |
| 5.00-5.45 | 3                 | SPT(c) | N=11    |                            |       |                                                                                                                                                                                                                                                           |                   |  |
| 5.50-6.00 | 7                 | B      |         |                            |       |                                                                                                                                                                                                                                                           |                   |  |
| 6.00-6.45 | 4                 | SPT(c) | N=18    |                            |       |                                                                                                                                                                                                                                                           |                   |  |
| 6.50-7.00 | 9                 | B      |         |                            |       |                                                                                                                                                                                                                                                           |                   |  |
| 7.50-7.95 | 5                 | SPT(c) | N=13    |                            |       |                                                                                                                                                                                                                                                           |                   |  |
| 8.00-8.50 | 11                | B      |         |                            |       | Soft to firm grey slightly sandy silty CLAY. Sand is fine to coarse. (Tidal flat deposits)                                                                                                                                                                | 8.00              |  |

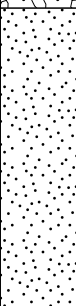
| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress     |    |                  | General Remarks                                                                                                                                               |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|--------------------------------|----|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                           | To | Duration (hh:mm) |                                                                                                                                                               |
|                                        |      |                |              |                        |             |                                |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit hand dug to 2.4m depth.<br>3. Groundwater encountered at 2.40m depth. |
| Method Used: <b>Cable Percussion</b>   |      |                |              |                        |             | Plant Used: <b>Dando 4000</b>  |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                   |
| Drilled By: <b>CJA</b>                 |      |                |              |                        |             | Logged By: <b>Adam Livesey</b> |    |                  | Checked By:  <b>AGS</b>                                                  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH307</b>  |
| Contract Ref:               | Start: <b>02.09.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>06.09.24</b>   | <b>---</b>        | <b>E:277191.2 N:186662.0</b> | <b>2 of 4</b> |

| Depth<br>(m) | Samples & Testing |      |                          | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                   | Depth<br>(Thick-<br>ness)                                                                         | Material<br>Graphic<br>Legend |  |                                                                                                                                                                                                                                            |        |  |
|--------------|-------------------|------|--------------------------|---------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|
|              | No                | Type | Results                  |                                 |       |                                                                                                                                                         |                                                                                                   |                               |  |                                                                                                                                                                                                                                            |        |  |
| 9.00-9.45    | 12                | U    | 21 blows<br>20% recovery |                                 |       | Soft to firm grey slightly sandy silty CLAY. Sand is fine to coarse.<br>(Tidal flat deposits)<br><i>(stratum copied from 8.00m from previous sheet)</i> | (3.00)                                                                                            |                               |  |                                                                                                                                                                                                                                            |        |  |
| 9.45-9.50    | 13                | D    |                          |                                 |       |                                                                                                                                                         |                                                                                                   |                               |  |                                                                                                                                                                                                                                            |        |  |
| 10.50-10.95  | 6                 | SPT  | N=13                     |                                 |       |                                                                                                                                                         |                                                                                                   |                               |  |                                                                                                                                                                                                                                            |        |  |
| 10.50-10.95  | 14                | D    |                          |                                 |       |                                                                                                                                                         |                                                                                                   |                               |  |                                                                                                                                                                                                                                            |        |  |
| 11.00-11.50  | 15                | B    |                          |                                 |       |                                                                                                                                                         | Soft to firm grey clayey SILT with medium pseudo fibrous peat<br>content. (Tidal flat deposits)   | (0.60)                        |  |                                                                                                                                                                                                                                            |        |  |
|              |                   |      |                          |                                 |       |                                                                                                                                                         | Firm to stiff blackish reddish brown fibrous PEAT. Strong organic<br>odour. (Tidal flat deposits) |                               |  |                                                                                                                                                                                                                                            |        |  |
| 12.00-12.45  | 16                | U    | 99 blows<br>11% recovery |                                 |       |                                                                                                                                                         |                                                                                                   | (2.20)                        |  |                                                                                                                                                                                                                                            |        |  |
| 12.45-12.50  | 17                | D    |                          |                                 |       |                                                                                                                                                         |                                                                                                   |                               |  |                                                                                                                                                                                                                                            |        |  |
| 13.50-13.95  | 7                 | SPT  | N=13                     |                                 |       |                                                                                                                                                         |                                                                                                   |                               |  |                                                                                                                                                                                                                                            |        |  |
| 13.50-13.95  | 18                | D    |                          |                                 |       |                                                                                                                                                         |                                                                                                   |                               |  |                                                                                                                                                                                                                                            |        |  |
| 14.50-15.00  | 19                | B    |                          |                                 |       |                                                                                                                                                         | Soft to firm grey clayey SILT with medium pseudo fibrous peat<br>content. (Tidal flat deposits)   | (2.00)                        |  |                                                                                                                                                                                                                                            |        |  |
| 15.00-15.45  | 20                | U    | 16 blows<br>22% recovery |                                 |       |                                                                                                                                                         |                                                                                                   | 15.80                         |  |                                                                                                                                                                                                                                            |        |  |
| 15.45-15.50  | 21                | D    |                          |                                 |       |                                                                                                                                                         |                                                                                                   |                               |  |                                                                                                                                                                                                                                            |        |  |
| 16.00-16.35  | 8                 | SPT  | N=46                     |                                 |       |                                                                                                                                                         |                                                                                                   |                               |  | Dense becoming medium dense greyish brown slightly sandy clayey<br>silty GRAVEL. Sand is fine to coarse. Gravel is fine to coarse<br>subrounded to rounded of mixed lithologies including mudstone and<br>sandstone. (Tidal flat deposits) | (4.20) |  |
|              |                   |      |                          |                                 |       |                                                                                                                                                         |                                                                                                   |                               |  |                                                                                                                                                                                                                                            |        |  |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH307</b>  |
| Contract Ref:               | Start: <b>02.09.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>06.09.24</b>   | <b>---</b>        | <b>E:277191.2 N:186662.0</b> | <b>3 of 4</b> |

| Depth<br>(m)              | Samples & Testing |      |                       | Backfill & Instru-<br>mentation | Water                                                                                                                                                                                         | Description of Strata                                                                                                                                                                                                                                                                        | Depth<br>(Thick-<br>ness)                                                             | Material<br>Graphic<br>Legend                                                         |                                                                                       |
|---------------------------|-------------------|------|-----------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                           | No                | Type | Results               |                                 |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                              |                                                                                       |                                                                                       |                                                                                       |
| 18.00-18.45               | 9                 | SPT  | N=12                  |                                 |                                                                                                                                                                                               | Dense becoming medium dense greyish brown slightly sandy clayey silty GRAVEL. Sand is fine to coarse. Gravel is fine to coarse subrounded to rounded of mixed lithologies including mudstone and sandstone. (Tidal flat deposits)<br><i>(stratum copied from 15.80m from previous sheet)</i> |                                                                                       |    |                                                                                       |
| 19.50-19.95               | 10                | SPT  | N=11                  |                                 |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                              |                                                                                       |                                                                                       |                                                                                       |
|                           |                   |      |                       |                                 |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                              | Very loose becoming dense brown clayey silty fine to coarse SAND. (Blown Sand)        | 20.00                                                                                 |   |
| 21.00-21.45               | 11                | SPT  | N=1                   |                                 |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                              |                                                                                       | (2.00)                                                                                |                                                                                       |
|                           |                   |      |                       |                                 |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                              |                                                                                       | 22.00                                                                                 |  |
| 24.00-24.45               | 12                | SPT  | N=41                  |                                 | Very dense brown clayey fine to coarse GRAVEL. Gravel is subrounded to rounded of mixed lithologies including mudstone and sandstone. (Weathered South Wales Middle Coal Measures Formation). | (4.50)                                                                                                                                                                                                                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 25.50-25.75               | 13                | SPT  | 7,9/17,33<br>for 20mm |                                 |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                              |  |                                                                                       |                                                                                       |
|                           |                   |      |                       |                                 |                                                                                                                                                                                               | 26.50                                                                                                                                                                                                                                                                                        |                                                                                       |                                                                                       |                                                                                       |
| Description on next sheet |                   |      |                       |                                 |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                              |                                                                                       |  |                                                                                       |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                 |                  | General Remarks          |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-----------------|------------------|--------------------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To              | Duration (hh:mm) |                          |  |
|                                        |      |                |              |                        |             |                            |                 |                  |                          |  |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 4000 |             |                            | Drilled By: CJA |                  | All dimensions in metres |  |
|                                        |      |                |              |                        |             |                            |                 |                  | Scale: 1:50              |  |
| Logged By: Adam Livesey                |      |                |              | Checked By: JB         |             |                            | AGS             |                  |                          |  |

# BOREHOLE LOG

|                                       |                                                |                          |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH307</b> |
| Contract Ref: <b>315531</b>           | Start: <b>02.09.24</b><br>End: <b>06.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277191.2 N:186662.0</b> |  | Sheet: <b>4 of 4</b>   |

| Depth (m) | Samples & Testing |      |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                  | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|---------|----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type | Results |                            |       |                                                                                                                                                                                                                                                        |                   |                         |
|           |                   |      |         |                            |       | Brown gravelly CLAY. Gravel is subangular to rounded fine to coarse of weathered mudstone. (Weathered South Wales Middle Coal Measures Formation).<br>(stratum copied from 26.50m from previous sheet)<br>Mudstone. (South Wales Middle Coal Measures) | (1.10)<br>27.60   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH308</b> |
| Contract Ref: <b>315531</b>           | Start: <b>27.08.24</b><br>End: <b>03.09.24</b> | Ground Level: <b>8.72</b> | National Grid Co-ordinate: <b>E:277155.2 N:186659.0</b> |  | Sheet: <b>1 of 4</b>   |

| Depth (m) | Samples & Testing |        |          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|--------|----------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type   | Results  |                            |       |                                                                                                                                                                                                                      |                   |                         |
| 1.30      | ES1               | ES PID | 0.0ppm   |                            |       | CONCRETE.                                                                                                                                                                                                            | 0.40              |                         |
| 1.30      |                   |        |          |                            |       | MADE GROUND. Brown sandy angular fine to coarse GRAVEL of various lithologies including limestone, sandstone and slag with medium cobble content. Sand is fine to coarse. Cobbles are angular of slag. Very compact. | (0.50)            |                         |
|           |                   |        |          |                            |       | MADE GROUND. Black mottled dark brownish grey sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is angular fine to medium of wood and slag. Slight hydrocarbon odour. (Reworked)                    | (0.60)            |                         |
|           |                   |        |          |                            |       | Loose (from 3.00m) becoming medium dense yellowish brown slightly gravelly fine to coarse SAND. Gravel is angular fine to coarse of weak sandstone. (Blown Sands)                                                    | 1.50              |                         |
| 2.50-3.00 | 1                 | B      |          |                            |       |                                                                                                                                                                                                                      |                   |                         |
| 3.00-3.45 | 1                 | SPT(c) | N=9      |                            |       |                                                                                                                                                                                                                      |                   |                         |
| 3.00-3.50 | 3                 | B      |          |                            |       |                                                                                                                                                                                                                      |                   |                         |
| 4.00-4.45 | 2                 | SPT(c) | N=7      |                            |       |                                                                                                                                                                                                                      | (5.00)            |                         |
| 4.50-5.00 | 5                 | B      |          |                            |       |                                                                                                                                                                                                                      |                   |                         |
| 5.00-5.45 | 3                 | SPT(c) | N=12     |                            |       |                                                                                                                                                                                                                      |                   |                         |
| 5.50-6.00 | 7                 | B      |          |                            |       | . . . Colour change to dark brown                                                                                                                                                                                    |                   |                         |
| 6.00-6.45 | 4                 | SPT    | N=15     |                            |       |                                                                                                                                                                                                                      |                   |                         |
| 6.00-6.45 | 8                 | D      |          |                            |       |                                                                                                                                                                                                                      | 6.50              |                         |
| 6.50-7.00 | 9                 | B      |          |                            |       | Soft to firm grey sandy CLAY. Sand is fine to coarse. (Tidal flat deposits)                                                                                                                                          |                   |                         |
| 7.50-7.95 | 10                | U      | 30 blows |                            |       | . . . Clay becomes silty and soft to very soft                                                                                                                                                                       | (2.50)            |                         |
| 8.50-9.00 | 11                | B      |          |                            |       |                                                                                                                                                                                                                      | 9.00              |                         |

| Boring Progress and Water Observations                |      |                |              |                        |             | Chiselling / Slow Progress        |    |                  | General Remarks                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|------|----------------|--------------|------------------------|-------------|-----------------------------------|----|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                  | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm) |                                                                                                                                                                                                                                                                      |
|                                                       |      |                |              |                        |             |                                   |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 2.20m depth. 300mm diameter pipe installed prior to backfilling to allow cable percussive drilling to commence.<br>3. Groundwater encountered at 2.10m depth. |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      |                |              |                        |             | Plant Used: <b>Dando 4000</b>     |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                                                                                          |
| Drilled By: <b>CJA</b>                                |      |                |              |                        |             | Logged By: <b>Kieran Bancroft</b> |    |                  | Checked By:  <b>AGS</b>                                                                                                                                                         |



BOREHOLE LOG

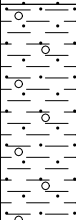
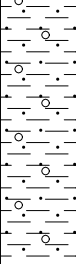
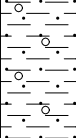
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|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH308</b> |
| Contract Ref: <b>315531</b>           | Start: <b>27.08.24</b><br>End: <b>03.09.24</b> | Ground Level: <b>8.72</b> | National Grid Co-ordinate: <b>E:277155.2 N:186659.0</b> |  | Sheet: <b>2 of 4</b>   |

| Depth (m)                  | Samples & Testing |          |          | Backfill & Instrumentation | Water | Description of Strata                                                               | Depth (Thickness) | Material Graphic Legend |
|----------------------------|-------------------|----------|----------|----------------------------|-------|-------------------------------------------------------------------------------------|-------------------|-------------------------|
|                            | No                | Type     | Results  |                            |       |                                                                                     |                   |                         |
| 9.00-9.45<br>9.00-9.45     | 5<br>12           | SPT<br>D | N=11     |                            |       | Grey sandy clayey SILT. Sand is fine to medium. (Tidal flat deposits)               |                   |                         |
| 9.50-10.00                 | 13                | B        |          |                            |       |                                                                                     |                   |                         |
| 10.50-10.95                | 14                | U        | 50 blows |                            |       |                                                                                     | (2.90)            |                         |
| 11.50-12.00                | 15                | B        |          |                            |       |                                                                                     | 11.90             |                         |
| 12.00-12.45<br>12.00-12.45 | 6<br>16           | SPT<br>D | N=9      |                            |       | Firm reddish brown fibrous PEAT. Moderate organic odour. (Tidal flat deposits)      |                   |                         |
| 12.50-13.00                | 17                | B        |          |                            |       |                                                                                     |                   |                         |
| 13.00-13.45                | 7                 | SPT      | N=22     |                            |       |                                                                                     | (2.50)            |                         |
| 13.50-13.95                | 18                | D        |          |                            |       |                                                                                     | 14.40             |                         |
| 14.50-15.00                | 18                | B        |          |                            |       | Soft to firm grey silty CLAY with rare evidence of fine peat. (Tidal flat deposits) |                   |                         |
| 15.00-15.45                | 19                | U        | 14 blows |                            |       |                                                                                     |                   |                         |
| 16.00-16.50                | 20                | B        |          |                            |       |                                                                                     | (3.10)            |                         |
| 16.50-16.95<br>16.50-16.95 | 8<br>21           | SPT<br>D | N=3      |                            |       |                                                                                     | 17.50             |                         |
| 17.50-18.00                | 22                | B        |          |                            |       | Description on next sheet                                                           |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 30/01/25 - 14:48 | JB17 |

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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH308</b>  |
| Contract Ref:               | Start: <b>27.08.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>03.09.24</b>   | <b>8.72</b>       | <b>E:277155.2 N:186659.0</b> | <b>3 of 4</b> |

| Depth<br>(m) | Samples & Testing |        |         | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                                                                                                                  | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                                                                                                                                                       |        |                                                                                       |
|--------------|-------------------|--------|---------|---------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|
|              | No                | Type   | Results |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
| 18.00-18.45  | 9                 | SPT(c) | N=32    |                                 |       | Very dense becoming medium dense brown slightly sandy clayey silty GRAVEL with low cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular to rounded of mudstone, siltstone and sandstone. Cobbles are subangular to subrounded of mudstone. (Weathered South Wales Middle Coal Measures Formation).<br><i>(stratum copied from 17.50m from previous sheet)</i><br>... Gravels and cobbles very loose, casing occasionally drops. | (2.80)                    |                                                                                                                                  |        |                                                                                       |
| 19.00-19.50  | 24                | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
| 19.50-19.95  | 10                | SPT    | N=28    |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
|              |                   |        |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     | 20.30  |   |
| 20.50-21.00  | 26                | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
| 21.00-21.45  | 11                | SPT(c) | N=12    |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
| 21.50-22.00  | 28                | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     | 21.80  |  |
|              |                   |        |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
| 22.50-22.95  | 12                | SPT(c) | N=28    |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
|              |                   |        |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           | Stiff brown gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is subrounded to rounded fine to coarse of mudstone. (Weathered South Wales Middle Coal Measures Formation).<br><br>... Increase in gravel | (3.20) |  |
| 23.50-24.00  | 30                | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
| 24.00-24.45  | 13                | SPT(c) | N=22    |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
|              |                   |        |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     | 25.00  |  |
| 25.00-25.50  | 32                | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
| 25.50-25.95  | 14                | SPT(c) | N=37    |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
|              |                   |        |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 26.00                     |                                                                                                                                |        |                                                                                       |
| 26.50-27.00  | 34                | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                                                                                                                                                                                                                     |        |                                                                                       |
|              |                   |        |         |                                 |       | Firm brown gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is subrounded to rounded fine to coarse of mudstone. (Weathered South Wales Middle Coal Measures Formation).                                                                                                                                                                                                                                                                   | (1.90)                    |                                                                                                                                                                                                                     |        |                                                                                       |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH308</b> |
| Contract Ref: <b>315531</b>           | Start: <b>27.08.24</b><br>End: <b>03.09.24</b> | Ground Level: <b>8.72</b> | National Grid Co-ordinate: <b>E:277155.2 N:186659.0</b> |  | Sheet: <b>4 of 4</b>   |

| Depth (m)   | Samples & Testing |        |                | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                           | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|--------|----------------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type   | Results        |                            |       |                                                                                                                                                                                                                                                 |                   |                         |
| 27.00-27.45 | 15                | SPT(c) | N=44           |                            |       | Firm brown gravelly slightly sandy CLAY. Sand is fine to coarse. Gravel is subrounded to rounded fine to coarse of mudstone. (Weathered South Wales Middle Coal Measures Formation).<br><i>(stratum copied from 26.00m from previous sheet)</i> |                   |                         |
| 27.90       | 36                | D      |                |                            |       |                                                                                                                                                                                                                                                 | 27.90             |                         |
| 28.00-28.15 | 16                | SPT(c) | 25/50 for 75mm |                            |       | Mudstone with coal fragments. (Weathered South Wales Middle Coal Measures)                                                                                                                                                                      | (0.55)            |                         |
|             |                   |        |                |                            |       |                                                                                                                                                                                                                                                 | 28.45             |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH309</b> |
| Contract Ref: <b>315531</b>           | Start: <b>22.07.24</b><br>End: <b>25.07.24</b> | Ground Level: <b>9.17</b> | National Grid Co-ordinate: <b>E:277127.5 N:186684.5</b> |  | Sheet: <b>1 of 4</b>   |

| Depth (m) | Samples & Testing |       |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                      | Depth (Thickness)      | Material Graphic Legend |
|-----------|-------------------|-------|---------|----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------|
|           | No                | Type  | Results |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 0.50-0.60 | 1                 | ES    |         |                            |       | MADE GROUND: dark greyish brown very sandy GRAVEL with low cobble content. Sand is fine to coarse. Gravel is fine to coarse angular to subangular of mixed lithologies including slag, concrete, clinker brick and rebar. Cobbles are angular to subangular of slag and concrete.<br>... Concrete slab<br>... Dense compact slag, concrete | (0.60)<br>0.60<br>0.80 |                         |
| 1.70-1.80 | 2                 | ES    |         |                            |       | MADE GROUND: Brown gravelly fine to coarse SAND. Gravel is fine to coarse angular to subrounded of slag.                                                                                                                                                                                                                                   | (0.90)                 |                         |
| 2.00-2.20 | 1                 | B     |         |                            |       | MADE GROUND: Brown very gravelly SAND with low cobble content. Sand is fine to coarse. Gravel is fine to coarse angular to subangular of mixed lithologies including slag, concrete, clinker brick. Cobbles are angular to subangular of slag and concrete.<br>... Dense compact slag, concrete<br>... No cobbles from 1.4                 | 1.70<br>2.10           |                         |
| 3.00-3.45 | 1                 | SPT D | N=7     |                            |       | NATURAL: Yellow slightly gravelly clayey fine to coarse SAND. Gravel is angular to subrounded of sandstone. (BLOWN SAND)                                                                                                                                                                                                                   |                        |                         |
| 3.00-3.45 | 2                 |       |         |                            |       | Loose becoming medium dense brown fine to coarse SAND. (BLOWN SAND)                                                                                                                                                                                                                                                                        |                        |                         |
| 3.50-4.00 | 3                 | B     |         |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 4.00-4.45 | 2                 | SPT D | N=16    |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 4.00-4.45 | 4                 |       |         |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 4.50-5.00 | 5                 | B     |         |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 5.00-5.45 | 3                 | SPT D | N=25    |                            |       | ... Sand becoming silty and clayey.                                                                                                                                                                                                                                                                                                        |                        |                         |
| 5.00-5.45 | 6                 |       |         |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 5.50-6.00 | 7                 | B     |         |                            |       |                                                                                                                                                                                                                                                                                                                                            | (6.90)                 |                         |
| 6.00-6.45 | 4                 | SPT D | N=24    |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 6.00-6.45 | 8                 |       |         |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 6.50-7.00 | 9                 | B     |         |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 7.00-7.50 | 10                | B     |         |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 7.50-7.95 | 5                 | SPT D | N=6     |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 7.50-7.95 | 11                |       |         |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
| 8.00-8.50 | 12                | B     |         |                            |       |                                                                                                                                                                                                                                                                                                                                            |                        |                         |
|           |                   |       |         |                            |       |                                                                                                                                                                                                                                                                                                                                            | 9.00                   |                         |

| Boring Progress and Water Observations                |      |                |              |                        |             | Chiselling / Slow Progress |                                |                                                                                                   | General Remarks                                                                                                 |
|-------------------------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Date                                                  | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To                             | Duration (hh:mm)                                                                                  |                                                                                                                 |
|                                                       |      |                |              |                        |             | 21.50                      | 22.00                          | 00:45                                                                                             | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit hand dug to 2.1m depth. |
|                                                       |      |                |              |                        |             | 22.50                      | 22.75                          | 00:45                                                                                             |                                                                                                                 |
|                                                       |      |                |              |                        |             | 23.10                      | 23.50                          | 00:30                                                                                             |                                                                                                                 |
|                                                       |      |                |              |                        |             | 27.50                      | 28.30                          | 00:35                                                                                             |                                                                                                                 |
|                                                       |      |                |              |                        |             | 29.00                      | 30.00                          | 01:00                                                                                             |                                                                                                                 |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      |                |              |                        |             | All dimensions in metres   |                                |                                                                                                   | Scale: <b>1:50</b>                                                                                              |
| Plant Used: <b>Dando 3000</b>                         |      |                |              |                        |             | Drilled By: <b>CJA</b>     | Logged By: <b>Adam Livesey</b> | Checked By:  |                            |

|                                          |  |                                                |                              |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH309</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>22.07.24</b><br>End: <b>25.07.24</b> | Ground Level:<br><b>9.17</b> | National Grid Co-ordinate:<br><b>E:277127.5 N:186684.5</b> | Sheet:<br><b>2 of 4</b>   |

| Depth<br>(m)               | Samples & Testing |          |          | Backfill & Instru-<br>mentation                                                                                                                                                                                                  | Water  | Description of Strata                                                                                                                               | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|----------------------------|-------------------|----------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
|                            | No                | Type     | Results  |                                                                                                                                                                                                                                  |        |                                                                                                                                                     |                           |                               |
| 9.00-9.45                  | 6                 | SPT      | N=5      |                                                                                                                                                                                                                                  |        | Soft grey sandy silty CLAY. Sand is fine to coarse.<br>(TIDAL FLAT DEPOSITS)<br><br>... Occasional pockets of fibrous peat                          | (2.00)                    |                               |
| 9.50-10.00                 | 14                | B        |          |                                                                                                                                                                                                                                  |        |                                                                                                                                                     |                           |                               |
| 10.50-10.95                | 15                | D        |          |                                                                                                                                                                                                                                  |        |                                                                                                                                                     |                           |                               |
| 11.00-11.50                | 16                | B        |          |                                                                                                                                                                                                                                  |        | Brown fibrous PEAT comprising a soft to firm grey sandy silty CLAY matrix. Sand is fine to coarse. Moderate organic odour.<br>(TIDAL FLAT DEPOSITS) | (1.50)                    |                               |
| 12.00-12.50                | 17                | U        | 42 blows |                                                                                                                                                                                                                                  |        |                                                                                                                                                     |                           |                               |
| 12.50-12.65<br>12.65-13.00 | 18<br>19          | D<br>B   |          |                                                                                                                                                                                                                                  |        |                                                                                                                                                     |                           |                               |
| 13.50-13.95<br>13.50-13.95 | 7<br>20           | SPT<br>D | N=7      |                                                                                                                                                                                                                                  |        | Grey slightly sandy clayey SILT. Sand is fine to medium.<br>(TIDAL FLAT DEPOSITS)                                                                   | (3.50)                    |                               |
| 14.50-15.00                | 21                | B        |          |                                                                                                                                                                                                                                  |        |                                                                                                                                                     |                           |                               |
| 15.00-15.45<br>15.00-15.45 | 8<br>22           | SPT<br>D | N=2      |                                                                                                                                                                                                                                  |        |                                                                                                                                                     |                           |                               |
| 15.50-16.00                | 23                | B        |          |                                                                                                                                                                                                                                  |        |                                                                                                                                                     |                           |                               |
| 16.50-17.00                | 24                | U        | 7 blows  |                                                                                                                                                                                                                                  |        |                                                                                                                                                     |                           |                               |
| 17.00-17.20<br>17.20-18.00 | 25<br>26          | D<br>B   |          | Dense greyish brown slightly sandy clayey GRAVEL with low cobble content. Sand is fine to coarse. Gravel is fine to coarse angular to rounded of mudstone and sandstone. (Weathered South Wales Middle Coal Measures Formation). | (1.50) |                                                                                                                                                     |                           |                               |

| Boring Progress and Water Observations |      |                                          |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |                     |
|----------------------------------------|------|------------------------------------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|---------------------|
| Date                                   | Time | Borehole Depth                           | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |                     |
|                                        |      |                                          |              |                        |             |                            |    |                  |                 |                     |
| Method Used:                           |      | <b>Inspection pit + Cable Percussion</b> |              | Plant Used:            |             | <b>Dando 3000</b>          |    | Drilled By:      |                 | <b>CJA</b>          |
|                                        |      |                                          |              |                        |             |                            |    | Logged By:       |                 | <b>Adam Livesey</b> |
|                                        |      |                                          |              |                        |             |                            |    | Checked By:      |                 | <b>ZB AGS</b>       |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH309</b>  |
| Contract Ref:               | Start: <b>22.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>25.07.24</b>   | <b>9.17</b>       | <b>E:277127.5 N:186684.5</b> | <b>3 of 4</b> |

[illegible]

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |             |                  | General Remarks          |                                                                                                                                                                                         |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|-------------|------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To          | Duration (hh:mm) |                          |                                                                                                                                                                                         |
|                                        |                                   |                |              |                        |             |                            |             |                  |                          |                                                                                                                                                                                         |
|                                        |                                   |                |              |                        |             |                            |             |                  | All dimensions in metres | Scale: 1:50                                                                                                                                                                             |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used:            | Dando 3000  |                            | Drilled By: | CJA              | Logged By: Adam Livesey  | Checked By:   |



BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH309</b> |
| Contract Ref: <b>315531</b>           | Start: <b>22.07.24</b><br>End: <b>25.07.24</b> | Ground Level: <b>9.17</b> | National Grid Co-ordinate: <b>E:277127.5 N:186684.5</b> |  | Sheet: <b>4 of 4</b>   |

| Depth (m)   | Samples & Testing |      |                        | Backfill & Instrumentation | Water | Description of Strata                                                   | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|------------------------|----------------------------|-------|-------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type | Results                |                            |       |                                                                         |                   |                         |
| 27.00-27.35 | 15                | SPT  | 8,10/15,17,18 for 52mm |                            |       | MUDSTONE. Recovered as weak grey mudstone. (SOUTH WALES COAL MEASURES). | (3.12)            |                         |
| 27.00-27.45 | 39                | B    |                        |                            |       |                                                                         |                   |                         |
| 27.50-28.00 | 40                | B    |                        |                            |       |                                                                         |                   |                         |
| 28.00-28.10 | 16                | SPT  | 11,14/50 for 8mm       |                            |       |                                                                         |                   |                         |
| 28.50-29.00 | 41                | B    |                        |                            |       |                                                                         |                   |                         |
| 29.00-29.80 | 42                | B    |                        |                            |       |                                                                         |                   |                         |
| 29.80-30.00 | 43                | B    |                        |                            |       |                                                                         |                   |                         |
|             |                   |      |                        |                            |       |                                                                         | 30.12             |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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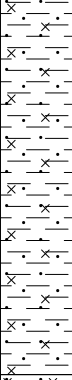
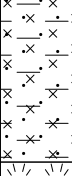
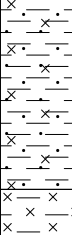
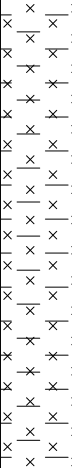
# BOREHOLE LOG

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|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH310</b> |
| Contract Ref: <b>315531</b>           | Start: <b>03.09.24</b><br>End: <b>05.09.24</b> | Ground Level: <b>9.34</b> | National Grid Co-ordinate: <b>E:277095.1 N:186653.7</b> |  | Sheet: <b>1 of 4</b>   |

| Depth (m) | Samples & Testing |        |                          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Depth (Thickness)        | Material Graphic Legend |
|-----------|-------------------|--------|--------------------------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|
|           | No                | Type   | Results                  |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                         |
| 1.00-1.40 | Es1               | ES     |                          |                            |       | MADE GROUND. Compact blackish brown sandy clayey GRAVEL. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse of mixed lithologies including slag concrete sandstone and occasional metal, rebar and timber.<br>... Reddish brown buried timber<br><br>... Large metal strip<br>MADE GROUND. Soft to firm dark greyish brown gravelly slightly sandy CLAY with rare pockets of light brown fine to coarse sand. Gravel is angular to subangular of mixed lithologies including slag concrete sandstone.<br>... Concrete boulder | (1.10)<br>1.10<br>(1.90) |                         |
| 3.50-4.00 | 1                 | B      |                          |                            |       | Loose (from 3.00m) becoming very dense light brown gravelly fine to coarse SAND. Gravel is fine to coarse subrounded of weak sandstone. (Blown sands)                                                                                                                                                                                                                                                                                                                                                                                             | 3.00                     |                         |
| 4.00-4.45 | 1                 | SPT(c) | N=8                      |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                         |
| 4.50-5.00 | 2                 | B      |                          |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                         |
| 5.00-5.45 | 2                 | SPT(c) | N=60                     |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (4.00)                   |                         |
| 5.00-6.00 | 3                 | B      |                          |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                         |
| 6.00-6.45 | 3                 | SPT(c) | N=66                     |                            |       | ... Sand becomes a darker brown and clayey.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                         |
| 7.00-7.50 | 4                 | B      |                          |                            |       | Very soft grey sandy silty CLAY with rare evidence of pseudo fibrous peat. Sand is fine to coarse. (Tidal flat deposits)                                                                                                                                                                                                                                                                                                                                                                                                                          | 7.00                     |                         |
| 7.50-7.95 | 5                 | U      | 10 blows<br>22% recovery |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                         |
| 8.50-9.00 | 6                 | B      |                          |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress     |    |                  | General Remarks                                                                                                                                                                    |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|--------------------------------|----|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                           | To | Duration (hh:mm) |                                                                                                                                                                                    |
|                                        |      |                |              |                        |             |                                |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit hand dug to 3m depth.<br>3. Groundwater encountered at 3.31m depth at start of shift 04/09 |
| Method Used: <b>Cable Percussion</b>   |      |                |              |                        |             | Plant Used: <b>Dando 4000</b>  |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                        |
| Drilled By: <b>CJA</b>                 |      |                |              |                        |             | Logged By: <b>Adam Livesey</b> |    |                  | Checked By:  <b>AGS</b>                                                                       |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH310</b>  |
| Contract Ref:               | Start: <b>03.09.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>05.09.24</b>   | <b>9.34</b>       | <b>E:277095.1 N:186653.7</b> | <b>2 of 4</b> |

| Depth<br>(m)               | Samples & Testing |          |                          | Backfill & Instru-<br>mentation | Water                                                                                     | Description of Strata                                                                                                                                                              | Depth<br>(Thick-<br>ness)                                                             | Material<br>Graphic<br>Legend                                                       |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
|----------------------------|-------------------|----------|--------------------------|---------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|
|                            | No                | Type     | Results                  |                                 |                                                                                           |                                                                                                                                                                                    |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 9.00-9.45<br>9.00-9.45     | 4<br>7            | SPT<br>D | N=4                      |                                 |                                                                                           | Very soft grey sandy silty CLAY with rare evidence of pseudo fibrous peat. Sand is fine to coarse. (Tidal flat deposits)<br><i>(stratum copied from 7.00m from previous sheet)</i> | (4.50)                                                                                |  |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 10.00-10.50                | 8                 | B        | 9 blows<br>22% recovery  |                                 |                                                                                           |                                                                                                                                                                                    |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 10.50-10.95                | 9                 | U        |                          |                                 |                                                                                           |                                                                                                                                                                                    |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 11.00-11.45                | 5                 | SPT      |                          |                                 |                                                                                           |                                                                                                                                                                                    | N=2                                                                                   |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 11.50-12.00                | 10                | B        | 13 blows<br>22% recovery |                                 |                                                                                           |                                                                                                                                                                                    |                                                                                       |                                                                                     | Very soft grey slightly sandy clayey SILT. Sand is fine to medium. (Tidal flat deposits) | 11.50                                                                                 |  |                                                                              |        |                                                                                       |
| 12.00-12.50                | 11                | D        |                          |                                 |                                                                                           | (1.10)                                                                                                                                                                             |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 12.60-13.00                | 12                | B        |                          |                                 |                                                                                           | Firm reddish brown fibrous PEAT. Strong organic odour. (Tidal flat deposits)                                                                                                       |                                                                                       | 12.60                                                                               |                                                                                          |  |                                                                                      |                                                                              |        |                                                                                       |
| 13.20-13.50                | 13                | B        |                          |                                 |                                                                                           |                                                                                                                                                                                    |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      | Soft to firm sandy silty CLAY. Sand is fine to coarse. (Tidal flat deposits) | (1.30) |  |
| 13.50-13.95                | 14                | U        |                          |                                 |                                                                                           |                                                                                                                                                                                    |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 13.95-14.05                | 15                | D        | 14.50                    |                                 |                                                                                           |                                                                                                                                                                                    |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 14.50-15.00                | 16                | B        | N=2                      |                                 | Soft to firm grey clayey SILT with low pseudo fibrous peat content. (Tidal flat deposits) |                                                                                                                                                                                    |  |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 15.00-15.45<br>15.00-15.45 | 6<br>17           | SPT<br>D |                          |                                 |                                                                                           |                                                                                                                                                                                    |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 16.00-16.50                | 18                | B        |                          |                                 |                                                                                           |                                                                                                                                                                                    |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 16.50-16.95                | 19                | U        |                          |                                 |                                                                                           | 11 blows<br>22% recovery                                                                                                                                                           |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |
| 17.50-18.00                | 20                | B        |                          |                                 |                                                                                           |                                                                                                                                                                                    |                                                                                       |                                                                                     |                                                                                          |                                                                                       |                                                                                      |                                                                              |        |                                                                                       |

| Boring Progress and Water Observations |      |                |                               |                        |             | Chiselling / Slow Progress |    |                                | General Remarks                                                                                   |                                                                                       |
|----------------------------------------|------|----------------|-------------------------------|------------------------|-------------|----------------------------|----|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth                  | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm)               |                                                                                                   |                                                                                       |
|                                        |      |                |                               |                        |             |                            |    |                                |                                                                                                   |                                                                                       |
|                                        |      |                |                               |                        |             |                            |    |                                | All dimensions in metres                                                                          | Scale: <b>1:50</b>                                                                    |
| Method Used: <b>Cable Percussion</b>   |      |                | Plant Used: <b>Dando 4000</b> |                        |             | Drilled By: <b>CJA</b>     |    | Logged By: <b>Adam Livesey</b> | Checked By:  |  |

# BOREHOLE LOG

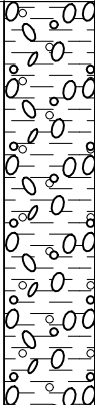
|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH310</b> |
| Contract Ref: <b>315531</b>           | Start: <b>03.09.24</b><br>End: <b>05.09.24</b> | Ground Level: <b>9.34</b> | National Grid Co-ordinate: <b>E:277095.1 N:186653.7</b> |  | Sheet: <b>3 of 4</b>   |

| Depth (m)                  | Samples & Testing |          |                          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                  | Depth (Thickness) | Material Graphic Legend |
|----------------------------|-------------------|----------|--------------------------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|                            | No                | Type     | Results                  |                            |       |                                                                                                                                                                                                                                        |                   |                         |
| 18.00-18.45<br>18.00-18.50 | 7<br>21           | SPT<br>D | N=5                      |                            |       | Soft to firm grey clayey SILT with low pseudo fibrous peat content. (Tidal flat deposits)<br><i>(stratum copied from 14.50m from previous sheet)</i>                                                                                   | (7.30)            |                         |
| 19.00-19.50                | 22                | B        |                          |                            |       |                                                                                                                                                                                                                                        |                   |                         |
| 19.50-19.95                | 23                | U        | 20 blows<br>22% recovery |                            |       |                                                                                                                                                                                                                                        |                   |                         |
| 20.50-21.00                | 24                | B        |                          |                            |       |                                                                                                                                                                                                                                        |                   |                         |
| 21.00-21.45<br>21.00-21.45 | 8<br>25           | SPT<br>D | N=5                      |                            |       |                                                                                                                                                                                                                                        |                   |                         |
| 21.80-22.50                | 26                | B        |                          |                            |       | Very stiff brown soft to firm gravelly CLAY with medium cobble content. Gravel is fine to coarse subrounded to rounded of mudstone siltstone. Cobbles are rounded of mudstone. (Weathered South Wales Middle Coal Measures Formation). | 21.80             |                         |
| 22.50-22.95                | 9                 | SPT(c)   | N=29                     |                            |       |                                                                                                                                                                                                                                        |                   |                         |
| 23.50-24.00                | 27                | B        |                          |                            |       |                                                                                                                                                                                                                                        |                   |                         |
| 24.00-24.45                | 10                | SPT(c)   | N=42                     |                            |       |                                                                                                                                                                                                                                        | (7.90)            |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                 |                  | General Remarks         |  |                                                                                                   |                                                                                       |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-----------------|------------------|-------------------------|--|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To              | Duration (hh:mm) |                         |  |                                                                                                   |                                                                                       |
|                                        |      |                |              |                        |             |                            |                 |                  |                         |  |                                                                                                   |                                                                                       |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 4000 |             |                            | Drilled By: CJA |                  | Logged By: Adam Livesey |  | Checked By:  |  |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH310</b> |
| Contract Ref: <b>315531</b>           | Start: <b>03.09.24</b><br>End: <b>05.09.24</b> | Ground Level: <b>9.34</b> | National Grid Co-ordinate: <b>E:277095.1 N:186653.7</b> |  | Sheet: <b>4 of 4</b>   |

| Depth<br>(m) | Samples & Testing |      |         | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                                                                                                                             | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                       |
|--------------|-------------------|------|---------|---------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------|
|              | No                | Type | Results |                                 |       |                                                                                                                                                                                                                                                                                                   |                           |                                                                                     |
|              |                   |      |         |                                 |       | Very stiff brown soft to firm gravelly CLAY with medium cobble content. Gravel is fine to coarse subrounded to rounded of mudstone siltstone. Cobbles are rounded of mudstone. (Weathered South Wales Middle Coal Measures Formation).<br><i>(stratum copied from 21.80m from previous sheet)</i> |                           |  |
|              |                   |      |         |                                 |       | Rockhead mudstone. (South Wales Middle Coal Measures)<br>... Very little weathered bedrock before 29.7                                                                                                                                                                                            | 29.70                     |  |

| Boring Progress and Water Observations |      |                |                                                                                                   |                        |             | Chiselling / Slow Progress                                                            |    |                  | General Remarks                             |
|----------------------------------------|------|----------------|---------------------------------------------------------------------------------------------------|------------------------|-------------|---------------------------------------------------------------------------------------|----|------------------|---------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth                                                                                      | Borehole Diameter (mm) | Water Depth | From                                                                                  | To | Duration (hh:mm) |                                             |
|                                        |      |                |                                                                                                   |                        |             |                                                                                       |    |                  |                                             |
| Method Used: <b>Cable Percussion</b>   |      |                | Plant Used: <b>Dando 4000</b>                                                                     |                        |             | Drilled By: <b>CJA</b>                                                                |    |                  | All dimensions in metres Scale: <b>1:50</b> |
| Logged By: <b>Adam Livesey</b>         |      |                | Checked By:  |                        |             |  |    |                  |                                             |

# BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH311</b> |
| Contract Ref: <b>315531</b>           | Start: <b>11.07.24</b><br>End: <b>18.07.24</b> | Ground Level: <b>16.23</b> | National Grid Co-ordinate: <b>E:277024.2 N:186704.4</b> |  | Sheet: <b>1 of 5</b>   |

| Depth (m) | Samples & Testing |        |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                     | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|--------|---------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type   | Results |                            |       |                                                                                                                                                                                           |                   |                         |
| 0.50      | 1                 | ES     |         |                            |       | MADE GROUND: Grey brown clayey subangular to subrounded fine to coarse GRAVEL and COBBLES of slag and clinker.                                                                            | (0.50)            |                         |
| 1.50      | 2                 | ES     |         |                            |       | MADE GROUND: Dark grey brown fine to coarse SAND and GRAVEL of subangular to subrounded slag, clinker and brick.<br><br>... Brown angular cobbles of brick on eastern face of excavation. | (3.20)            |                         |
| 2.50      | 3                 | ES     |         |                            |       |                                                                                                                                                                                           |                   |                         |
| 3.50      | 4                 | ES     |         |                            |       | MADE GROUND: Grey brown slightly gravelly clayey SAND. gravel is subangular to subrounded fine to coarse brick and slag.                                                                  | (0.50)            |                         |
| 4.20      | 5                 | ES     |         |                            |       | MADE GROUND. Greyish brown clayey GRAVEL. Gravel is angular to subrounded of slag, tarmac.                                                                                                | (0.80)            |                         |
| 4.50-5.00 | 1                 | B      |         |                            |       |                                                                                                                                                                                           | 5.00              |                         |
| 5.00-5.45 | 1                 | SPT(c) | N=12    |                            |       | MADE GROUND. Medium dense grey very gravelly CLAY. Gravel is fine to coarse angular to subrounded of tarmac, mudstone and slag comprising clay matrix.                                    |                   |                         |
| 5.50-6.00 | 2                 | B      |         |                            |       |                                                                                                                                                                                           |                   |                         |
| 6.45-6.50 | 3                 | D      |         |                            |       |                                                                                                                                                                                           | (4.00)            |                         |
| 7.50-7.95 | 2                 | SPT    | N=4     |                            |       | ... Becoming very loose at 7.50mbgl.                                                                                                                                                      |                   |                         |
| 8.00-8.50 | 4                 | B      |         |                            |       | ... Occassional cobbles of slag.                                                                                                                                                          | 9.00              |                         |

| Boring Progress and Water Observations                                                            |       |                |              |                        |             | Chiselling / Slow Progress                                                                        |       |                  | General Remarks                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------|-------|----------------|--------------|------------------------|-------------|---------------------------------------------------------------------------------------------------|-------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                                                              | Time  | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                                                                              | To    | Duration (hh:mm) |                                                                                                                                                                                                                                                                        |
| 11/07/24                                                                                          |       |                | 7.00         | N/R                    |             | 19.50                                                                                             | 20.00 | 01:30            | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit mechanically dug to 4.2m depth on 09/07/24 prior to cable percussion borehole.<br>3. Accidental cpt instead of spt at 7.5m<br>4. Borehole collapse and redrilling through sand |
| 12/07/24                                                                                          |       |                | 18.70        | N/R                    | Dry         | 30.00                                                                                             | 32.00 | 00:30            |                                                                                                                                                                                                                                                                        |
| 17/07/24                                                                                          | 08:00 | 19.50          | 19.00        | N/R                    | 9.00        | 34.50                                                                                             | 35.00 | 00:30            |                                                                                                                                                                                                                                                                        |
| 18/07/24                                                                                          |       |                | 36.50        | N/R                    |             | 35.50                                                                                             | 36.70 | 01:20            |                                                                                                                                                                                                                                                                        |
| 19/07/24                                                                                          | 08:30 | 36.50          | 36.50        | N/R                    | 9.00        | 36.75                                                                                             | 37.00 | 01:00            |                                                                                                                                                                                                                                                                        |
| Method Used: <b>Cable Percussion</b>                                                              |       |                |              |                        |             | Plant Used: <b>Dando 3000</b>                                                                     |       |                  | All dimensions in metres                                                                                                                                                                                                                                               |
| Drilled By: <b>CJA</b>                                                                            |       |                |              |                        |             | Logged By: <b>Jagan Raj</b>                                                                       |       |                  | Scale: <b>1:50</b>                                                                                                                                                                                                                                                     |
| Checked By:  |       |                |              |                        |             | Checked By:  |       |                  |                                                                                                                                                                                   |



BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH311</b> |
| Contract Ref: <b>315531</b>           | Start: <b>11.07.24</b><br>End: <b>18.07.24</b> | Ground Level: <b>16.23</b> | National Grid Co-ordinate: <b>E:277024.2 N:186704.4</b> |  | Sheet: <b>2 of 5</b>   |

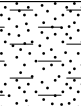
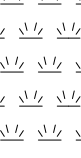
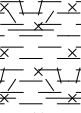
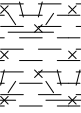
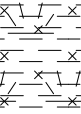
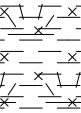
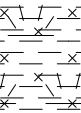
| Depth (m)   | Samples & Testing |        |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                            | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|--------|---------|----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type   | Results |                            |       |                                                                                                                                                  |                   |                         |
| 9.00-9.94   | 5                 | B      |         |                            |       | Blackish grey sandy clayey GRAVEL with medium cobble content of slag. Gravel is angular to subangular of slag. Cobbles subangular to subrounded. | (1.50)            |                         |
| 10.00-10.50 | 6                 | B      |         |                            |       |                                                                                                                                                  | 10.50             |                         |
| 10.50-10.95 | 3                 | SPT    | N=41    |                            |       | Dense grey clayey fine to medium SAND. (BLOWN SAND)                                                                                              |                   |                         |
| 11.50-12.00 | 7                 | D      |         |                            |       | . . . Becoming brown with depth.                                                                                                                 |                   |                         |
| 12.00-12.45 | 4                 | SPT    | N=45    |                            |       |                                                                                                                                                  | (4.50)            |                         |
| 12.00-12.45 | 8                 | D      |         |                            |       |                                                                                                                                                  |                   |                         |
| 13.50-13.95 | 5                 | SPT    | N=40    |                            |       |                                                                                                                                                  | 15.00             |                         |
| 15.00-15.45 | 6                 | SPT    | N=36    |                            |       | Dense dark brown clayey fine to medium SAND. (BLOWN SAND)                                                                                        | (3.75)            |                         |
| 16.95-17.40 | 7                 | SPT(c) | N=46    |                            |       |                                                                                                                                                  |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress    |    |                  | General Remarks                                                                                                                                                                         |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|-------------------------------|----|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                          | To | Duration (hh:mm) |                                                                                                                                                                                         |
|                                        |      |                |              |                        |             |                               |    |                  | from 30m to 33m on 18/07/24.                                                                                                                                                            |
| Method Used: <b>Cable Percussion</b>   |      |                |              |                        |             | Plant Used: <b>Dando 3000</b> |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                             |
| Drilled By: <b>CJA</b>                 |      |                |              |                        |             | Logged By: <b>Jagan Raj</b>   |    |                  | Checked By:   |

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# BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH311</b> |
| Contract Ref: <b>315531</b>           | Start: <b>11.07.24</b><br>End: <b>18.07.24</b> | Ground Level: <b>16.23</b> | National Grid Co-ordinate: <b>E:277024.2 N:186704.4</b> |  | Sheet: <b>3 of 5</b>   |

| Depth (m)   | Samples & Testing |       |          | Backfill & Instrumentation                                                         | Water                                                                              | Description of Strata                                                                                                | Depth (Thickness) | Material Graphic Legend                                                               |
|-------------|-------------------|-------|----------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|
|             | No                | Type  | Results  |                                                                                    |                                                                                    |                                                                                                                      |                   |                                                                                       |
| 18.00-18.45 | 42                | U     | 99 blows |  |  | Dense dark brown clayey fine to medium SAND. (BLOWN SAND)<br><i>(stratum copied from 15.00m from previous sheet)</i> | 18.75             |    |
|             |                   |       |          |                                                                                    |                                                                                    | Stiff brown fibrous PEAT. (TIDAL FLAT DEPOSITS)                                                                      | (1.25)            |    |
| 19.50-19.95 | 8                 | SPT D | N=26     |                                                                                    |                                                                                    |                                                                                                                      | 20.00             |    |
| 19.50-19.95 | 23                |       |          |                                                                                    |                                                                                    |                                                                                                                      |                   |                                                                                       |
| 20.00-20.50 | 24                | B     |          |                                                                                    |                                                                                    | Stiff dark grey sandy silty organic CLAY with occasional pockets of fibrous brown peat (3cm). (TIDAL FLAT DEPOSITS)  |                   |    |
| 21.00-21.45 | 9                 | SPT D | N=34     |                                                                                    |                                                                                    |                                                                                                                      |                   |  |
| 21.00-21.45 | 25                |       |          |                                                                                    |                                                                                    |                                                                                                                      |                   |                                                                                       |
| 21.50-22.00 | 26                | B     |          |                                                                                    |                                                                                    |                                                                                                                      |                   |  |
| 22.50-22.95 | 27                | U     | 28 blows |                                                                                    |                                                                                    |                                                                                                                      | (6.00)            |  |
| 24.00-24.45 | 10                | SPT D | N=37     |                                                                                    |                                                                                    |                                                                                                                      |                   |  |
| 24.00-24.45 | 30                |       |          |                                                                                    |                                                                                    |                                                                                                                      |                   |                                                                                       |
| 25.00-25.50 | 31                | B     |          |                                                                                    |                                                                                    |                                                                                                                      |                   |  |
| 25.50-25.95 | 32                | U     | 70 blows |                                                                                    |                                                                                    |                                                                                                                      |                   |  |
| 25.95-26.00 | 33                | D     |          |                                                                                    |                                                                                    |                                                                                                                      | 26.00             |  |
| 26.00-26.50 | 34                | B     |          |                                                                                    |                                                                                    | Dense dark grey silty SAND. (TIDAL FLAT DEPOSITS)                                                                    |                   |  |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                 |                  | General Remarks      |  |                                                                                                   |                                                                                       |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-----------------|------------------|----------------------|--|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To              | Duration (hh:mm) |                      |  |                                                                                                   |                                                                                       |
|                                        |      |                |              |                        |             |                            |                 |                  |                      |  |                                                                                                   |                                                                                       |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 3000 |             |                            | Drilled By: CJA |                  | Logged By: Jagan Raj |  | Checked By:  |  |

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RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 30/01/25 - 14:49 | JB17 |

# BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH311</b> |
| Contract Ref: <b>315531</b>           | Start: <b>11.07.24</b><br>End: <b>18.07.24</b> | Ground Level: <b>16.23</b> | National Grid Co-ordinate: <b>E:277024.2 N:186704.4</b> |  | Sheet: <b>4 of 5</b>   |

| Depth (m)                  | Samples & Testing |          |                   | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                          | Depth (Thickness) | Material Graphic Legend |
|----------------------------|-------------------|----------|-------------------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|                            | No                | Type     | Results           |                            |       |                                                                                                                                                                                                                                                                                                |                   |                         |
| 27.00-27.45<br>27.00-27.45 | 11<br>35          | SPT<br>D | N=49              |                            |       | Dense dark grey silty SAND.<br>(TIDAL FLAT DEPOSITS)<br>(stratum copied from 26.00m from previous sheet)                                                                                                                                                                                       | (3.50)            |                         |
| 27.45-28.00                | 36                | B        |                   |                            |       |                                                                                                                                                                                                                                                                                                |                   |                         |
| 28.50-28.95<br>28.50-28.95 | 12<br>37          | SPT<br>D | N=41              |                            |       |                                                                                                                                                                                                                                                                                                | 29.50             |                         |
| 29.00-29.50                | 28                | D        |                   |                            |       |                                                                                                                                                                                                                                                                                                |                   |                         |
| 29.50-30.00                | 29                | B        |                   |                            |       | Very stiff dark grey very gravelly CLAY. Gravel is subangular to subrounded fine to coarse siltstone and mudstone with some cobble content of subangular to subrounded mudstone and siltstone. (Weathered South Wales Middle Coal Measures Formation)<br>... BOULDER encountered at 29.5m bgl. | (0.50)<br>30.00   |                         |
| 30.00-30.23                | 13                | SPT      | 11,16/50 for 75mm |                            |       |                                                                                                                                                                                                                                                                                                |                   |                         |
| 30.00-30.20                | 30                | D        |                   |                            |       | Very dense dark grey sandy fine to coarse GRAVEL of mudstone, sandstone and siltstone. (Weathered South Wales Middle Coal Measures Formation)                                                                                                                                                  | (2.50)            |                         |
| 30.50-31.00                | 31                | B        |                   |                            |       |                                                                                                                                                                                                                                                                                                |                   |                         |
| 32.00-32.50                | 32                | D        |                   |                            |       |                                                                                                                                                                                                                                                                                                | 32.50             |                         |
| 32.50-33.00                | 33                | B        |                   |                            |       | Dark grey brown fine to coarse SAND and subrounded to rounded fine GRAVEL of siltstone, mudstone and sandstone.                                                                                                                                                                                | (0.50)<br>33.00   |                         |
| 33.00-33.50                | 34                | B        |                   |                            |       | Dense grey brown clayey subangular to subrounded coarse GRAVEL and subangular to subrounded COBBLES of mudstone. (Weathered South Wales Middle Coal Measures Formation)                                                                                                                        | (3.00)            |                         |
| 33.50-33.95<br>33.50-33.95 | 14<br>35          | SPT<br>D | N=31              |                            |       |                                                                                                                                                                                                                                                                                                |                   |                         |
| 34.00-34.50                | 36                | B        |                   |                            |       |                                                                                                                                                                                                                                                                                                |                   |                         |
| 35.00-35.35                | 37                | D        |                   |                            |       |                                                                                                                                                                                                                                                                                                |                   |                         |
| 35.50-36.00                | 38                | B        |                   |                            |       |                                                                                                                                                                                                                                                                                                | 36.00             |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                 |                  | General Remarks                                                                                                                                                                         |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To              | Duration (hh:mm) |                                                                                                                                                                                         |  |
|                                        |      |                |              |                        |             |                            |                 |                  |                                                                                                                                                                                         |  |
|                                        |      |                |              |                        |             |                            |                 |                  |                                                                                                                                                                                         |  |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 3000 |             |                            | Drilled By: CJA |                  | Logged By: Jagan Raj                                                                                                                                                                    |  |
|                                        |      |                |              |                        |             |                            |                 |                  | Checked By:   |  |



BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH311</b> |
| Contract Ref: <b>315531</b>           | Start: <b>11.07.24</b><br>End: <b>18.07.24</b> | Ground Level: <b>16.23</b> | National Grid Co-ordinate: <b>E:277024.2 N:186704.4</b> |  | Sheet: <b>5 of 5</b>   |

| Depth<br>(m)                                                       | Samples & Testing |        |                      | Backfill &<br>Instru-<br>mentation | Water | Description of Strata                                                                                                       | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|--------------------------------------------------------------------|-------------------|--------|----------------------|------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
|                                                                    | No                | Type   | Results              |                                    |       |                                                                                                                             |                           |                               |
| 36.50-36.73                                                        | 15                | SPT    | 10,13/50<br>for 75mm |                                    |       | MUDSTONE. Recovered as dark grey brown angular to subangular fine to coarse GRAVEL of mudstone. (SOUTH WALES COAL MEASURES) | (1.45)                    |                               |
| 36.50-36.75                                                        | 39                | D      | NP                   |                                    |       |                                                                                                                             |                           |                               |
| 36.75-37.00                                                        | 40                | D      |                      |                                    |       |                                                                                                                             |                           |                               |
| 37.00-37.08                                                        | 16                | SPT(c) |                      |                                    |       |                                                                                                                             |                           |                               |
| 37.00-37.20                                                        | 41                | B      |                      |                                    |       |                                                                                                                             |                           |                               |
| Borehole terminated on refusal at 37.2m bgl upon reaching bedrock. |                   |        |                      |                                    |       |                                                                                                                             | 37.45                     |                               |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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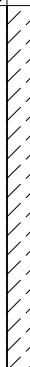
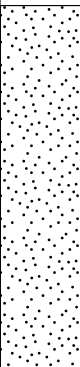
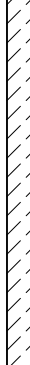
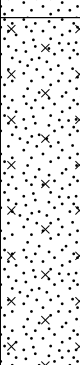
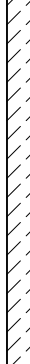
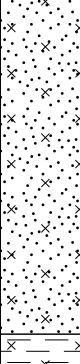
# BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH312</b> |
| Contract Ref: <b>315531</b>           | Start: <b>08.07.24</b><br>End: <b>16.07.24</b> | Ground Level: <b>15.86</b> | National Grid Co-ordinate: <b>E:277040.9 N:186643.8</b> |  | Sheet: <b>1 of 5</b>   |

| Depth (m) | Samples & Testing |      |                       | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                 | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|-----------------------|----------------|---------|---------|---------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type | Results               | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                                                       |                   |                         |
| 0.50      | 1                 | ES   |                       |                |         |         |         |                            |       | MADE GROUND: grey clayey GRAVEL with some cobble content. Gravel is subangular to subrounded fine to coarse metal, slag, clinker, concrete and rare brick. Cobbles are subrounded slag.                                               | (1.20)            |                         |
| 1.50      | 2                 | ES   |                       |                |         |         |         |                            |       | MADE GROUND: grey brown clayey fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of concrete, brick and slag with moderate ash content.                                                                          | (1.50)            |                         |
| 2.70      | 3                 | ES   |                       |                |         |         |         |                            |       | MADE GROUND: brown gravelly CLAY. Gravel is subangular to subrounded fine to coarse slag.                                                                                                                                             | (1.00)            |                         |
| 3.00-3.50 | 1                 | B    |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                       |                   |                         |
| 3.50-4.00 | 2                 | B    |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                       |                   |                         |
| 3.70      | 4                 | ES   |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                       |                   |                         |
| 4.00-4.50 | 3                 | B    |                       |                |         |         |         |                            |       | MADE GROUND: dark green grey slightly gravelly CLAY with a slight organic odour. Gravel is subangular to subrounded fine to coarse slag, rubber, plastic, brick. . . . Remains of rubber tyre recovered approximately 1m in diameter. | 4.00              |                         |
| 5.00-5.45 | 1                 | SPT  | N=9                   |                |         |         |         |                            |       | MADE GROUND: Loose (from 5.00m) dark grey clayey fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of brick, clinker and slag with moderate ash content.                                                         | (2.00)            |                         |
| 5.00-5.45 | 5                 | D    |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                       |                   |                         |
| 5.00-5.50 | 6                 | B    |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                       |                   |                         |
| 5.50-6.00 | 7                 | B    |                       |                |         |         |         |                            |       | . . . Band of dark grey slightly sandy clay. sand is fine to coarse.                                                                                                                                                                  | 6.00              |                         |
| 6.00-6.38 | 2                 | SPT  | 5,6/13,18,19 for 75mm |                |         |         |         |                            |       | Very dense yellow brown SAND. (BLOWN SAND)                                                                                                                                                                                            | (0.50)            |                         |
| 6.00      | 5                 | ES   |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                       |                   |                         |
| 6.00-6.38 | 8                 | D    |                       |                |         |         |         |                            |       | Very dense yellow brown poorly cemented subrounded to rounded coarse GRAVEL of sandstone with some cobble content of like material.                                                                                                   | (1.00)            |                         |
| 7.00-7.18 | 3                 | SPT  | 8,17/50 for 45mm      |                |         |         |         |                            |       |                                                                                                                                                                                                                                       |                   |                         |
| 7.50-7.68 | 11                | D    |                       |                |         |         |         |                            |       | Very dense yellow brown fine to coarse SAND. (BLOWN SAND)                                                                                                                                                                             | 7.50              |                         |
| 8.50-9.20 | 12                | B    |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                       |                   |                         |

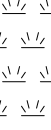
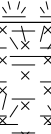
| Boring Progress and Water Observations           |       |                |              |                                       |             | Chiselling / Slow Progress |       |                      | General Remarks                                                                                                                                               |                                                                                                   |
|--------------------------------------------------|-------|----------------|--------------|---------------------------------------|-------------|----------------------------|-------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Date                                             | Time  | Borehole Depth | Casing Depth | Borehole Diameter (mm)                | Water Depth | From                       | To    | Duration (hh:mm)     |                                                                                                                                                               |                                                                                                   |
| 09/07/24                                         | 16:00 | 12.00          | 12.00        | N/R                                   | 10.00       | 6.50                       | 6.80  | 00:30                | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit mechanically dug to 4.1m depth on 08/07/24 prior to cable percussion. |                                                                                                   |
| 10/07/24                                         | 08:30 | 10.52          | 12.00        | N/R                                   | 8.71        | 7.10                       | 7.30  | 00:45                |                                                                                                                                                               |                                                                                                   |
| 10/07/24                                         | 16:00 | 18.50          | 18.00        | N/R                                   | 8.00        | 8.20                       | 8.30  | 00:15                |                                                                                                                                                               |                                                                                                   |
| 11/07/24                                         | 08:30 | 16.60          | 18.00        | N/R                                   | 13.30       | 30.20                      | 30.50 | 01:00                |                                                                                                                                                               |                                                                                                   |
| 11/07/24                                         | 16:00 | 30.50          | 30.50        | N/R                                   | 23.00       | 30.50                      | 31.50 | 03:00                |                                                                                                                                                               |                                                                                                   |
| 12/07/24                                         | 08:30 | 28.53          | 30.50        | N/R                                   | 16.52       | 31.50                      | 32.20 | 03:00                |                                                                                                                                                               |                                                                                                   |
| 12/07/24                                         | 14:00 | 32.20          | 32.20        | N/R                                   | 15.40       |                            |       |                      |                                                                                                                                                               |                                                                                                   |
|                                                  |       |                |              |                                       |             |                            |       |                      | All dimensions in metres                                                                                                                                      |                                                                                                   |
| Method Used: Inspection pit + Cable Percussion + |       |                |              | Plant Used: Dando 3000 + Beretta T.51 |             | Drilled By: CJA            |       | Logged By: Jagan Raj |                                                                                                                                                               | Checked By:  |
|                                                  |       |                |              |                                       |             |                            |       |                      |                                                                                                                                                               |              |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH312</b>  |
| Contract Ref:               | Start: <b>08.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>16.07.24</b>   | <b>15.86</b>      | <b>E:277040.9 N:186643.8</b> | <b>2 of 5</b> |

| Depth<br>(m) | Samples & Testing |      |                       | Mechanical Log |            |            |            | Backfill & Instru-<br>mentation                                                     | Water | Description of Strata                                                                                                      | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                         |
|--------------|-------------------|------|-----------------------|----------------|------------|------------|------------|-------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|
|              | No                | Type | Results               | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 9.20-9.35    | 4                 | SPT  | 15,10/32,18<br>for mm |                |            |            |            |    |       | Very dense yellow brown fine to coarse SAND.<br>(BLOWN SAND)<br><i>(stratum copied from 7.50m from previous<br/>sheet)</i> | (4.00)                    |    |
| 9.20-9.45    | 13                | D    |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 10.00-10.50  | 14                | B    |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 10.50-11.00  | 16                | B    | N=11                  |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 10.95-11.40  | 5                 | SPT  |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
|              |                   |      |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
|              |                   |      |                       |                |            |            |            |                                                                                     |       | 11.50                                                                                                                      |                           |                                                                                       |
| 12.00-12.45  | 6                 | SPT  | N=7                   |                |            |            |            |   |       | Loose and occasionally medium dense dark<br>green grey silty fine SAND.<br>(TIDAL FLAT DEPOSITS)                           | (4.50)                    |   |
| 12.00-12.50  | 19                | B    |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 13.00-13.50  | 20                | B    |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 13.50-13.95  | 7                 | SPT  | N=18                  |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 13.50-13.95  | 21                | D    |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 14.00-14.50  | 22                | B    |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 14.50-15.00  | 23                | B    | N=6                   |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 15.00-15.45  | 8                 | SPT  |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 15.00-15.45  | 24                | D    |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
|              |                   |      |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
| 16.00-16.50  | 25                | B    |                       |                |            |            |            |  |       | Soft dark grey silty CLAY.<br>(TIDAL FLAT DEPOSITS)                                                                        | (2.00)                    |  |
|              |                   |      |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
|              |                   |      |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
|              |                   |      |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
|              |                   |      |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
|              |                   |      |                       |                |            |            |            |                                                                                     |       |                                                                                                                            |                           |                                                                                       |
|              |                   |      |                       |                |            |            |            |                                                                                     |       | 18.00                                                                                                                      |                           |                                                                                       |

| Boring Progress and Water Observations |      |                                     |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |     |            |  |           |             |  |                                                                                       |                                                                                       |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|-----|------------|--|-----------|-------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |     |            |  |           |             |  |                                                                                       |                                                                                       |
|                                        |      |                                     |              |                        |             |                            |    |                  |                 |     |            |  |           |             |  |                                                                                       |                                                                                       |
| Method Used:                           |      | Inspection pit + Cable Percussion + |              | Plant Used:            |             | Dando 3000 + Beretta T.51  |    | Drilled By:      |                 | CJA | Logged By: |  | Jagan Raj | Checked By: |  |  |  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH312</b>  |
| Contract Ref:               | Start: <b>08.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>16.07.24</b>   | <b>15.86</b>      | <b>E:277040.9 N:186643.8</b> | <b>3 of 5</b> |

| Depth<br>(m) | Samples & Testing |      |                          | Mechanical Log |            |            |            | Backfill & Instru-<br>mentation                                                    | Water | Description of Strata                                                             | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                         |  |
|--------------|-------------------|------|--------------------------|----------------|------------|------------|------------|------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|--|
|              | No                | Type | Results                  | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 18.00-18.45  | 9                 | SPT  | N=34                     |                |            |            |            |  |       | Stiff brown fibrous PEAT.<br>(TIDAL FLAT DEPOSITS)                                | (1.50)                    |    |  |
| 19.00-19.50  | 26                | B    |                          |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 19.50-19.95  | 27                | U    | 27 blows<br>22% recovery |                |            |            |            |                                                                                    |       | Stiff grey peaty clayey SILT. Moderate organic<br>odour.<br>(TIDAL FLAT DEPOSITS) | 19.50                     |    |  |
| 19.95-20.10  | 28                | D    |                          |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 20.50-21.00  | 29                | B    |                          |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 20.50-21.00  | 33                | B    |                          |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 21.00-21.45  | 10                | SPT  | N=6                      |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 21.00-21.45  | 30                | D    |                          |                |            |            |            |                                                                                    |       | . . . Becoming soft at 21.0mbg                                                    |                           |                                                                                       |  |
| 22.00-22.50  | 31                | B    |                          |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 22.50-22.95  | 32                | U    | 16 blows<br>22% recovery |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 22.95-23.10  | 33                | D    |                          |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 24.00-24.45  | 11                | SPT  | N=4                      |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 24.00-24.45  | 34                | D    |                          |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 25.00-25.50  | 35                | B    |                          |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 25.50-25.95  | 36                | U    | 36 blows<br>22% recovery |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 25.95-26.10  | 37                | D    |                          |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
| 26.50-27.00  | 38                | B    |                          |                |            |            |            |                                                                                    |       |                                                                                   |                           |                                                                                       |  |
|              |                   |      |                          |                |            |            |            |                                                                                    |       |                                                                                   | 27.00                     |  |  |

| Boring Progress and Water Observations |                                            |                |              |                                  |             | Chiselling / Slow Progress |             |                  | General Remarks          |                                                                                                  |
|----------------------------------------|--------------------------------------------|----------------|--------------|----------------------------------|-------------|----------------------------|-------------|------------------|--------------------------|--------------------------------------------------------------------------------------------------|
| Date                                   | Time                                       | Borehole Depth | Casing Depth | Borehole Diameter (mm)           | Water Depth | From                       | To          | Duration (hh:mm) |                          |                                                                                                  |
|                                        |                                            |                |              |                                  |             |                            |             |                  |                          |                                                                                                  |
|                                        |                                            |                |              |                                  |             |                            |             |                  | All dimensions in metres | Scale: <b>1:50</b>                                                                               |
| Method Used:                           | <b>Inspection pit + Cable Percussion +</b> |                | Plant Used:  | <b>Dando 3000 + Beretta T.51</b> |             |                            | Drilled By: | <b>CJA</b>       | Logged By:               | <b>Jagan Raj</b>                                                                                 |
|                                        |                                            |                |              |                                  |             |                            |             |                  | Checked By:              |  <b>AGS</b> |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH312</b>  |
| Contract Ref:               | Start: <b>08.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>16.07.24</b>   | <b>15.86</b>      | <b>E:277040.9 N:186643.8</b> | <b>4 of 5</b> |

| Depth<br>(m)               | Samples & Testing |          |                          | Mechanical Log |            |            |            | Backfill & Instrumentation | Water                                                                                                                                                                                                                                                                                           | Description of Strata                       | Depth<br>(Thickness)                                                                 | Material<br>Graphic<br>Legend |  |
|----------------------------|-------------------|----------|--------------------------|----------------|------------|------------|------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------|--|
|                            | No                | Type     | Results                  | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                            |                                                                                                                                                                                                                                                                                                 |                                             |                                                                                      |                               |  |
| 27.00-27.45<br>27.00-27.45 | 12<br>39          | SPT<br>D | N=14                     |                |            |            |            |                            |                                                                                                                                                                                                                                                                                                 | Firm greyish brown sandy clayey silty PEAT. | (0.70)<br>27.70                                                                      |                               |  |
| 28.00-28.50                | 40                | B        |                          |                |            |            |            |                            | Firm greyish brown very gravelly sandy silty CLAY with low cobble content. Sand is fine to medium. Gravel is fine to coarse subangular to subrounded of Mudstone siltstone. Cobbles are subangular to subrounded of mudstone siltstone. (Weathered South Wales Middle Coal Measures Formation). | (4.50)                                      |                                                                                      |                               |  |
| 28.50-29.00                | 41                | D        |                          |                |            |            |            |                            |                                                                                                                                                                                                                                                                                                 |                                             |                                                                                      |                               |  |
| 31.00-31.50                | 50                | B        |                          |                |            |            |            |                            |                                                                                                                                                                                                                                                                                                 |                                             |                                                                                      |                               |  |
| 31.50-31.73                | 13                | SPT      | 25,33/17<br>for 75mm     |                |            |            |            |                            |                                                                                                                                                                                                                                                                                                 |                                             |                                                                                      |                               |  |
| 31.50-31.73                | 51                | D        |                          |                |            |            |            |                            |                                                                                                                                                                                                                                                                                                 |                                             |                                                                                      |                               |  |
|                            |                   |          |                          |                |            |            |            |                            |                                                                                                                                                                                                                                                                                                 |                                             |                                                                                      |                               |  |
|                            |                   |          |                          |                |            |            |            |                            |                                                                                                                                                                                                                                                                                                 |                                             | BOULDER of sandstone. (Weathered South Wales Middle Coal Measures Formation).        | (0.80)<br>33.00               |  |
|                            |                   |          |                          |                |            |            |            |                            |                                                                                                                                                                                                                                                                                                 |                                             | Clay. (Drillers Description) (Weathered South Wales Middle Coal Measures Formation). | (1.70)<br>34.70               |  |
| 35.00-35.08                | 14                | SPT(c)   | 25,33/17/100<br>for 75mm |                |            |            |            |                            |                                                                                                                                                                                                                                                                                                 |                                             | Mudstone. (Drillers Description) (SOUTH WALES COAL MEASURES)                         |                               |  |

| Boring Progress and Water Observations |                                                    |                |              |                        |                           | Chiselling / Slow Progress |             |                  | General Remarks          |             |             |    |     |
|----------------------------------------|----------------------------------------------------|----------------|--------------|------------------------|---------------------------|----------------------------|-------------|------------------|--------------------------|-------------|-------------|----|-----|
| Date                                   | Time                                               | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth               | From                       | To          | Duration (hh:mm) |                          |             |             |    |     |
|                                        |                                                    |                |              |                        |                           |                            |             |                  |                          |             |             |    |     |
|                                        |                                                    |                |              |                        |                           |                            |             |                  | All dimensions in metres | Scale: 1:50 |             |    |     |
| Method Used:                           | Inspection pit + Cable Percussion + Electric Auger |                |              | Plant Used:            | Dando 3000 + Beretta T.51 |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj   | Checked By: | ZB | AGS |



BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH312</b> |
| Contract Ref: <b>315531</b>           | Start: <b>08.07.24</b><br>End: <b>16.07.24</b> | Ground Level: <b>15.86</b> | National Grid Co-ordinate: <b>E:277040.9 N:186643.8</b> |  | Sheet: <b>5 of 5</b>   |

| Depth (m)   | Samples & Testing |        |                           | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                         | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|--------|---------------------------|----------------|---------|---------|---------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type   | Results                   | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                               |                   |                         |
| 38.00-38.08 | 15                | SPT(c) | 25.33/17/100/100 for 75mm |                |         |         |         |                            |       | Mudstone. (Drillers Description) (SOUTH WALES COAL MEASURES) (stratum copied from 34.70m from previous sheet) | (3.75)            |                         |
|             |                   |        |                           |                |         |         |         |                            |       |                                                                                                               | 38.45             |                         |

| Boring Progress and Water Observations                                   |      |                                              |              |                        |             | Chiselling / Slow Progress  |    |                        | General Remarks |                                             |
|--------------------------------------------------------------------------|------|----------------------------------------------|--------------|------------------------|-------------|-----------------------------|----|------------------------|-----------------|---------------------------------------------|
| Date                                                                     | Time | Borehole Depth                               | Casing Depth | Borehole Diameter (mm) | Water Depth | From                        | To | Duration (hh:mm)       |                 |                                             |
|                                                                          |      |                                              |              |                        |             |                             |    |                        |                 |                                             |
| Method Used: <b>Inspection pit + Cable Percussion + Rotary open hole</b> |      | Plant Used: <b>Dando 3000 + Beretta T.51</b> |              | Drilled By: <b>CJA</b> |             | Logged By: <b>Jagan Raj</b> |    | Checked By: <b>AGS</b> |                 | All dimensions in metres Scale: <b>1:50</b> |

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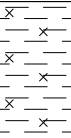
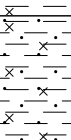
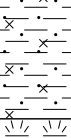
# BOREHOLE LOG

|                                       |                                                |                          |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH313</b> |
| Contract Ref: <b>315531</b>           | Start: <b>19.09.24</b><br>End: <b>25.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277293.0 N:186650.0</b> |  | Sheet: <b>1 of 4</b>   |

| Depth (m) | Samples & Testing |        |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                            | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|--------|---------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type   | Results |                            |       |                                                                                                                                                                                  |                   |                         |
| 0.20-0.80 | 1                 | B      |         |                            |       | CONCRETE                                                                                                                                                                         | 0.20              |                         |
| 0.50      | Es1               | ES     |         |                            |       | MADE GROUND : Dark brownish grey to black silty sandy angular fine to coarse GRAVEL of slag, tarmac, brick, concrete. Sand is fine to coarse. Rare angular cobbles of sandstone. | (1.00)            |                         |
| 0.80-1.20 | 2                 | B      |         |                            |       |                                                                                                                                                                                  | 1.20              |                         |
| 1.00      | Es2               | ES     |         |                            |       |                                                                                                                                                                                  |                   |                         |
| 1.20-1.65 | 1                 | SPT(c) | N=11    |                            |       | MADE GROUND: Medium dense yellow brown slightly gravelly fine to coarse SAND. Gravel is angular fine to coarse of slag and sandstone. (Reworked natural).                        |                   |                         |
| 1.20-1.60 | 3                 | B      |         |                            |       |                                                                                                                                                                                  | (1.80)            |                         |
| 1.60-2.00 | 4                 | B      |         |                            |       |                                                                                                                                                                                  |                   |                         |
| 2.00-2.45 | 2                 | SPT(c) | N=16    |                            |       |                                                                                                                                                                                  |                   |                         |
| 2.00-2.50 | 5                 | B      |         |                            |       |                                                                                                                                                                                  |                   |                         |
| 2.50-3.00 | 6                 | B      |         |                            |       |                                                                                                                                                                                  | 3.00              |                         |
| 3.00-3.45 | 3                 | SPT(c) | N=7     |                            |       | Loose yellow brown fine to coarse SAND. (BLOWNSAND).                                                                                                                             |                   |                         |
| 3.60-4.10 | 8                 | B      |         |                            |       |                                                                                                                                                                                  |                   |                         |
| 4.10-4.55 | 4                 | SPT(c) | N=7     |                            |       | . . . Becomes greyish brown at 4.0m bgl                                                                                                                                          |                   |                         |
| 4.10-4.55 | 9                 | D      |         |                            |       |                                                                                                                                                                                  |                   |                         |
| 4.60-5.10 | 10                | B      |         |                            |       |                                                                                                                                                                                  | (4.00)            |                         |
| 5.10-5.60 | 11                | B      |         |                            |       |                                                                                                                                                                                  |                   |                         |
| 5.60-6.10 | 12                | B      |         |                            |       |                                                                                                                                                                                  |                   |                         |
| 6.10-6.55 | 6                 | SPT    | N=28    |                            |       | . . . Becomes medium dense at 6.1m bgl.                                                                                                                                          |                   |                         |
| 6.10-6.60 | 13                | B      |         |                            |       |                                                                                                                                                                                  | 7.00              |                         |
| 7.00-7.50 | 14                | B      |         |                            |       | Firm greyish brown silty CLAY. (TIDAL FLAT DEPOSITS)                                                                                                                             |                   |                         |
| 7.50-7.95 | 7                 | SPT    | N=12    |                            |       | . . . Because firm at 7.5m bgl.                                                                                                                                                  |                   |                         |
| 7.50-7.95 | 15                | D      |         |                            |       |                                                                                                                                                                                  |                   |                         |
| 8.40-8.85 | 8                 | SPT    | N=12    |                            |       |                                                                                                                                                                                  | (3.00)            |                         |
| 8.50-9.00 | 16                | B      |         |                            |       |                                                                                                                                                                                  |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress        |    |                  | General Remarks                                                                                                                                                                                                                                   |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|-----------------------------------|----|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm) |                                                                                                                                                                                                                                                   |
|                                        |      |                |              |                        |             |                                   |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit hand dug to 1.2m depth.<br>3. Groundwater encountered at 5.6m depth.<br>4. Chiselling 26.80-27.00m for 1 hour, Chiselling 27.50-27.80m for 1 hour 15mins. |
| Method Used: <b>Cable Percussion</b>   |      |                |              |                        |             | Plant Used: <b>Dando 3000</b>     |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                                                                       |
| Drilled By: <b>CJA</b>                 |      |                |              |                        |             | Logged By: <b>Rachael Lockyer</b> |    |                  | Checked By:  <b>AGS</b>                                                                                                                                      |

|                                          |  |                                                |                              |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH313</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>19.09.24</b><br>End: <b>25.09.24</b> | Ground Level:<br><b>---</b>  | National Grid Co-ordinate:<br><b>E:277293.0 N:186650.0</b> | Sheet:<br><b>2 of 4</b>   |

| Depth<br>(m) | Samples & Testing |      |                           | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                          | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                        |
|--------------|-------------------|------|---------------------------|---------------------------------|-------|----------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------|
|              | No                | Type | Results                   |                                 |       |                                                                                                                |                           |                                                                                      |
| 9.00-9.45    | 17                | UT   | 25 blows<br>100% recovery |                                 |       | Firm greyish brown silty CLAY. (TIDAL FLAT DEPOSITS)<br><i>(stratum copied from 7.00m from previous sheet)</i> | 10.00                     |   |
| 9.45-9.60    | 18                | D    |                           |                                 |       |                                                                                                                |                           |                                                                                      |
| 10.00-10.75  | 19                | B    |                           |                                 |       |                                                                                                                |                           |                                                                                      |
| 10.70-11.15  | 20                | D    |                           |                                 |       | Soft to firm greyish brown slightly sandy silty CLAY with frequent shells. Sand is fine. (TIDAL FLAT DEPOSITS) | (1.60)                    |   |
| 11.60-12.10  | 21                | B    |                           |                                 |       |                                                                                                                |                           |                                                                                      |
| 12.10-12.55  | 22                | UT   | 46 blows<br>100% recovery |                                 |       |                                                                                                                |                           |                                                                                      |
| 12.55-12.70  | 23                | D    |                           |                                 |       | Firm to stiff dark brown mottled orange brown fibrous PEAT. (TIDAL FLAT DEPOSITS).                             | 11.60                     |   |
| 13.00-13.60  | 24                | B    |                           |                                 |       |                                                                                                                |                           |                                                                                      |
| 13.60-14.05  | 9                 | SPT  | N=5                       |                                 |       |                                                                                                                |                           |                                                                                      |
| 13.60-14.05  | 25                | D    |                           |                                 |       | ... Becomes soft at 13.6m bgl                                                                                  | 12.40                     |   |
| 14.50-15.00  | 26                | B    |                           |                                 |       |                                                                                                                |                           |                                                                                      |
| 15.00-15.45  | 27                | UT   | 8 blows<br>70% recovery   |                                 |       |                                                                                                                |                           |                                                                                      |
| 15.45-15.60  | 28                | D    |                           |                                 |       |                                                                                                                |                           |                                                                                      |
| 16.00-16.50  | 29                | B    |                           |                                 |       |                                                                                                                |                           |                                                                                      |
| 16.50-16.95  | 11                | SPT  | N=8                       |                                 |       |                                                                                                                |                           |                                                                                      |
| 16.50-16.95  | 30                | D    |                           |                                 |       |                                                                                                                |                           |  |
| 17.50-18.00  | 31                | B    |                           |                                 |       |                                                                                                                |                           |                                                                                      |
|              |                   |      |                           |                                 |       |                                                                                                                |                           | 18.00                                                                                |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                 |                  | General Remarks            |                                                                                                   |                                                                                                   |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-----------------|------------------|----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To              | Duration (hh:mm) |                            |                                                                                                   |                                                                                                   |
|                                        |      |                |              |                        |             |                            |                 |                  |                            |                                                                                                   |                                                                                                   |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 3000 |             |                            | Drilled By: CJA |                  | Logged By: Rachael Lockyer | Checked By:  | Scale: 1:50  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH313</b>  |
| Contract Ref:               | Start: <b>19.09.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>25.09.24</b>   | <b>---</b>        | <b>E:277293.0 N:186650.0</b> | <b>3 of 4</b> |

| Depth<br>(m) | Samples & Testing |      |                            | Backfill & Instru-<br>mentation | Water                                                          | Description of Strata                                                                                                                                                                                                        | Depth<br>(Thick-<br>ness)                                                             | Material<br>Graphic<br>Legend                                                       |
|--------------|-------------------|------|----------------------------|---------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|              | No                | Type | Results                    |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 18.00-18.45  | 32                | UT   | 40 blows<br>100% recovery  |                                 |                                                                | Dense brown subangular to subrounded fine to coarse GRAVEL of mudstone and sandstone. (GLACIOFLUVIAL DEPOSITS)                                                                                                               | (2.50)                                                                                |  |
| 18.45-18.60  | 33                | D    |                            |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 19.00-19.50  | 34                | B    |                            |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 19.50-19.89  | 10                | SPT  | 5,7/11,14,16,9<br>for 15mm |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 19.50-19.95  | 35                | D    |                            |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 20.50-21.00  | 36                | B    |                            |                                 |                                                                | Greyish brown clayey slightly sandy subangular to subrounded fine to coarse GRAVEL of mudstone and sandstone. (GLACIOFLUVIAL DEPOSITS).                                                                                      | (0.50)                                                                                |  |
| 21.00-21.45  | 12                | SPT  | N=27                       |                                 |                                                                | Medium dense becoming dense and very dense grey clayey angular fine to coarse GRAVEL and COBBLES of siltstone and mudstone. (Weathered South Wales Middle Coal Measures Formation)<br>... Becomes medium dense at 21.0m bgl. | 21.00                                                                                 |  |
| 21.00-21.45  | 37                | D    |                            |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 22.00-22.50  | 38                | B    |                            |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 22.50-22.95  | 13                | SPT  | N=24                       |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 22.50-22.95  | 39                | D    |                            |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 23.50-24.00  | 40                | B    |                            |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 24.00-24.45  | 14                | SPT  | N=45                       |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 24.00-24.45  | 41                | D    |                            |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 25.00-25.50  | 42                | B    |                            |                                 |                                                                | (6.70)                                                                                                                                                                                                                       |   |                                                                                     |
| 25.50-25.95  | 15                | SPT  | N=46                       |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 25.50-25.95  | 43                | B    |                            |                                 |                                                                |                                                                                                                                                                                                                              |                                                                                       |                                                                                     |
| 26.50-27.00  | 44                | B    |                            |                                 | Becomes brown with occasional boulders between 26.30-27.7mbgl. |                                                                                                                                                                                                                              |  |                                                                                     |

| Boring Progress and Water Observations |      |                |              |                                                                                                   |             | Chiselling / Slow Progress |                                                                                           |                  | General Remarks          |  |
|----------------------------------------|------|----------------|--------------|---------------------------------------------------------------------------------------------------|-------------|----------------------------|-------------------------------------------------------------------------------------------|------------------|--------------------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm)                                                                            | Water Depth | From                       | To                                                                                        | Duration (hh:mm) |                          |  |
|                                        |      |                |              |                                                                                                   |             |                            |                                                                                           |                  |                          |  |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 3000                                                                            |             |                            | Drilled By: CJA                                                                           |                  | All dimensions in metres |  |
|                                        |      |                |              |                                                                                                   |             |                            |                                                                                           |                  | Scale: 1:50              |  |
| Logged By: Rachael Lockyer             |      |                |              | Checked By:  |             |                            | AGS  |                  |                          |  |



BOREHOLE LOG

|                                       |                                                |                          |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH313</b> |
| Contract Ref: <b>315531</b>           | Start: <b>19.09.24</b><br>End: <b>25.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277293.0 N:186650.0</b> |  | Sheet: <b>4 of 4</b>   |

| Depth (m)   | Samples & Testing |      |                      | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                              | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|----------------------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type | Results              |                            |       |                                                                                                                                                                                    |                   |                         |
| 27.00-27.30 | 16                | SPT  | 25,13/14,23 for 75mm |                            |       | Medium dense becoming dense and very dense grey clayey angular fine to coarse GRAVEL and COBBLES of siltstone and mudstone. (Weathered South Wales Middle Coal Measures Formation) |                   |                         |
| 27.00-27.30 | 45                | D    |                      |                            |       | . . . Becomes medium dense at 21.0m bgl.(stratum copied from 21.00m from previous sheet)                                                                                           | 27.70             |                         |
| 27.30-27.80 | 46                | B    |                      |                            |       | Greyish brown SILTSTONE.                                                                                                                                                           | 27.80             | x x x x                 |
| 27.80       | 47                | D    |                      |                            |       | Terminated at 27.8mbgl                                                                                                                                                             |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                 |                  | General Remarks                                                                                   |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-----------------|------------------|---------------------------------------------------------------------------------------------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To              | Duration (hh:mm) |                                                                                                   |  |
|                                        |      |                |              |                        |             |                            |                 |                  |                                                                                                   |  |
|                                        |      |                |              |                        |             |                            |                 |                  |                                                                                                   |  |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 3000 |             |                            | Drilled By: CJA |                  | Logged By: Rachael Lockyer                                                                        |  |
|                                        |      |                |              |                        |             |                            |                 |                  | Checked By:  |  |
|                                        |      |                |              |                        |             |                            |                 |                  |              |  |

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# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH314</b> |
| Contract Ref: <b>315531</b>           | Start: <b>17.07.24</b><br>End: <b>14.08.24</b> | Ground Level: <b>7.90</b> | National Grid Co-ordinate: <b>E:277380.4 N:186542.3</b> |  | Sheet: <b>1 of 3</b>   |

| Depth (m)                 | Samples & Testing |                |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                  | Depth (Thickness) | Material Graphic Legend |
|---------------------------|-------------------|----------------|---------|----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|                           | No                | Type           | Results |                            |       |                                                                                                                                                                                                                                                        |                   |                         |
| 0.25<br>0.25              | ES1               | ES<br>PID      | 0.0ppm  |                            |       | ASPHALT recovered as gravel and cobbles.<br>MADE GROUND. Medium dense dark greyish brown sandy angular fine to coarse GRAVEL of various lithologies including limestone and slag. Sand is fine to coarse.<br>... Layer of compacted slag at 0.30m bgl. | 0.10              |                         |
| 2.20-2.65                 | 1                 | SPT(c)         | N=10    |                            |       |                                                                                                                                                                                                                                                        |                   |                         |
| 2.50-3.00<br>2.50<br>2.50 | B1<br>ES2         | B<br>ES<br>PID | 0.0ppm  |                            |       |                                                                                                                                                                                                                                                        |                   |                         |
| 3.00-3.45                 | 2                 | SPT(c)         | N=6     |                            |       |                                                                                                                                                                                                                                                        | (6.20)            |                         |
| 3.50-4.00                 | B2                | B              |         |                            |       |                                                                                                                                                                                                                                                        |                   |                         |
| 4.00-4.45                 | 3                 | SPT(c)         | N=17    |                            |       |                                                                                                                                                                                                                                                        |                   |                         |
| 4.50-5.00                 | B3                | B              |         |                            |       |                                                                                                                                                                                                                                                        |                   |                         |
| 5.00-5.45                 | 4                 | SPT(c)         | N=9     |                            |       |                                                                                                                                                                                                                                                        |                   |                         |
| 5.50-6.00<br>5.50<br>5.50 | B4<br>ES3         | B<br>ES<br>PID | 0.0ppm  |                            |       |                                                                                                                                                                                                                                                        |                   |                         |
| 6.00-6.45                 | 5                 | SPT(c)         | N=8     |                            |       |                                                                                                                                                                                                                                                        | 6.30              |                         |
| 6.30-6.90<br>6.30<br>6.30 | B5<br>ES4         | B<br>ES<br>PID | 0.0ppm  |                            |       | Firm dark greyish brown black slightly sandy silty CLAY with frequent organic matter. Sand is fine to coarse. Organic matter is angular to subangular fine to coarse pseudo-fibrous to amorphous. Moderate organic odour.                              | (1.50)            |                         |
| 7.50-7.95                 | 6                 | SPT            | N=4     |                            |       |                                                                                                                                                                                                                                                        | 7.80              |                         |
| 8.50-9.00                 | B6                | B              |         |                            |       | Soft brownish grey slightly sandy silty CLAY. Sand is fine. Occasional relict rootlets. Slight organic odour.                                                                                                                                          | (1.30)            |                         |

| Boring Progress and Water Observations                |      |                |              |                        |             | Chiselling / Slow Progress        |    |                  | General Remarks                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|------|----------------|--------------|------------------------|-------------|-----------------------------------|----|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                  | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm) |                                                                                                                                                                                                                                                                      |
|                                                       |      |                |              |                        |             |                                   |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 2.20m depth. 300mm diameter pipe installed prior to backfilling to allow cable percussive drilling to commence.<br>3. Groundwater encountered at 1.20m depth. |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      |                |              |                        |             | Plant Used: <b>Dando 3000</b>     |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                                                                                          |
| Drilled By: <b>CJA</b>                                |      |                |              |                        |             | Logged By: <b>Kieran Bancroft</b> |    |                  | Checked By:  <b>AGS</b>                                                                                                                                                         |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH314</b> |
| Contract Ref: <b>315531</b>           | Start: <b>17.07.24</b><br>End: <b>14.08.24</b> | Ground Level: <b>7.90</b> | National Grid Co-ordinate: <b>E:277380.4 N:186542.3</b> |  | Sheet: <b>2 of 3</b>   |

| Depth (m)   | Samples & Testing |      |          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                 | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|----------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type | Results  |                            |       |                                                                                                                                                                                                                                                                                                                                       |                   |                         |
| 9.00-9.45   | U1                | U    | 14 blows |                            |       | Loose brownish grey clayey fine to coarse SAND.                                                                                                                                                                                                                                                                                       | 9.10              |                         |
| 9.45-9.50   | D2                | D    |          |                            |       |                                                                                                                                                                                                                                                                                                                                       | (1.80)            |                         |
| 10.00-10.50 | B7                | B    |          |                            |       |                                                                                                                                                                                                                                                                                                                                       |                   |                         |
| 10.50-10.95 | 7                 | SPT  | N=12     |                            |       | ... Becomes medium dense at 10.50m bgl.                                                                                                                                                                                                                                                                                               | 10.90             |                         |
| 11.50-12.00 | B8                | B    |          |                            |       | Firm dark greyish brown black clayey fibrous PEAT. Strong organic odour.                                                                                                                                                                                                                                                              |                   |                         |
| 12.00-12.45 | U2                | U    | 14 blows |                            |       |                                                                                                                                                                                                                                                                                                                                       | (2.30)            |                         |
| 12.45-12.50 | D4                | D    |          |                            |       |                                                                                                                                                                                                                                                                                                                                       |                   |                         |
| 13.00-13.50 | B9                | B    |          |                            |       |                                                                                                                                                                                                                                                                                                                                       | 13.20             |                         |
| 13.50-13.95 | 8                 | SPT  | N=18     |                            |       | Firm to stiff brownish grey silty CLAY.                                                                                                                                                                                                                                                                                               | (1.70)            |                         |
| 14.50-14.90 | B10               | B    |          |                            |       |                                                                                                                                                                                                                                                                                                                                       | 14.90             |                         |
| 15.00-15.45 | U3                | U    | 14 blows |                            |       | Very soft dark grey silty slightly sandy CLAY. Sand is fine to coarse.                                                                                                                                                                                                                                                                | (1.60)            |                         |
| 15.45-15.90 | D6                | D    |          |                            |       |                                                                                                                                                                                                                                                                                                                                       |                   |                         |
| 16.00-16.50 | B11               | B    |          |                            |       |                                                                                                                                                                                                                                                                                                                                       | 16.50             |                         |
| 17.20-17.70 | B12               | B    |          |                            |       | Dense becoming very dense dark brownish grey slightly sandy clayey subangular to rounded fine to coarse GRAVEL of sandstone and mudstone with medium cobble content. Sand is fine. Cobbles are subrounded to rounded of sandstone.(Weathered South Wales Middle Coal Measures Formation).<br>... Becomes brownish grey at 17.20m bgl. |                   |                         |

| Boring Progress and Water Observations                |      |                |              |                        |             | Chiselling / Slow Progress        |    |                  | General Remarks                                                                                              |
|-------------------------------------------------------|------|----------------|--------------|------------------------|-------------|-----------------------------------|----|------------------|--------------------------------------------------------------------------------------------------------------|
| Date                                                  | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm) |                                                                                                              |
|                                                       |      |                |              |                        |             |                                   |    |                  | 4. SPT hammer 19-5-2023 ( $E_r = 74.00\%$ ) used.                                                            |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      |                |              |                        |             | Plant Used: <b>Dando 3000</b>     |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                  |
| Drilled By: <b>CJA</b>                                |      |                |              |                        |             | Logged By: <b>Kieran Bancroft</b> |    |                  | Checked By:  <b>AGS</b> |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH314</b> |
| Contract Ref: <b>315531</b>           | Start: <b>17.07.24</b><br>End: <b>14.08.24</b> | Ground Level: <b>7.90</b> | National Grid Co-ordinate: <b>E:277380.4 N:186542.3</b> |  | Sheet: <b>3 of 3</b>   |

| Depth (m)                                        | Samples & Testing |        |                        | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                | Depth (Thickness) | Material Graphic Legend |
|--------------------------------------------------|-------------------|--------|------------------------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|                                                  | No                | Type   | Results                |                            |       |                                                                                                                                                                                                                                                                                                                                                      |                   |                         |
| 18.00-18.45                                      | 9                 | SPT(c) | N=48                   |                            |       | Dense becoming very dense dark brownish grey slightly sandy clayey subangular to rounded fine to coarse GRAVEL of sandstone and mudstone with medium cobble content. Sand is fine. Cobbles are subrounded to rounded of sandstone.(Weathered South Wales Middle Coal Measures Formation).<br><i>(stratum copied from 16.50m from previous sheet)</i> |                   |                         |
| 18.50-19.00                                      | B13               | B      |                        |                            |       |                                                                                                                                                                                                                                                                                                                                                      |                   |                         |
| 19.50-19.95                                      | 10                | SPT(c) | N=41                   |                            |       |                                                                                                                                                                                                                                                                                                                                                      |                   |                         |
| 20.50-21.00                                      | B14               | B      |                        |                            |       |                                                                                                                                                                                                                                                                                                                                                      | (8.84)            |                         |
| 21.00-21.17                                      | 11                | SPT(c) | 10,15/50 for 70mm      |                            |       |                                                                                                                                                                                                                                                                                                                                                      |                   |                         |
| 21.50-22.00                                      | B15               | B      |                        |                            |       |                                                                                                                                                                                                                                                                                                                                                      |                   |                         |
| 22.50-22.65                                      | 12                | SPT(c) | 16,9/50 for 45mm       |                            |       |                                                                                                                                                                                                                                                                                                                                                      |                   |                         |
| 24.00-24.23                                      | 13                | SPT(c) | 25/26,24 for 70mm      |                            |       |                                                                                                                                                                                                                                                                                                                                                      |                   |                         |
| 25.00-25.34                                      | 14                | SPT(c) | 14,9/17,20,13 for 55mm |                            |       |                                                                                                                                                                                                                                                                                                                                                      | 25.34             |                         |
| Borehole terminated at 25.0m bgl due to refusal. |                   |        |                        |                            |       |                                                                                                                                                                                                                                                                                                                                                      |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH315</b> |
| Contract Ref: <b>315531</b>           | Start: <b>24.07.24</b><br>End: <b>30.07.24</b> | Ground Level: <b>7.76</b> | National Grid Co-ordinate: <b>E:277381.4 N:186461.5</b> |  | Sheet: <b>1 of 4</b>   |

| Depth (m) | Samples & Testing |          |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                      | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|----------|---------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type     | Results |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 0.80-0.90 | ES1               | ES PID   | 0.0ppm  |                            |       | ASPHALT.                                                                                                                                                                                                                   | 0.20              | ▲▲▲                     |
| 0.80      |                   |          |         |                            |       | MADE GROUND. Greyish brown sandy angular fine to coarse GRAVEL of various lithologies including slag and concrete with low cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of slag and concrete. | 0.60              |                         |
| 1.50-2.00 | 1                 | B        |         |                            |       | MADE GROUND. Yellowish brown slightly gravelly clayey fine to medium SAND. Gravel is angular to subrounded fine to coarse of sandstone.                                                                                    | (1.40)            |                         |
| 2.00-2.50 | 2                 | B        |         |                            |       |                                                                                                                                                                                                                            | 2.00              |                         |
| 2.00      | 2                 | B ES PID | 0.0ppm  |                            |       | MADE GROUND. Dark brown black sandy angular fine to coarse GRAVEL of various lithologies including red brick and slag. Sand is fine to coarse. Strong hydrocarbon/creosote and sulphurous odour. Oil sheen present.        |                   |                         |
| 2.50-3.00 | 3                 | B        |         |                            |       |                                                                                                                                                                                                                            | (2.00)            |                         |
| 3.00-3.45 | 1                 | SPT(c)   | N=1     |                            |       | ... Becoming very loose at 3.0mbgl.                                                                                                                                                                                        |                   |                         |
| 3.00      | 3                 | B        |         |                            |       |                                                                                                                                                                                                                            | 4.00              |                         |
| 3.00-3.50 | 4                 | B PID    | 0.0ppm  |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 3.50-4.00 | 5                 | B        |         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 4.00      | 4                 | B ES PID | 0.0ppm  |                            |       | Medium dense brownish grey clayey fine to coarse SAND. Slight hydrocarbon odour. (TIDAL FLAT DEPOSITS)                                                                                                                     |                   |                         |
| 4.00      |                   |          |         |                            |       |                                                                                                                                                                                                                            | (3.50)            |                         |
| 4.50-5.00 | 6                 | B        |         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 5.00      | 5                 | B ES     |         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 5.00-5.50 | 7                 | B PID    | 0.0ppm  |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 5.00      |                   |          |         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 6.00-6.45 | 4                 | SPT(c)   | N=22    |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 6.00-6.50 | 8                 | B        |         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 7.00-7.50 | 9                 | B        |         |                            |       |                                                                                                                                                                                                                            | 7.50              |                         |
| 7.50-7.95 | 5                 | SPT(c)   | N=4     |                            |       | Soft greyish brown slightly sandy silty CLAY. Sand is fine to medium. (TIDAL FLAT DEPOSITS)                                                                                                                                |                   |                         |
| 7.50-8.00 | 10                | B        |         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 7.50      | 6                 | B ES PID | 0.0ppm  |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 7.50      |                   |          |         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 8.50-9.00 | 11                | B        |         |                            |       | ... Sand becomes fine at 8.50m bgl.                                                                                                                                                                                        |                   |                         |

| Boring Progress and Water Observations                |      |                |              |                        |             | Chiselling / Slow Progress     |    |                  | General Remarks                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|------|----------------|--------------|------------------------|-------------|--------------------------------|----|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                  | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                           | To | Duration (hh:mm) |                                                                                                                                                                                                                                                                      |
|                                                       |      |                |              |                        |             |                                |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 1.50m depth. 300mm diameter pipe installed prior to backfilling to allow cable percussive drilling to commence.<br>3. Groundwater encountered at 1.50m depth. |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      |                |              |                        |             | Plant Used: <b>Dando 3000</b>  |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                                                                                          |
| Drilled By: <b>CJA</b>                                |      |                |              |                        |             | Logged By: <b>Adam Livesey</b> |    |                  | Checked By:  <b>AGS</b>                                                                                                                                                         |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH315</b>  |
| Contract Ref:               | Start: <b>24.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>30.07.24</b>   | <b>7.76</b>       | <b>E:277381.4 N:186461.5</b> | <b>2 of 4</b> |

| Depth<br>(m) | Samples & Testing |      |          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                       | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|------|----------|----------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|
|              | No                | Type | Results  |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |
| 9.00-9.45    | 1                 | U    | 17 blows |                            |       | Soft greyish brown slightly sandy silty CLAY. Sand is fine to medium.<br>(TIDAL FLAT DEPOSITS)<br><i>(stratum copied from 7.50m from previous sheet)</i>                                                                                                                    | (3.30)               |                               |
| 9.45-9.60    | 1                 | D    |          |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |
| 10.00-10.50  | 12                | B    |          |                            |       | . . . Becomes brownish grey at 10.0m bgl. Occasional relict rootlets and slight organic odour.                                                                                                                                                                              |                      |                               |
| 10.50-10.95  | 2                 | D    |          |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |
| 10.50-10.95  | 6                 | SPT  | N=12     |                            |       |                                                                                                                                                                                                                                                                             | 10.80                |                               |
|              |                   |      |          |                            |       | Soft to firm dark brownish grey slightly sandy silty CLAY with frequent organic matter. Sand is fine. Organic matter is angular fine to coarse fibrous. Moderate organic odour.<br>(TIDAL FLAT DEPOSITS)                                                                    |                      |                               |
| 12.00-12.45  | 2                 | U    | 64 blows |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |
| 12.45-12.60  | 3                 | D    |          |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |
| 13.00-13.50  | 13                | B    |          |                            |       | . . . Becomes brownish grey with occasional organic matter from 13.0m bgl. Organic matter is angular fine to medium pseudo-fibrous to amorphous.                                                                                                                            |                      |                               |
| 13.50-13.95  | 7                 | SPT  | N=5      |                            |       |                                                                                                                                                                                                                                                                             | (6.00)               |                               |
| 14.50-15.00  | 14                | B    |          |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |
| 15.00-15.45  | 3                 | U    | 21 blows |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |
| 15.45-15.60  | 4                 | D    |          |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |
|              |                   |      |          |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |
| 16.60-17.05  | 5                 | D    |          |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |
| 16.60-17.05  | 8                 | SPT  | N=17     |                            |       |                                                                                                                                                                                                                                                                             | 16.80                |                               |
|              |                   |      |          |                            |       | Medium dense becoming dense greyish brown sandy clayey angular to subrounded fine to coarse GRAVEL of sandstone and mudstone with high cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. (Weathered South Wales Middle Coal Measures) |                      |                               |
| 17.50-18.00  | 15                | B    |          |                            |       |                                                                                                                                                                                                                                                                             |                      |                               |

| Boring Progress and Water Observations |      |                                   |              |                        |             | Chiselling / Slow Progress |            |                  | General Remarks |     |            |              |             |                                                                                       |                                                                                       |
|----------------------------------------|------|-----------------------------------|--------------|------------------------|-------------|----------------------------|------------|------------------|-----------------|-----|------------|--------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth                    | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To         | Duration (hh:mm) |                 |     |            |              |             |                                                                                       |                                                                                       |
|                                        |      |                                   |              |                        |             |                            |            |                  |                 |     |            |              |             |                                                                                       |                                                                                       |
| Method Used:                           |      | Inspection pit + Cable Percussion |              | Plant Used:            |             |                            | Dando 3000 |                  | Drilled By:     | CJA | Logged By: | Adam Livesey | Checked By: |  |  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH315</b>  |
| Contract Ref:               | Start: <b>24.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>30.07.24</b>   | <b>7.76</b>       | <b>E:277381.4 N:186461.5</b> | <b>3 of 4</b> |

| Depth<br>(m)               | Samples & Testing |          |                             | Backfill & Instrumentation | Water                                                                                                                                                                                                                              | Description of Strata                                                                                                                                                                                                                                                                                                                                                                          | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|----------------------------|-------------------|----------|-----------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|
|                            | No                | Type     | Results                     |                            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                      |                               |
| 18.00-18.45<br>18.00-18.45 | 6<br>9            | D<br>SPT | N=39                        |                            |                                                                                                                                                                                                                                    | Medium dense becoming dense greyish brown sandy clayey angular to subrounded fine to coarse GRAVEL of sandstone and mudstone with high cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of sandstone. (Weathered South Wales Middle Coal Measures)<br><i>(stratum copied from 16.80m from previous sheet)</i><br>... Becomes more clayey between 19.0m and 22.0m bgl. | (8.20)               |                               |
| 19.00-19.50                | 16                | B        |                             |                            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                      |                               |
| 19.50-19.95<br>19.50-19.92 | 7<br>10           | D<br>SPT | 3,10/16,9,11,14<br>for 45mm |                            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                      |                               |
| 20.50-21.00                | 17                | B        |                             |                            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                      |                               |
| 21.00-21.45<br>21.00-21.20 | 8<br>11           | D<br>SPT | 14,11/35,15<br>for 10mm     |                            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                      |                               |
| 22.00-22.50                | 18                | B        |                             |                            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                      |                               |
| 22.50-22.74                | 12                | SPT      | 11,16/36,14<br>for 10mm     |                            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                      |                               |
|                            |                   |          |                             |                            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                      |                               |
|                            |                   |          |                             |                            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                      |                               |
|                            |                   |          |                             |                            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                      |                               |
| 25.50-25.73                | 13                | SPT      | 12,12/50<br>for 75mm        |                            | Very dense brown clayey slightly sandy GRAVEL of fine to coarse mudstone and sandstone with high cobble content. Sand is fine to coarse. Cobbles are angular to subrounded sandstone. (Weathered South Wales Middle Coal Measures) | 25.00                                                                                                                                                                                                                                                                                                                                                                                          |                      |                               |

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |             |                  | General Remarks          |                                                                                                       |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|-------------|------------------|--------------------------|-------------------------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To          | Duration (hh:mm) |                          |                                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  |                          |                                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  | All dimensions in metres | Scale: 1:50                                                                                           |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used:            | Dando 3000  |                            | Drilled By: | CJA              | Logged By: Adam Livesey  | Checked By:  AGS |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH315</b>  |
| Contract Ref:               | Start: <b>24.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>30.07.24</b>   | <b>7.76</b>       | <b>E:277381.4 N:186461.5</b> | <b>4 of 4</b> |

| Depth<br>(m)                | Samples & Testing |      |                         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                 | Depth<br>(Thickness) | Material Graphic Legend |
|-----------------------------|-------------------|------|-------------------------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------|
|                             | No                | Type | Results                 |                            |       |                                                                                                                                                                                                                                                                                                                                                       |                      |                         |
| 27.00-27.10                 | 14                | SPT  | 20,5/50<br>for 9mm      |                            |       | Very dense brown clayey slightly sandy GRAVEL of fine to coarse mudstone and sandstone with high cobble content. Sand is fine to coarse. Cobbles are angular to subrounded sandstone. (Weathered South Wales Middle Coal Measures)<br><i>(stratum copied from 25.00m from previous sheet)</i><br>... Becomes more clayey between 27.5m and 28.0m bgl. | (5.10)               |                         |
| 28.50-28.75                 | 15                | SPT  | 16,11/15,35<br>for 29mm |                            |       |                                                                                                                                                                                                                                                                                                                                                       |                      |                         |
| 30.00-30.05                 | 16                | SPT  | 25/50<br>for 27mm       |                            |       |                                                                                                                                                                                                                                                                                                                                                       |                      |                         |
| Terminated at 30.10m depth. |                   |      |                         |                            |       |                                                                                                                                                                                                                                                                                                                                                       | 30.10                |                         |

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |             |                  | General Remarks          |                                                                                                       |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|-------------|------------------|--------------------------|-------------------------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To          | Duration (hh:mm) |                          |                                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  |                          |                                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  | All dimensions in metres | Scale: 1:50                                                                                           |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used:            | Dando 3000  |                            | Drilled By: | CJA              | Logged By: Adam Livesey  | Checked By:  AGS |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH316</b> |
| Contract Ref: <b>315531</b>           | Start: <b>15.07.24</b><br>End: <b>16.07.24</b> | Ground Level: <b>7.39</b> | National Grid Co-ordinate: <b>E:277450.4 N:186389.0</b> |  | Sheet: <b>1 of 1</b>   |

| Depth (m)    | Samples & Testing |        |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                    | Depth (Thickness) | Material Graphic Legend |
|--------------|-------------------|--------|---------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|              | No                | Type   | Results |                            |       |                                                                                                                                          |                   |                         |
| 0.60<br>0.60 | ES1               | ES PID | 0.0ppm  |                            |       | MADE GROUND. Dark brown sandy angular fine to coarse GRAVEL of various lithologies including limestone and slag. Sand is fine to coarse. | (0.70)<br>0.70    |                         |
|              |                   |        |         |                            |       | CONCRETE with void below to 3.0m bgl. Water within inspection chamber.                                                                   | (2.30)<br>3.00    |                         |
|              |                   |        |         |                            |       | Inspection pit terminated at 0.70mbgl due to void.                                                                                       |                   |                         |

| Boring Progress and Water Observations                |      |                               |              |                        |             | Chiselling / Slow Progress        |    |                    | General Remarks                                                                                                                                       |
|-------------------------------------------------------|------|-------------------------------|--------------|------------------------|-------------|-----------------------------------|----|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                  | Time | Borehole Depth                | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm)   |                                                                                                                                                       |
|                                                       |      |                               |              |                        |             |                                   |    |                    | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 0.70m depth.<br>Void encountered at 0.70m bgl. |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      | Plant Used: <b>Dando 4000</b> |              | Drilled By: <b>CJA</b> |             | Logged By: <b>Kieran Bancroft</b> |    | Scale: <b>1:50</b> |                                                                                                                                                       |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH316a</b> |
| Contract Ref: <b>315531</b>           | Start: <b>16.07.24</b><br>End: <b>24.07.24</b> | Ground Level: <b>7.39</b> | National Grid Co-ordinate: <b>E:277450.4 N:186389.0</b> |  | Sheet: <b>1 of 4</b>    |

| Depth (m)                                           | Samples & Testing    |                               |                | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                        | Depth (Thickness) | Material Graphic Legend |
|-----------------------------------------------------|----------------------|-------------------------------|----------------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|                                                     | No                   | Type                          | Results        |                            |       |                                                                                                                                                                                                                              |                   |                         |
| 1.70<br>1.70                                        | ES1                  | ES<br>PID                     | 0.0ppm         |                            |       | MADE GROUND. Dark brown sandy angular fine to coarse GRAVEL of various lithologies including limestone and slag. Sand is fine to coarse.<br><br>... Layer of compacted slag at 0.90m bgl. Recovered as cobbles and boulders. | (1.50)<br>1.50    |                         |
| 2.60-3.00<br>2.60<br>2.60                           | B1<br>ES2            | B<br>ES<br>PID                | 0.0ppm         |                            |       | MADE GROUND. Dark brownish grey slightly gravelly clayey fine to coarse SAND. Gravel is angular fine to coarse of red brick and slag. Slight hydrocarbon odour.                                                              | (1.80)            |                         |
| 3.00-3.45<br>3.30<br>3.30                           | 1<br>ES3             | SPT(c)<br>B<br>ES<br>PID      | N=11<br>0.0ppm |                            |       | ... Becoming medium dense at 3.00mbgl.<br><br>Loose greyish brown silty fine to medium SAND. (BLOWN SAND)                                                                                                                    | 3.30              |                         |
| 4.50-5.00<br>5.00-5.45<br>5.50-6.00<br>5.50<br>5.50 | B3<br>3<br>B4<br>ES4 | B<br>SPT(c)<br>B<br>ES<br>PID | N=10<br>0.0ppm |                            |       | ... Becoming loose at 5.00mbgl.<br><br>... Becomes dark grey fine at 7.0m bgl. Slight organic odour.                                                                                                                         | (4.40)<br>7.70    |                         |
| 6.00-6.45<br>7.00-7.50<br>7.50-7.95<br>7.70-8.00    | 4<br>B5<br>5<br>B6   | SPT(c)<br>B<br>SPT(c)<br>B    | N=5<br>N=2     |                            |       | Very soft dark brownish grey mottled black brown slightly sandy silty CLAY. Sand is fine. Frequent relict rootlets and organic matter. Slight organic odour. (TIDAL FLAT DEPOSITS)                                           | 8.00              |                         |
| 8.40-9.00                                           | B7                   | B                             |                |                            |       | Greyish brown fine to coarse SAND. (TIDAL FLAT DEPOSITS)<br><i>Description on next sheet</i>                                                                                                                                 | 8.40              |                         |

| Boring Progress and Water Observations                |      |                |              |                        |             | Chiselling / Slow Progress        |    |                  | General Remarks                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|------|----------------|--------------|------------------------|-------------|-----------------------------------|----|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                  | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm) |                                                                                                                                                                                                                                                                      |
|                                                       |      |                |              |                        |             |                                   |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 2.20m depth. 300mm diameter pipe installed prior to backfilling to allow cable percussive drilling to commence.<br>3. Groundwater encountered at 2.10m depth. |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      |                |              |                        |             | Plant Used: <b>Dando 4000</b>     |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                                                                                          |
| Drilled By: <b>CJA</b>                                |      |                |              |                        |             | Logged By: <b>Kieran Bancroft</b> |    |                  | Checked By:  <b>AGS</b>                                                                                                                                                         |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH316a</b> |
| Contract Ref: <b>315531</b>           | Start: <b>16.07.24</b><br>End: <b>24.07.24</b> | Ground Level: <b>7.39</b> | National Grid Co-ordinate: <b>E:277450.4 N:186389.0</b> |  | Sheet: <b>2 of 4</b>    |

| Depth (m)   | Samples & Testing |        |                           | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                  | Depth (Thickness) | Material Graphic Legend                                                               |
|-------------|-------------------|--------|---------------------------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|
|             | No                | Type   | Results                   |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |
| 9.00-9.45   | U1                | U      | 11 blows<br>100% recovery |                            |       | Very soft brownish grey sandy silty CLAY. Sand is fine to medium. (TIDAL FLAT DEPOSITS)<br>(stratum copied from 8.40m from previous sheet)                                                                                                                                             | (2.90)            |    |
| 9.45-9.55   | D1                | D      |                           |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |
| 10.00-10.50 | B8                | B      |                           |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |
| 10.50-10.95 | 6                 | SPT    | N=2                       |                            |       | Very soft brownish grey dark brown sandy silty CLAY with frequent organic matter. Sand is fine to coarse. Organic matter is angular fine to coarse fibrous. Moderate organic odour. (TIDAL FLAT DEPOSITS)                                                                              | 11.30             |    |
| 11.30-12.00 | B9                | B      |                           |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |
| 12.00-12.45 | U2                | U      | 28 blows<br>100% recovery |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |
| 12.45-12.55 | D3                | D      |                           |                            |       | . . . Organic matter becomes rare and pseudo-fibrous to amorphous from 12.50.                                                                                                                                                                                                          | (4.70)            |   |
| 13.00-13.50 | B10               | B      |                           |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |
| 13.50-13.95 | 7                 | SPT    | N=2                       |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |
| 14.50-15.00 | B11               | B      |                           |                            |       |                                                                                                                                                                                                                                                                                        | 16.00             |  |
| 15.00-15.45 | U3                | U      | 9 blows<br>100% recovery  |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |
| 15.45-15.55 | D5                | D      |                           |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |
| 16.00-16.50 | B12               | B      |                           |                            |       | Dense greyish brown sandy clayey angular to subrounded fine to coarse GRAVEL of mudstone/siltstone and sandstone with high cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of mudstone/siltstone and sandstone. (Weathered South Wales Middle Coal Measures) |                   |  |
| 16.50-16.95 | 8                 | SPT(c) | N=31                      |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |
| 17.50-18.00 | B13               | B      |                           |                            |       |                                                                                                                                                                                                                                                                                        |                   |                                                                                       |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks                                                |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|----------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                                                                |
|                                        |      |                |              |                        |             |                            |    |                  |                                                                |
|                                        |      |                |              |                        |             |                            |    |                  |                                                                |
|                                        |      |                |              |                        |             |                            |    |                  | 4. Upon completion borehole backfilled with bentonite pellets. |
|                                        |      |                |              |                        |             |                            |    |                  |                                                                |
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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH316a</b> |
| Contract Ref:               | Start: <b>16.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>24.07.24</b>   | <b>7.39</b>       | <b>E:277450.4 N:186389.0</b> | <b>3 of 4</b> |

| Depth<br>(m) | Samples & Testing |        |         | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                             | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |                                                       |
|--------------|-------------------|--------|---------|---------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|-------------------------------------------------------|
|              | No                | Type   | Results |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               |                                                       |
| 18.00-18.45  | 9                 | SPT(c) | N=35    |                                 |       | Dense greyish brown sandy clayey angular to subrounded fine to coarse GRAVEL of mudstone/siltstone and sandstone with high cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of mudstone/siltstone and sandstone. (Weathered South Wales Middle Coal Measures)<br><i>(stratum copied from 16.00m from previous sheet)</i> | (12.22)                   |                               |                                                       |
| 19.00-19.50  | B14               | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               |                                                       |
| 19.50-19.95  | 10                | SPT(c) | N=36    |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               |                                                       |
| 20.50-21.00  | B15               | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               |                                                       |
| 21.00-21.45  | 11                | SPT(c) | N=30    |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               |                                                       |
| 22.00-22.50  | B16               | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               |                                                       |
| 22.50-22.95  | 12                | SPT(c) | N=59    |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               | . . . Becomes very dense between 22.5m and 24.0m bgl. |
| 23.50-24.00  | B17               | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               |                                                       |
| 24.00-24.45  | 13                | SPT(c) | N=50    |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               |                                                       |
| 25.00-25.50  | B18               | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               |                                                       |
| 25.50-25.95  | 14                | SPT(c) | N=33    |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               | . . . Becoming dense at 25.50mbgl                     |
| 26.50-27.00  | B19               | B      |         |                                 |       |                                                                                                                                                                                                                                                                                                                                                   |                           |                               |                                                       |

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |             |                          | General Remarks |                            |                                                                                                                                                                                         |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|-------------|--------------------------|-----------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To          | Duration (hh:mm)         |                 |                            |                                                                                                                                                                                         |
|                                        |                                   |                |              |                        |             |                            |             |                          |                 |                            |                                                                                                                                                                                         |
|                                        |                                   |                |              |                        |             |                            |             | All dimensions in metres |                 | Scale: 1:50                |                                                                                                                                                                                         |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used:            | Dando 4000  |                            | Drilled By: | CJA                      |                 | Logged By: Kieran Bancroft | Checked By:   |

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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH316a</b> |
| Contract Ref:               | Start: <b>16.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>24.07.24</b>   | <b>7.39</b>       | <b>E:277450.4 N:186389.0</b> | <b>4 of 4</b> |

| Depth<br>(m) | Samples & Testing |        |                         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                             | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|--------|-------------------------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|
|              | No                | Type   | Results                 |                            |       |                                                                                                                                                                                                                                                                                                                                                   |                      |                               |
| 27.50-28.00  | B20               | B      |                         |                            |       | Dense greyish brown sandy clayey angular to subrounded fine to coarse GRAVEL of mudstone/siltstone and sandstone with high cobble content. Sand is fine to coarse. Cobbles are angular to subrounded of mudstone/siltstone and sandstone. (Weathered South Wales Middle Coal Measures)<br><i>(stratum copied from 16.00m from previous sheet)</i> |                      |                               |
| 28.00-28.22  | 16                | SPT(c) | 25/45,38,17<br>for 32mm |                            |       | Borehole terminated at 28.0m bgl.                                                                                                                                                                                                                                                                                                                 | 28.22                |                               |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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# BOREHOLE LOG

|                                       |                        |                           |                                                         |  |                        |
|---------------------------------------|------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                        |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH317</b> |
| Contract Ref: <b>315531</b>           | Start: <b>07.06.24</b> | Ground Level: <b>6.76</b> | National Grid Co-ordinate: <b>E:277542.9 N:186261.9</b> |  | Sheet: <b>1 of 8</b>   |
| End: <b>27.06.24</b>                  |                        |                           |                                                         |  |                        |

| Depth (m) | Samples & Testing |        |                       | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                           | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|--------|-----------------------|----------------|---------|---------|---------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|           | No                | Type   | Results               | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 0.50-1.00 | 1                 | B      |                       |                |         |         |         |                            |       | MADE GROUND. Dark brown sandy angular fine to coarse GRAVEL of various lithologies including red brick, limestone, slag and wood.                                                                                                                                                               |              |                   |                         |
| 0.70      | 1                 | ES     |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 0.70      |                   | PID    | 0.0ppm                |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              | (2.20)            |                         |
| 1.40-1.70 | 1                 | SPT(c) | 7,12/25,25 for 75mm   |                |         |         |         |                            |       | . . . Frequent angular cobbles of slag at 1.70m bgl.                                                                                                                                                                                                                                            |              |                   |                         |
| 1.50      | 2                 | ES     |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 1.50-2.00 | 2                 | B      |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              | 2.20              |                         |
| 1.50      |                   | PID    | 0.0ppm                |                |         |         |         |                            |       | MADE GROUND. Medium dense yellowish greyish brown slightly gravelly clayey fine to coarse SAND. Gravel is angular fine to coarse of slag.                                                                                                                                                       |              |                   |                         |
| 2.00-2.45 | 2                 | SPT(c) | N=18                  |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 2.20      | 3                 | ES     |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              | (0.90)            |                         |
| 2.20-2.70 | 3                 | B      |                       |                |         |         |         |                            |       | MADE GROUND. Loose dark brownish grey sandy clayey angular fine to coarse GRAVEL of various lithologies including red brick, slag and coal.                                                                                                                                                     |              |                   |                         |
| 2.20      |                   | PID    | 0.0ppm                |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              | 3.10              |                         |
| 3.00-3.45 | 3                 | SPT(c) | N=8                   |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              | (0.60)            |                         |
| 3.30      | 4                 | ES     |                       |                |         |         |         |                            |       | MADE GROUND. Dark brownish grey gravelly fine to coarse SAND. Gravel is angular fine to coarse of various lithologies including red brick, slag and coal.                                                                                                                                       |              |                   |                         |
| 3.30      |                   | PID    | 0.0ppm                |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              | 3.70              |                         |
| 4.00-4.45 | 4                 | SPT(c) | N=21                  |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              | 4.10              |                         |
| 4.00-4.50 | 4                 | B      |                       |                |         |         |         |                            |       | Firm to stiff brownish grey sandy silty CLAY with pockets of grey clayey fine to coarse sand. Sand is fine to coarse. Frequent rootlets/organic matter. Slight organic odour.<br>(TIDAL FLAT DEPOSITS)<br>. . . Becomes brownish grey mottled black at 5.45m bgl. Rare rootlets/organic matter. |              |                   |                         |
| 4.10      | 5                 | ES     |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 4.10      |                   | PID    | 0.0ppm                |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 5.00-5.45 | 1                 | U      | 11 blows 33% recovery |                |         |         |         |                            |       | . . . Becomes slightly sandy at 7.95m bgl. Sand is fine.                                                                                                                                                                                                                                        |              |                   |                         |
| 5.45-5.50 | 1                 | D      |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 6.00-6.45 | 2                 | D      |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 6.00-6.45 | 6                 | SPT    | N=1                   |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              | (4.80)            |                         |
| 6.50-7.00 | 5                 | B      |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 6.50      | 6                 | ES     |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 6.50      |                   | PID    | 0.0ppm                |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 7.50-7.95 | 2                 | U      | 12 blows 60% recovery |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |
| 7.95-8.00 | 3                 | D      |                       |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                 |              |                   |                         |

| Boring Progress and Water Observations           |      |                                 |              |                        |             | Chiselling / Slow Progress |    |                                                                                                                                                                                         | General Remarks                                                                                                                                                  |  |
|--------------------------------------------------|------|---------------------------------|--------------|------------------------|-------------|----------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Date                                             | Time | Borehole Depth                  | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm)                                                                                                                                                                        |                                                                                                                                                                  |  |
|                                                  |      |                                 |              |                        |             |                            |    |                                                                                                                                                                                         |                                                                                                                                                                  |  |
|                                                  |      |                                 |              |                        |             |                            |    |                                                                                                                                                                                         | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 1.20m depth.<br>3. Rotary coring commenced at 27.50m bgl. |  |
|                                                  |      |                                 |              |                        |             |                            |    |                                                                                                                                                                                         | All dimensions in metres                                                                                                                                         |  |
| Method Used: Inspection pit + Cable Percussion + |      | Plant Used: Dando 2000 + Fraste |              | Drilled By: CJA        |             | Logged By: Kieran Bancroft |    | Checked By:   |                                                                                                                                                                  |  |

|                                          |  |                                                |                              |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH317</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>07.06.24</b><br>End: <b>27.06.24</b> | Ground Level:<br><b>6.76</b> | National Grid Co-ordinate:<br><b>E:277542.9 N:186261.9</b> | Sheet:<br><b>2 of 8</b>   |

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| Boring Progress and Water Observations           |      |                                 |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |                          |  |
|--------------------------------------------------|------|---------------------------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--------------------------|--|
| Date                                             | Time | Borehole Depth                  | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |                          |  |
|                                                  |      |                                 |              |                        |             |                            |    |                  |                 |                          |  |
|                                                  |      |                                 |              |                        |             |                            |    |                  |                 | All dimensions in metres |  |
| Method Used: Inspection pit + Cable Percussion + |      | Plant Used: Dando 2000 + Fraste |              | Drilled By: CJA        |             | Logged By: Kieran Bancroft |    | Checked By: JB   |                 | AGS                      |  |

|                                          |  |                                                |                              |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH317</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>07.06.24</b><br>End: <b>27.06.24</b> | Ground Level:<br><b>6.76</b> | National Grid Co-ordinate:<br><b>E:277542.9 N:186261.9</b> | Sheet:<br><b>3 of 8</b>   |

| Depth<br>(m) | Samples & Testing |      |                          | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                            | Fracture Log | Depth<br>(Thickness) | Material<br>Graphic Legend |                                                                                                                                                         |                                                                                                                                                                                                           |       |        |  |
|--------------|-------------------|------|--------------------------|----------------|---------|---------|---------|----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|--|
|              | No                | Type | Results                  | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                  |              |                      |                            |                                                                                                                                                         |                                                                                                                                                                                                           |       |        |  |
| 18.00-18.45  | 10                | SPT  | N=30                     |                |         |         |         |                            |       | Very dense dark brownish grey sandy clayey angular to subrounded fine to coarse GRAVEL and COBBLES of sandstone. Sand is fine to coarse. (Weathered South Wales Middle Coal Measures Formation). |              | 18.20                |                            |                                                                                                                                                         |                                                                                                                                                                                                           |       |        |  |
| 19.00-19.50  | 13                | B    | 8,7/16,19,15<br>for 75mm |                |         |         |         |                            |       |                                                                                                                                                                                                  |              | (4.40)               |                            |                                                                                                                                                         |                                                                                                                                                                                                           |       |        |  |
| 19.50-19.88  | 11                | SPT  |                          |                |         |         |         |                            |       |                                                                                                                                                                                                  |              |                      |                            |                                                                                                                                                         |                                                                                                                                                                                                           |       |        |  |
| 19.50-20.00  | 14                | B    |                          |                |         |         |         |                            |       |                                                                                                                                                                                                  |              |                      |                            |                                                                                                                                                         |                                                                                                                                                                                                           |       |        |  |
| 21.00-21.45  | 12                | SPT  |                          |                |         |         |         |                            |       |                                                                                                                                                                                                  |              |                      |                            |                                                                                                                                                         | N=35                                                                                                                                                                                                      |       |        |  |
| 22.00-22.50  | 15                | B    | N=36                     |                |         |         |         |                            |       |                                                                                                                                                                                                  |              |                      |                            | Dense multicoloured (red, grey and brown) sandy angular to rounded fine to coarse GRAVEL and COBBLES of sandstone and mudstone. Sand is fine to coarse. |                                                                                                                                                                                                           | 22.60 |        |  |
| 22.50-22.95  | 13                | SPT  |                          |                |         |         |         |                            |       |                                                                                                                                                                                                  |              |                      |                            |                                                                                                                                                         |                                                                                                                                                                                                           |       |        |  |
| 23.00-23.50  | 16                | B    |                          |                |         |         |         |                            |       |                                                                                                                                                                                                  |              |                      |                            |                                                                                                                                                         |                                                                                                                                                                                                           | 23.50 |        |  |
|              |                   |      |                          |                |         |         |         |                            |       |                                                                                                                                                                                                  |              |                      |                            |                                                                                                                                                         | Multicoloured (red, grey and brown) sandy angular to rounded fine to coarse GRAVEL and COBBLES of sandstone and mudstone. Sand is fine to coarse. (Weathered South Wales Middle Coal Measures Formation). |       | (4.00) |  |

| Boring Progress and Water Observations           |      |                |                                 |                        |                 | Chiselling / Slow Progress |                            |                  | General Remarks                                                                                   |                                                                                       |
|--------------------------------------------------|------|----------------|---------------------------------|------------------------|-----------------|----------------------------|----------------------------|------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                             | Time | Borehole Depth | Casing Depth                    | Borehole Diameter (mm) | Water Depth     | From                       | To                         | Duration (hh:mm) |                                                                                                   |                                                                                       |
|                                                  |      |                |                                 |                        |                 |                            |                            |                  |                                                                                                   |                                                                                       |
|                                                  |      |                |                                 |                        |                 |                            |                            |                  |                                                                                                   |                                                                                       |
| Method Used: Inspection pit + Cable Percussion + |      |                | Plant Used: Dando 2000 + Fraste |                        | Drilled By: CJA |                            | Logged By: Kieran Bancroft |                  | Checked By:  |  |

# BOREHOLE LOG

|                                       |  |                        |                           |  |                                                         |                        |                      |
|---------------------------------------|--|------------------------|---------------------------|--|---------------------------------------------------------|------------------------|----------------------|
| Contract: <b>EAF Meltshop Project</b> |  |                        | Client: <b>TATA Steel</b> |  |                                                         | Borehole: <b>BH317</b> |                      |
| Contract Ref: <b>315531</b>           |  | Start: <b>07.06.24</b> | Ground Level: <b>6.76</b> |  | National Grid Co-ordinate: <b>E:277542.9 N:186261.9</b> |                        | Sheet: <b>4 of 8</b> |
|                                       |  | End: <b>27.06.24</b>   |                           |  |                                                         |                        |                      |

| Depth (m)   | Samples & Testing |      |         | Mechanical Log |         |         |                    | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                      | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|---------|----------------|---------|---------|--------------------|----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|             | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm)            |                            |       |                                                                                                                                                                                            |              |                   |                         |
| 27.50-29.00 | 14                | SPT  | NP      | 93             | 31      | 0       | 8 35 90<br>FI=21   |                            |       | Medium strong to strong dark grey unweathered fine SANDSTONE/SILTSTONE. Rare subrounded to rounded coarse sandstone inclusions. Occasional very thin laminations of coal/organic mudstone. |              | 27.50             |                         |
| 29.00-30.50 |                   |      |         | 60             | 36      | 36      | 60 170 230<br>FI=5 |                            |       |                                                                                                                                                                                            |              |                   |                         |
| 30.50-32.00 |                   |      |         | 75             | 75      | 46      | 60 150 210<br>FI=7 |                            |       |                                                                                                                                                                                            |              | (7.50)            |                         |
| 30.50-30.58 |                   |      |         | 96             | 56      | 19      | 35 80 200<br>FI=12 |                            |       |                                                                                                                                                                                            |              |                   |                         |
| 32.00-33.50 | 15                | SPT  | NP      | 93             | 77      | 31      | 15 75 150<br>FI=17 |                            |       | ... Inclusions no longer present from 32.0m bgl.<br><br>... Becomes thinly laminated with strong pale grey medium to coarse grained sandstone from 34.40m bgl.                             |              |                   |                         |
| 33.50-35.00 |                   |      |         | 95             | 37      | 32      |                    |                            |       |                                                                                                                                                                                            |              |                   |                         |
| 33.50-33.58 |                   |      |         |                |         |         |                    |                            |       |                                                                                                                                                                                            |              |                   |                         |
| 35.00-36.00 |                   |      |         |                |         |         |                    |                            |       |                                                                                                                                                                                            |              | 35.00             |                         |
|             |                   |      |         |                |         |         |                    |                            |       | Weak black partially unweathered COAL.                                                                                                                                                     |              |                   |                         |

| Boring Progress and Water Observations                              |      |                                        |              |                        |             | Chiselling / Slow Progress        |    |                                             | General Remarks |
|---------------------------------------------------------------------|------|----------------------------------------|--------------|------------------------|-------------|-----------------------------------|----|---------------------------------------------|-----------------|
| Date                                                                | Time | Borehole Depth                         | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm)                            |                 |
|                                                                     |      |                                        |              |                        |             |                                   |    |                                             |                 |
|                                                                     |      |                                        |              |                        |             |                                   |    |                                             |                 |
|                                                                     |      |                                        |              |                        |             |                                   |    |                                             |                 |
|                                                                     |      |                                        |              |                        |             |                                   |    |                                             |                 |
| Method Used: <b>Inspection pit + Cable Percussion + Rotary Core</b> |      | Plant Used: <b>Dando 2000 + Fraste</b> |              | Drilled By: <b>CJA</b> |             | Logged By: <b>Kieran Bancroft</b> |    | Checked By: <b>JB</b>                       |                 |
|                                                                     |      |                                        |              |                        |             |                                   |    | All dimensions in metres Scale: <b>1:50</b> |                 |
|                                                                     |      |                                        |              |                        |             |                                   |    | AGS                                         |                 |

# BOREHOLE LOG

|                                       |  |                                                |                           |                           |  |                                                         |  |                      |
|---------------------------------------|--|------------------------------------------------|---------------------------|---------------------------|--|---------------------------------------------------------|--|----------------------|
| Contract: <b>EAF Meltshop Project</b> |  |                                                | Client: <b>TATA Steel</b> |                           |  | Borehole: <b>BH317</b>                                  |  |                      |
| Contract Ref: <b>315531</b>           |  | Start: <b>07.06.24</b><br>End: <b>27.06.24</b> |                           | Ground Level: <b>6.76</b> |  | National Grid Co-ordinate: <b>E:277542.9 N:186261.9</b> |  | Sheet: <b>5 of 8</b> |

| Depth (m)                  | Samples & Testing |      |                    | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                 | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|----------------------------|-------------------|------|--------------------|----------------|---------|---------|---------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|                            | No                | Type | Results            | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                                                                                                                                                                       |              |                   |                         |
| 36.50-38.00<br>36.50-36.73 | 16                | SPT  | 11,12/100 for 75mm | 40             | 0       | 0       |         |                            |       | Weak black partially unweathered COAL. (stratum copied from 35.00m from previous sheet)<br>... Becomes destructured at 36.5m bgl (potentially carbonaceous mudstone)                                                                                                                                                                                  |              | (3.00)            |                         |
| 38.00-39.50                |                   |      |                    |                |         |         |         |                            |       | Medium strong brownish grey unweathered MUDSTONE. Frequent angular fine to coarse fossilised organic matter inclusions.<br>... Fossilised organic matter inclusions no longer present from 38.4m bgl.<br>... Becomes laminated with fine sandstone/siltstone between 38.9m and 39.4m bgl<br>... Becomes weak and partially unweathered at 39.10m bgl. |              | (2.10)            |                         |
| 39.50-41.00<br>39.50-39.58 | 17                | SPT  | NP                 | 92             | 47      | 32      |         |                            |       | Weak to moderately weak black unweathered to partially unweathered COAL.                                                                                                                                                                                                                                                                              |              | (0.50)            |                         |
| 41.00-42.50                |                   |      |                    | 97             | 97      | 97      |         |                            |       | Strong grey unweathered SILTSTONE. Frequent angular fine to coarse fossilised organic matter inclusions.                                                                                                                                                                                                                                              |              | (2.30)            |                         |
| 42.50-44.00<br>42.50-42.58 | 18                | SPT  | NP                 | 68             | 46      | 30      |         |                            |       | ... Becomes medium strong at 42.50m bgl.                                                                                                                                                                                                                                                                                                              |              | 42.90             |                         |
| 44.00-45.50                |                   |      |                    | 90             | 90      | 70      |         |                            |       | Weak black partially unweathered to destructured COAL.<br>Strong brownish grey unweathered fine SANDSTONE/SILTSTONE. Occasional subrounded fine to coarse medium sandstone inclusions and lenses. Frequent angular fine to coarse fossilised organic matter inclusions.                                                                               |              | (2.80)            |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
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| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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# BOREHOLE LOG

|                                       |                        |                           |                                                         |  |                        |
|---------------------------------------|------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                        |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH317</b> |
| Contract Ref: <b>315531</b>           | Start: <b>07.06.24</b> | Ground Level: <b>6.76</b> | National Grid Co-ordinate: <b>E:277542.9 N:186261.9</b> |  | Sheet: <b>6 of 8</b>   |
| End: <b>27.06.24</b>                  |                        |                           |                                                         |  |                        |

| Depth (m)                  | Samples & Testing |      |         | Mechanical Log |         |         |                          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                              | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|----------------------------|-------------------|------|---------|----------------|---------|---------|--------------------------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|                            | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm)                  |                            |       |                                                                                                                                                                                                                                                    |              |                   |                         |
| 45.50-47.00<br>45.50-45.58 | 19                | SPT  | NP      | 90             | 90      | 70      |                          |                            |       |                                                                                                                                                                                                                                                    |              | 45.90             |                         |
|                            |                   |      |         | 80             | 58      | 32      | 25<br>80<br>200<br>FI=14 |                            |       | Medium strong dark brownish grey unweathered to distinctly weathered MUDSTONE. occasional subrounded fine to coarse inclusions of fine to medium sandstone.<br>... Frequent angular fossilised organic matter inclusions between 45.95-46.10m bgl. |              |                   |                         |
| 47.00-48.50                |                   |      |         | 71             | 0       | 0       | 80                       |                            |       | ... Becomes extremely weak to weak distinctly weathered at 47.3m bgl. Frequent laminations of organic mudstone/coal                                                                                                                                |              | (4.10)            |                         |
| 48.50-50.00<br>48.50-48.58 | 20                | SPT  | NP      | 100            | 0       | 0       | 20<br>175                |                            |       |                                                                                                                                                                                                                                                    |              | 50.00             |                         |
| 50.00-51.50                |                   |      |         | 98             | 51      | 36      | 30<br>100<br>190<br>FI=8 |                            |       | Medium strong to strong brownish grey partially unweathered fine SANDSTONE. Occasional fossilised organic matter inclusions.                                                                                                                       |              | (1.60)            |                         |
| 51.50-53.00<br>51.50-51.58 | 21                | SPT  | NP      | 53             | 12      | 0       |                          |                            |       | Weak black unweathered COAL.<br>... Becomes dark grey destructured (potentially carbonaceous mudstone).                                                                                                                                            |              | 51.60<br>52.00    |                         |
|                            |                   |      |         |                |         |         |                          |                            |       | Strong to very strong pale grey unweathered fine to medium SANDSTONE. Occasional veins of quartzite.                                                                                                                                               |              | (1.00)            |                         |
| 53.00-54.50                |                   |      |         | 60             | 0       | 0       |                          |                            |       | Medium strong dark brownish grey unweathered to partially unweathered SILTSTONE with thin laminations of fine sandstone and carbonaceous mudstone<br>... Laminations no longer present at 53.5m bgl.                                               |              | 53.00             |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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# BOREHOLE LOG

|                                       |                        |                           |                                                         |  |                        |
|---------------------------------------|------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                        |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH317</b> |
| Contract Ref: <b>315531</b>           | Start: <b>07.06.24</b> | Ground Level: <b>6.76</b> | National Grid Co-ordinate: <b>E:277542.9 N:186261.9</b> |  | Sheet: <b>7 of 8</b>   |
| End: <b>27.06.24</b>                  |                        |                           |                                                         |  |                        |

| Depth (m)                  | Samples & Testing |      |                    | Mechanical Log |         |         |                          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                       | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|----------------------------|-------------------|------|--------------------|----------------|---------|---------|--------------------------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|                            | No                | Type | Results            | TCR (%)        | SCR (%) | RQD (%) | If (mm)                  |                            |       |                                                                                                                                                                                                             |              |                   |                         |
| 54.50-56.00<br>54.50-54.65 | 22                | SPT  | NP                 | 60             | 0       | 0       |                          |                            |       | Medium strong dark brownish grey unweathered to partially unweathered SILTSTONE with thin laminations of fine sandstone and carbonaceous mudstone ( <i>stratum copied from 53.00m from previous sheet</i> ) |              |                   | x x x x                 |
|                            |                   |      |                    | 0              | 0       | 0       | 40<br>70<br>130<br>FI=14 |                            |       | Becomes fine SANDSTONE/SILTSTONE.                                                                                                                                                                           | [i]          | (4.50)            | x x x x                 |
| 56.00-57.50                |                   |      |                    | 33             | 0       | 0       |                          |                            |       |                                                                                                                                                                                                             |              |                   | x x x x                 |
| 57.50-59.00<br>57.50-57.73 | 23                | SPT  | 25,20/100 for 75mm | 40             | 0       | 0       |                          |                            |       | Medium strong brownish grey partially unweathered fine SANDSTONE. Frequent very thin laminations of carbonaceous mudstone. . . . Frequent very thin laminations of organic mudstone at 57.5m bgl.           |              | 57.50             | x x x x                 |
| 59.00-60.50                |                   |      |                    | 0              | 0       | 0       |                          |                            |       | Medium strong brownish grey partially unweathered fine SANDSTONE. Frequent very thin laminations of carbonaceous mudstone.                                                                                  |              | (1.50)            | x x x x                 |
| 60.50-62.00<br>60.50-60.58 | 24                | SPT  | NP                 | 0              | 0       | 0       |                          |                            |       | Medium strong brownish grey partially unweathered fine SANDSTONE. Frequent very thin laminations of carbonaceous mudstone.                                                                                  |              | 59.00             | x x x x                 |
| 62.00-63.50                |                   |      |                    | 0              | 0       | 0       |                          |                            |       | COAL. (Drillers description)                                                                                                                                                                                |              | 60.50             | x x x x                 |
|                            |                   |      |                    | 0              | 0       | 0       |                          |                            |       |                                                                                                                                                                                                             |              | (1.50)            | x x x x                 |
|                            |                   |      |                    |                |         |         |                          |                            |       |                                                                                                                                                                                                             |              | 62.00             | x x x x                 |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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# BOREHOLE LOG

|                                       |  |                                                |                           |                           |  |                                                         |  |                      |
|---------------------------------------|--|------------------------------------------------|---------------------------|---------------------------|--|---------------------------------------------------------|--|----------------------|
| Contract: <b>EAF Meltshop Project</b> |  |                                                | Client: <b>TATA Steel</b> |                           |  | Borehole: <b>BH317</b>                                  |  |                      |
| Contract Ref: <b>315531</b>           |  | Start: <b>07.06.24</b><br>End: <b>27.06.24</b> |                           | Ground Level: <b>6.76</b> |  | National Grid Co-ordinate: <b>E:277542.9 N:186261.9</b> |  | Sheet: <b>8 of 8</b> |

| Depth (m)                  | Samples & Testing |      |         | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                      | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|----------------------------|-------------------|------|---------|----------------|---------|---------|---------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|                            | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                            |              |                   |                         |
| 63.50-65.00<br>63.50-63.95 | 25                | SPT  | N=75    | 0              | 0       | 0       |         |                            |       | COAL. (Drillers description)<br>(stratum copied from 62.00m from previous sheet)                                           |              | (3.00)            |                         |
| 65.00-66.50                |                   |      |         | 0              | 0       | 0       |         |                            |       | Medium strong brownish grey partially unweathered fine SANDSTONE. Frequent very thin laminations of carbonaceous mudstone. |              | 65.00<br>(1.63)   |                         |
| 66.50-66.58                | 26                | SPT  | NP      |                |         |         |         |                            |       | Terminated at 66.63m bgl                                                                                                   |              | 66.63             |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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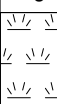
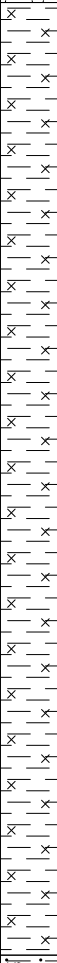
# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH318</b> |
| Contract Ref: <b>315531</b>           | Start: <b>29.08.24</b><br>End: <b>02.09.24</b> | Ground Level: <b>6.77</b> | National Grid Co-ordinate: <b>E:277579.4 N:186007.2</b> |  | Sheet: <b>1 of 3</b>   |

| Depth (m)              | Samples & Testing |           |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                                   | Depth (Thickness) | Material Graphic Legend |
|------------------------|-------------------|-----------|---------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|                        | No                | Type      | Results |                            |       |                                                                                                                                                                                                                                                                                                                                                                         |                   |                         |
| 0.30<br>0.30           | ES1               | ES<br>PID | 0.0ppm  |                            |       | Grass over dark grey black sandy silty clay TOPSOIL. Sand is fine to medium.                                                                                                                                                                                                                                                                                            | 0.20              |                         |
| 0.90<br>0.90           | ES2               | ES<br>PID | 0.0ppm  |                            |       | MADE GROUND. Dark brown black gravelly clayey coarse SAND. Gravel is angular to subrounded fine to coarse of various lithologies including red brick, coal, concrete and slag.<br>... Becomes reddish brown dark brown black with medium cobble content at 0.70m bgl. Cobbles are angular of red brick and slag.<br>... Becomes light brown to dark brown at 0.90m bgl. | (1.10)<br>1.30    |                         |
| 1.50<br>1.50           | ES3               | ES<br>PID | 0.0ppm  |                            |       | MADE GROUND. Loose yellowish brown coarse SAND. (Fill)                                                                                                                                                                                                                                                                                                                  | (2.30)            |                         |
| 2.50-3.00              | 1                 | B         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                         |                   |                         |
| 3.00-3.45<br>3.00-3.45 | 1<br>2            | SPT<br>D  | N=11    |                            |       |                                                                                                                                                                                                                                                                                                                                                                         | 3.60              |                         |
| 3.60-4.10              | 3                 | B         |         |                            |       | MADE GROUND. Medium dense becoming dense dark grey slightly sandy angular to subangular fine to coarse GRAVEL of slag with high cobble content. Cobbles are angular of slag.                                                                                                                                                                                            | (2.40)            |                         |
| 4.10-4.55<br>4.10-4.55 | 2<br>4            | SPT<br>D  | N=20    |                            |       |                                                                                                                                                                                                                                                                                                                                                                         | 6.00              |                         |
| 4.60-5.00              | 5                 | B         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                         |                   |                         |
| 5.00-5.45<br>5.00-5.45 | 3<br>6            | SPT<br>D  | N=38    |                            |       |                                                                                                                                                                                                                                                                                                                                                                         |                   |                         |
| 5.50-6.00              | 7                 | B         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                         |                   |                         |
| 6.00-6.45<br>6.00-6.45 | 4<br>8            | SPT<br>D  | N=12    |                            |       | Firm grey sandy slightly gravelly silty CLAY. Sand is fine. Gravel is angular fine to coarse of mudstone. (Tidal Flat Deposits)                                                                                                                                                                                                                                         | (2.20)            |                         |
| 7.00-7.50              | 9                 | B         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                         |                   |                         |
| 7.50-7.95<br>7.50-7.95 | 5<br>10           | SPT<br>D  | N=2     |                            |       | ... Becomes very soft at 7.50m bgl.<br><br>... Gravel no longer present from 8.0m bgl.                                                                                                                                                                                                                                                                                  | 8.20              |                         |
| 8.50-9.00              | 11                | B         |         |                            |       | Firm brown PEAT. (Driller's description) (Tidal Flat Deposits)                                                                                                                                                                                                                                                                                                          | (1.50)            |                         |

| Boring Progress and Water Observations                |      |                |              |                        |             | Chiselling / Slow Progress        |    |                  | General Remarks                                                                                                                                                                                                                                                     |
|-------------------------------------------------------|------|----------------|--------------|------------------------|-------------|-----------------------------------|----|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                  | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm) |                                                                                                                                                                                                                                                                     |
|                                                       |      |                |              |                        |             |                                   |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 2.50m depth. 300mm diameter pipe installed prior to backfilling to allow cable percussive drilling to commence.<br>3. Groundwater encountered at 3.0m depth. |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      |                |              |                        |             | Plant Used: <b>Dando 3000</b>     |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                                                                                         |
| Drilled By: <b>CJA</b>                                |      |                |              |                        |             | Logged By: <b>Kieran Bancroft</b> |    |                  | Checked By:  <b>AGS</b>                                                                                                                                                        |

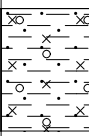
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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH318</b>  |
| Contract Ref:               | Start: <b>29.08.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>02.09.24</b>   | <b>6.77</b>       | <b>E:277579.4 N:186007.2</b> | <b>2 of 3</b> |

| Depth<br>(m)               | Samples & Testing |          |                                                                                                                                                                          | Backfill & Instrumentation | Water                                                                                                                                                              | Description of Strata | Depth<br>(Thickness)                                                                 | Material<br>Graphic<br>Legend |
|----------------------------|-------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------|-------------------------------|
|                            | No                | Type     | Results                                                                                                                                                                  |                            |                                                                                                                                                                    |                       |                                                                                      |                               |
| 9.00-9.07                  | 6                 | SPT      | 25/50<br>for 45mm                                                                                                                                                        |                            | Firm brown PEAT. (Driller's description) (Tidal Flat Deposits)<br><i>(stratum copied from 8.20m from previous sheet)</i>                                           | 9.70                  |   |                               |
| 9.00-9.06<br>9.00-9.50     | 12<br>13          | D<br>B   |                                                                                                                                                                          |                            |                                                                                                                                                                    |                       |                                                                                      |                               |
| 10.00-10.50                | 14                | B        | N=2                                                                                                                                                                      |                            | Very soft grey silty CLAY. Occasional brown dark brown fine to medium fragments of relict rootlets and organic matter. Slight organic odour. (Tidal Flat Deposits) | (6.30)                |  |                               |
| 10.50-10.95<br>10.50-10.95 | 7<br>15           | SPT<br>D |                                                                                                                                                                          |                            |                                                                                                                                                                    |                       |                                                                                      |                               |
| 11.50-12.00                | 16                | B        | N=2                                                                                                                                                                      |                            |                                                                                                                                                                    |                       |                                                                                      |                               |
| 12.00-12.45<br>12.00-12.45 | 8<br>17           | SPT<br>D |                                                                                                                                                                          |                            |                                                                                                                                                                    |                       |                                                                                      |                               |
| 13.00-13.50                | 18                | B        | N=4                                                                                                                                                                      |                            |                                                                                                                                                                    |                       |                                                                                      |                               |
| 13.50-13.95<br>13.50-13.95 | 9<br>19           | SPT<br>D |                                                                                                                                                                          |                            |                                                                                                                                                                    |                       |                                                                                      |                               |
| 14.50-15.00                | 20                | B        | N=5                                                                                                                                                                      |                            |                                                                                                                                                                    |                       |                                                                                      |                               |
| 15.00-15.45<br>15.00-15.45 | 10<br>21          | SPT<br>D |                                                                                                                                                                          |                            |                                                                                                                                                                    |                       |                                                                                      |                               |
| 16.00-16.50                | 22                | B        | Stiff greyish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is angular to rounded fine to coarse of sandstone. (Tidal Flat Deposits) |                            | (2.81)                                                                                                                                                             |                       |                                                                                      |                               |
| 16.50-16.95<br>16.50-16.95 | 11<br>23          | SPT<br>D |                                                                                                                                                                          |                            |                                                                                                                                                                    |                       |                                                                                      |                               |
| 17.50-18.00                | 24                | B        | ... Becomes sandy gravelly at 17.50m bgl.                                                                                                                                |                            |                                                                                                                                                                    |                       |                                                                                      |                               |

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |             |                          | General Remarks |                            |                                                                                                                                                                                         |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|-------------|--------------------------|-----------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To          | Duration (hh:mm)         |                 |                            |                                                                                                                                                                                         |
|                                        |                                   |                |              |                        |             |                            |             |                          |                 |                            |                                                                                                                                                                                         |
|                                        |                                   |                |              |                        |             |                            |             | All dimensions in metres |                 | Scale: 1:50                |                                                                                                                                                                                         |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used:            | Dando 3000  |                            | Drilled By: | CJA                      |                 | Logged By: Kieran Bancroft | Checked By:   |

# BOREHOLE LOG

|                                       |  |                                                |                           |                                                         |                        |
|---------------------------------------|--|------------------------------------------------|---------------------------|---------------------------------------------------------|------------------------|
| Contract: <b>EAF Meltshop Project</b> |  |                                                | Client: <b>TATA Steel</b> |                                                         | Borehole: <b>BH318</b> |
| Contract Ref: <b>315531</b>           |  | Start: <b>29.08.24</b><br>End: <b>02.09.24</b> | Ground Level: <b>6.77</b> | National Grid Co-ordinate: <b>E:277579.4 N:186007.2</b> | Sheet: <b>3 of 3</b>   |

| Depth (m)                  | Samples & Testing |             |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                               | Depth (Thickness) | Material Graphic Legend                                                             |
|----------------------------|-------------------|-------------|---------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
|                            | No                | Type        | Results |                            |       |                                                                                                                                                                                                                                     |                   |                                                                                     |
| 18.00-18.31<br>18.00-18.31 | 12<br>25          | SPT<br>D    | N=53    |                            |       | Stiff greyish brown slightly sandy slightly gravelly silty CLAY. Sand is fine to coarse. Gravel is angular to rounded fine to coarse of sandstone. (Tidal Flat Deposits)<br><i>(stratum copied from 16.00m from previous sheet)</i> |                   |  |
| 18.80-18.81<br>18.80-18.80 | 13<br>26          | SPT(c)<br>D | NP      |                            |       | Borehole terminated at 18.81m bgl due to refusal on slag boulder that had been driven down from approximately 6.0m bgl during the course of the drilling.                                                                           | 18.81             |                                                                                     |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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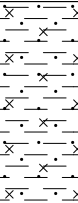
# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH319</b> |
| Contract Ref: <b>315531</b>           | Start: <b>19.06.24</b><br>End: <b>24.06.24</b> | Ground Level: <b>6.51</b> | National Grid Co-ordinate: <b>E:277496.5 N:185941.0</b> |  | Sheet: <b>1 of 3</b>   |

| Depth (m)            | Samples & Testing |                |                          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                       | Depth (Thickness) | Material Graphic Legend |
|----------------------|-------------------|----------------|--------------------------|----------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|                      | No                | Type           | Results                  |                            |       |                                                                                                                                                                             |                   |                         |
| 0.50<br>0.50<br>0.50 | 1<br>ES1          | B<br>ES<br>PID | 0.0ppm                   |                            |       | MADE GROUND: Medium dense dark brown sandy angular fine to coarse GRAVEL of brick and sand. Sand is fine to coarse. Medium angular cobble content of slag (upto 20cm long). | (2.50)            |                         |
| 1.50<br>1.50<br>1.50 | 2<br>ES2          | B<br>ES<br>PID | 0.4ppm                   |                            |       |                                                                                                                                                                             |                   |                         |
| 2.00-2.45            | 1                 | SPT(c)         | N=14                     |                            |       |                                                                                                                                                                             | 2.50              |                         |
| 2.50<br>2.50<br>2.50 | 3<br>ES3          | B<br>ES<br>PID | 0.1ppm                   |                            |       | Medium dense brown fine to coarse SAND. (BLOWN SAND)                                                                                                                        |                   |                         |
| 3.00-3.45            | 2                 | SPT(c)         | N=17                     |                            |       |                                                                                                                                                                             | (2.00)            |                         |
| 3.50                 | 4                 | B              |                          |                            |       |                                                                                                                                                                             |                   |                         |
| 4.00-4.45            | 3                 | SPT(c)         | N=4                      |                            |       | . . . Becoming loose at 4.0mbgl.                                                                                                                                            | 4.50              |                         |
| 4.50<br>4.50<br>4.50 | 5<br>ES4          | B<br>ES<br>PID | 0.0ppm                   |                            |       | Very soft grey sandy silty CLAY. Sand is fine to coarse. (TIDAL FLAT DEPOSITS)                                                                                              |                   |                         |
| 5.00-5.45            | 6                 | U              | 11 blows<br>22% recovery |                            |       |                                                                                                                                                                             |                   |                         |
| 5.45                 | 7                 | D              |                          |                            |       |                                                                                                                                                                             |                   |                         |
| 6.00-6.45<br>6.00    | 4<br>8            | SPT<br>D       | N=3                      |                            |       |                                                                                                                                                                             |                   |                         |
| 6.50                 | 9                 | B              |                          |                            |       |                                                                                                                                                                             |                   |                         |
| 7.50-7.95            | 10                | U              | 18 blows<br>18% recovery |                            |       |                                                                                                                                                                             |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |       |                  | General Remarks                                                    |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-------|------------------|--------------------------------------------------------------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To    | Duration (hh:mm) |                                                                    |  |
| 20/06/24                               |      | 7.00           | 5.00         | N/R                    | 3.80        | 1.60                       | 1.90  | 00:05            |                                                                    |  |
| 21/06/24                               |      | 18.00          | 18.00        | N/R                    | 12.90       | 17.20                      | 17.80 | 01:20            |                                                                    |  |
| 24/06/24                               |      | 21.60          | 19.60        | N/R                    | 3.30        | 18.20                      | 18.90 | 01:50            |                                                                    |  |
|                                        |      |                |              |                        |             | 21.10                      | 21.60 | 02:00            |                                                                    |  |
|                                        |      |                |              |                        |             | 21.60                      | 21.80 | 00:30            |                                                                    |  |
|                                        |      |                |              |                        |             |                            |       |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation. |  |
|                                        |      |                |              |                        |             |                            |       |                  | 2. Inspection pit hand dug and mechanically excavated to 1.2mbgl.  |  |
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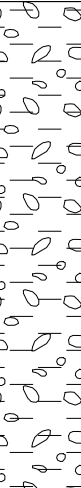
|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH319</b>  |
| Contract Ref:               | Start: <b>19.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>24.06.24</b>   | <b>6.51</b>       | <b>E:277496.5 N:185941.0</b> | <b>2 of 3</b> |

| Depth<br>(m)         | Samples & Testing |             |                         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                              | Depth<br>(Thickness)     | Material<br>Graphic<br>Legend                                                         |
|----------------------|-------------------|-------------|-------------------------|----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|
|                      | No                | Type        | Results                 |                            |       |                                                                                                                                                                    |                          |                                                                                       |
| 9.00-9.45            | 5                 | SPT         | N=3                     |                            |       | Very soft grey sandy silty CLAY. Sand is fine to coarse.<br>(TIDAL FLAT DEPOSITS)<br><i>(stratum copied from 4.50m from previous sheet)</i>                        | (12.00)                  |    |
| 9.50<br>9.50         | ES4               | ES<br>PID   | 0.0ppm                  |                            |       |                                                                                                                                                                    |                          |                                                                                       |
| 10.50-10.95          | 11                | U           | 99 blows<br>4% recovery |                            |       |                                                                                                                                                                    |                          |                                                                                       |
| 10.95                | 12                | D           |                         |                            |       |                                                                                                                                                                    |                          |                                                                                       |
| 12.00-12.45<br>12.00 | 6<br>13           | SPT<br>D    | N=6                     |                            |       |                                                                                                                                                                    |                          |                                                                                       |
| 12.50                | 14                | B           |                         |                            |       |                                                                                                                                                                    |                          |                                                                                       |
| 13.50-13.95          | 15                | U           | 99 blows<br>3% recovery |                            |       |                                                                                                                                                                    |                          |                                                                                       |
| 13.95                | 16                | D           |                         |                            |       |                                                                                                                                                                    |                          |                                                                                       |
| 15.00-15.45<br>15.00 | 7<br>17           | SPT<br>D    | N=6                     |                            |       |                                                                                                                                                                    |                          |                                                                                       |
| 15.50                | 18                | B           |                         |                            |       |                                                                                                                                                                    |                          |                                                                                       |
| 16.50-16.95<br>16.50 | 8<br>19           | SPT(c)<br>B | N=29                    |                            |       | Medium dense brown clayey/silty sandy angular to subrounded fine to coarse GRAVEL of mudstone. (Weathered South Wales Middle Coal Measures Formation)              | 16.50<br>(0.50)<br>17.00 |  |
|                      |                   |             |                         |                            |       | Very dense brown clayey subangular to subrounded fine to coarse GRAVEL and COBBLES of mudstone (upto 20cm). (Weathered South Wales Middle Coal Measures Formation) |                          |  |

| Boring Progress and Water Observations |      |                                   |              |                        |             | Chiselling / Slow Progress |    |                          | General Remarks |                                                                                                                                                                             |  |
|----------------------------------------|------|-----------------------------------|--------------|------------------------|-------------|----------------------------|----|--------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Date                                   | Time | Borehole Depth                    | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm)         |                 |                                                                                                                                                                             |  |
|                                        |      |                                   |              |                        |             |                            |    |                          |                 |                                                                                                                                                                             |  |
| Method Used:                           |      | Inspection pit + Cable Percussion |              | Plant Used:            |             | Dando 2500                 |    | Drilled By:              |                 | CJA                                                                                                                                                                         |  |
|                                        |      |                                   |              |                        |             |                            |    | Logged By:               |                 | Rachael Lockyer                                                                                                                                                             |  |
|                                        |      |                                   |              |                        |             |                            |    | All dimensions in metres |                 | Scale: 1:50                                                                                                                                                                 |  |
|                                        |      |                                   |              |                        |             |                            |    | Checked By:              |                 |   |  |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH319</b> |
| Contract Ref: <b>315531</b>           | Start: <b>19.06.24</b><br>End: <b>24.06.24</b> | Ground Level: <b>6.51</b> | National Grid Co-ordinate: <b>E:277496.5 N:185941.0</b> |  | Sheet: <b>3 of 3</b>   |

| Depth (m)   | Samples & Testing |        |                       | Backfill & Instrumentation                                                         | Water | Description of Strata                                                                                                                                                                                                                                      | Depth (Thickness) | Material Graphic Legend                                                              |
|-------------|-------------------|--------|-----------------------|------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------|
|             | No                | Type   | Results               |                                                                                    |       |                                                                                                                                                                                                                                                            |                   |                                                                                      |
| 18.00-18.45 | 9                 | SPT(c) | N=50                  |  |       | Very dense brown clayey subangular to subrounded fine to coarse GRAVEL and COBBLES of mudstone (upto 20cm). (Weathered South Wales Middle Coal Measures Formation)<br>(stratum copied from 17.00m from previous sheet)<br>... Becoming dense at 18.00mbgl. | (4.30)            |   |
| 18.50       | 20                | B      |                       |                                                                                    |       |                                                                                                                                                                                                                                                            |                   |                                                                                      |
| 19.50-19.95 | 10                | SPT(c) | N=35                  |                                                                                    |       |                                                                                                                                                                                                                                                            |                   |                                                                                      |
| 20.00       | 21                | B      |                       |                                                                                    |       |                                                                                                                                                                                                                                                            |                   |                                                                                      |
| 21.00-21.38 | 11                | SPT(c) | 6,9/14,20,16 for 75mm |                                                                                    |       | MUDSTONE recovered as angular to subangular fine to coarse GRAVEL. (SOUTH WALES COAL MEASURES)                                                                                                                                                             | 21.30             |   |
| 21.80-22.18 | 12                | SPT(c) | 25,60/44,6,5 for 75mm |                                                                                    |       | Terminated at 21.8mbgl.                                                                                                                                                                                                                                    | (0.95)<br>22.25   |  |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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# BOREHOLE LOG

|                                          |  |                                                |                              |  |                                                            |                           |                         |  |
|------------------------------------------|--|------------------------------------------------|------------------------------|--|------------------------------------------------------------|---------------------------|-------------------------|--|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |  |                                                            | Borehole:<br><b>BH320</b> |                         |  |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>18.06.24</b><br>End: <b>28.06.24</b> | Ground Level:<br><b>5.87</b> |  | National Grid Co-ordinate:<br><b>E:277580.0 N:185834.0</b> |                           | Sheet:<br><b>1 of 7</b> |  |

| Depth (m) | Samples & Testing |        |          | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                         | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|--------|----------|----------------|---------|---------|---------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|           | No                | Type   | Results  | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                               |              |                   |                         |
| 0.00-1.20 | 1                 | B      |          |                |         |         |         |                            |       | MADE GROUND. Black gravelly SAND with high ash content, occasional rootlets and slightly charred odour. Sand is fine. Gravel is subangular to subrounded fine to coarse slag. |              | (1.20)            |                         |
| 0.50      | 1                 | ES PID | 0.0ppm   |                |         |         |         |                            |       |                                                                                                                                                                               |              | 1.20              |                         |
| 1.20-1.65 | 1                 | SPT(c) | N=6      |                |         |         |         |                            |       | MADE GROUND. Black slightly sandy subangular to subrounded fine to coarse GRAVEL of slag with high ash content.                                                               |              | 1.50              |                         |
| 1.20-1.50 | 3                 | B      |          |                |         |         |         |                            |       |                                                                                                                                                                               |              | (0.50)            |                         |
| 1.50      | 2                 | ES     |          |                |         |         |         |                            |       | MADE GROUND. Grey brown mottled orange and black friable silty CLAY.                                                                                                          |              | 2.00              |                         |
| 1.50-2.00 | 4                 | B PID  | 0.0ppm   |                |         |         |         |                            |       |                                                                                                                                                                               |              | (1.00)            |                         |
| 1.50      |                   |        |          |                |         |         |         |                            |       | MADE GROUND. Dense dark grey silty COBBLES of subangular to subrounded slag.                                                                                                  |              | 3.00              |                         |
| 2.00-2.45 | 2                 | SPT    | N=38     |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 2.00-2.45 | 5                 | D      |          |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 2.50-3.10 | 6                 | B      |          |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 3.10-3.55 | 3                 | SPT    | N=7      |                |         |         |         |                            |       | Very soft to soft grey silty CLAY. (Tidal Flat Deposits)                                                                                                                      |              |                   |                         |
| 3.10-3.55 | 7                 | D      |          |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 3.60      | 3                 | ES     |          |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 3.60-4.00 | 8                 | D PID  | 0.0ppm   |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 3.60      |                   |        |          |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 4.00-4.45 | 9                 | U      | 10 blows |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 4.45-4.60 | 10                | D      |          |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 4.50-5.30 | 11                | D      |          |                |         |         |         |                            |       |                                                                                                                                                                               |              | (3.50)            |                         |
| 5.30-5.75 | 8                 | SPT    | N=0      |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 5.30-5.75 | 12                | D      |          |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 5.70-6.10 | 13                | B      |          |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 6.10-6.55 | 14                | U      | 14 blows |                |         |         |         |                            |       |                                                                                                                                                                               |              | 6.50              |                         |
| 6.55-6.70 | 15                | D      |          |                |         |         |         |                            |       | Firm brown fibrous PEAT with a moderate organic odour. (Tidal Flat Deposits)                                                                                                  |              |                   |                         |
| 7.00-7.50 | 16                | B      |          |                |         |         |         |                            |       |                                                                                                                                                                               |              | (1.50)            |                         |
| 7.50-7.95 | 5                 | SPT    | N=8      |                |         |         |         |                            |       |                                                                                                                                                                               |              |                   |                         |
| 7.50-7.95 | 17                | D      |          |                |         |         |         |                            |       |                                                                                                                                                                               |              | 8.00              |                         |
| 8.50-9.10 | 18                | B      |          |                |         |         |         |                            |       | Soft grey and dark grey slightly organic silty CLAY with rare black bands (<1cm) and occasional pockets of grey silt (<3cm). (Tidal Flat Deposits)                            |              |                   |                         |

| Boring Progress and Water Observations                               |      |                |              |                        |             | Chiselling / Slow Progress                    |    |                  | General Remarks                                                                                                                                                                                           |
|----------------------------------------------------------------------|------|----------------|--------------|------------------------|-------------|-----------------------------------------------|----|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                                 | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                          | To | Duration (hh:mm) |                                                                                                                                                                                                           |
|                                                                      |      |                |              |                        |             |                                               |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit hand dug to 1.2m depth.<br>3. Groundwater encountered at 2.6m depth.<br>4. Rotary coring commenced at 24.50m bgl. |
| Method Used: <b>Inspection pit + Cable Percussion + Rotary Corer</b> |      |                |              |                        |             | Plant Used: <b>Dando 2500 + CPT RigFraste</b> |    |                  | All dimensions in metres                                                                                                                                                                                  |
| Drilled By: <b>CJA</b>                                               |      |                |              |                        |             | Logged By: <b>Jagan Raj + Kieran Bancroft</b> |    |                  | Scale: <b>1:50</b>                                                                                                                                                                                        |
|                                                                      |      |                |              |                        |             | Checked By: <b>JB</b>                         |    |                  | <b>AGS</b>                                                                                                                                                                                                |

|                                          |  |                                                |                              |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH320</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>18.06.24</b><br>End: <b>28.06.24</b> | Ground Level:<br><b>5.87</b> | National Grid Co-ordinate:<br><b>E:277580.0 N:185834.0</b> | Sheet:<br><b>2 of 7</b>   |

[illegible]

| Boring Progress and Water Observations           |      |                |                                        |                        |             | Chiselling / Slow Progress |    |                  | General Remarks                        |                                                                                                                                                                                         |
|--------------------------------------------------|------|----------------|----------------------------------------|------------------------|-------------|----------------------------|----|------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                             | Time | Borehole Depth | Casing Depth                           | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                                        |                                                                                                                                                                                         |
|                                                  |      |                |                                        |                        |             |                            |    |                  |                                        |                                                                                                                                                                                         |
| Method Used: Inspection pit + Cable Percussion + |      |                | Plant Used: Dando 2500 + CPT RigFraste |                        |             | Drilled By: CJA            |    |                  | Logged By: Jagan Raj + Kieran Bancroft | Checked By:   |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH320</b> |
| Contract Ref: <b>315531</b>           | Start: <b>18.06.24</b><br>End: <b>28.06.24</b> | Ground Level: <b>5.87</b> | National Grid Co-ordinate: <b>E:277580.0 N:185834.0</b> |  | Sheet: <b>3 of 7</b>   |

| Depth (m)   | Samples & Testing |        |                        | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fracture Log | Depth (Thickness) | Material Graphic Legend                                                               |
|-------------|-------------------|--------|------------------------|----------------|---------|---------|---------|----------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|---------------------------------------------------------------------------------------|
|             | No                | Type   | Results                | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 18.00-18.50 | 33                | B      |                        |                |         |         |         |                            |       | Medium dense multicoloured (grey, greyish brown, brown and red) sandy subangular to subrounded fine to coarse GRAVEL of sandstone, siltstone and mudstone with medium cobble content. Sand is fine to coarse. Cobbles are subangular to rounded of mudstone, siltstone and sandstone. (Weathered South Wales Middle Coal Measures Formation).<br>(stratum copied from 14.00m from previous sheet)<br>... Becomes medium dense at 18.50m bgl.<br><br>Weathered SILTSTONE. Recovered as brown subangular to subrounded COBBLES. (<200mm). (Weathered South Wales Lower Coal Measures Formation) |              |                   |    |
| 18.50-18.95 | 14                | SPT(c) | N=20                   |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 18.50-18.95 | 34                | D      |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 19.50-20.00 | 35                | B      |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 20.00-20.33 | 15                | SPT    | 2,11/15,18,17 for 30mm |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              | 20.00             |                                                                                       |
| 20.00-20.30 | 36                | D      |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 20.50-21.00 | 37                | B      |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 21.30-21.50 | 38                | B      |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 21.50-21.88 | 16                | SPT    | 4,8/15,15,15,5 for 0mm |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 21.50-21.95 | 39                | D      |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 22.50-23.20 | 40                | B      |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |   |
| 23.00-23.38 | 6                 | SPT    | 5,8/12,18,20 for 75mm  |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              | (6.80)            |                                                                                       |
| 23.20-23.58 | 41                | D      |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 24.00-24.50 | 42                | B      |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 24.50-24.67 | 7                 | SPT    | 25/33,17 for 20mm      |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 24.50-26.70 | 43                | D      |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 24.70-26.00 |                   |        |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
|             |                   |        |                        | 38             | 0       | 0       |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
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|             |                   |        |                        | 82             | 26      | 14      |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                       |
| 26.00-27.50 |                   |        |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |  |
|             |                   |        |                        |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              | 26.80             |                                                                                       |
|             |                   |        |                        |                |         |         |         |                            |       | Description on next sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                   |                                                                                       |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH320</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>18.06.24</b><br>End: <b>28.06.24</b> | Ground Level:<br><b>5.87</b> | National Grid Co-ordinate:<br><b>E:277580.0 N:185834.0</b> | Sheet:<br><b>4 of 7</b>   |

[illegible]

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH320</b>  |
| Contract Ref:               | Start: <b>18.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>28.06.24</b>   | <b>5.87</b>       | <b>E:277580.0 N:185834.0</b> | <b>5 of 7</b> |

| Depth<br>(m)               | Samples & Testing |        |         | Mechanical Log |         |         |                           | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                      | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|----------------------------|-------------------|--------|---------|----------------|---------|---------|---------------------------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|                            | No                | Type   | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm)                   |                            |       |                                                                                                                                                            |              |                   |                         |
| 36.50-38.00<br>36.50-36.58 | 19                | SPT(c) | NP      | 100            | 100     | 77      |                           |                            |       | Strong dark brownish grey unweathered fine SANDSTONE with thin laminations of grey medium to coarse sandstone. (South Wales Lower Coal Measures Formation) |              |                   |                         |
|                            |                   |        |         | 102            | 102     | 38      | 20<br>120<br>250<br>FI=12 |                            |       |                                                                                                                                                            |              |                   |                         |
| 38.00-39.50                |                   |        |         |                |         |         |                           |                            |       |                                                                                                                                                            |              |                   |                         |
|                            |                   |        |         | 98             | 93      | 52      | 15<br>140<br>300<br>FI=12 |                            |       |                                                                                                                                                            |              |                   |                         |
| 39.50-41.00<br>39.50-39.58 | 20                | SPT(c) | NP      |                |         |         |                           |                            |       |                                                                                                                                                            |              | (9.10)            |                         |
|                            |                   |        |         | 96             | 96      | 71      | 5<br>180<br>280<br>FI=11  |                            |       |                                                                                                                                                            |              |                   |                         |
| 41.00-42.50                |                   |        |         |                |         |         |                           |                            |       |                                                                                                                                                            |              |                   |                         |
|                            |                   |        |         | 98             | 78      | 57      | 10<br>170<br>470<br>FI=8  |                            |       |                                                                                                                                                            |              |                   |                         |
| 42.50-44.00<br>42.50-42.95 | 21                | SPT(c) | N=72    |                |         |         |                           |                            |       |                                                                                                                                                            |              |                   |                         |
|                            |                   |        |         | 50             | 50      | 50      | 270<br>270<br>270<br>FI=2 |                            |       |                                                                                                                                                            |              |                   |                         |
| 44.00-45.50                |                   |        |         |                |         |         |                           |                            |       | ... Becomes weak to very weak partially unweathered to distinctly weathered at 44.0m bgl.                                                                  |              |                   |                         |
|                            |                   |        |         | 100            | 20      | 20      | 110                       |                            |       |                                                                                                                                                            |              |                   |                         |

| Boring Progress and Water Observations |      |                                     |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |     |  |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|-----|--|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |     |  |
|                                        |      |                                     |              |                        |             |                            |    |                  |                 |     |  |
| Method Used:                           |      | Inspection pit + Cable Percussion + |              | Plant Used:            |             | Dando 2500 + CPT RigFraste |    | Drilled By:      |                 | CJA |  |
| Logged By:                             |      | Jagan Raj + Kieran Bancroft         |              | Checked By:            |             | ZB                         |    | AGS              |                 |     |  |

# BOREHOLE LOG

|                                       |                        |                           |                                                         |  |                        |
|---------------------------------------|------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                        |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH320</b> |
| Contract Ref: <b>315531</b>           | Start: <b>18.06.24</b> | Ground Level: <b>5.87</b> | National Grid Co-ordinate: <b>E:277580.0 N:185834.0</b> |  | Sheet: <b>6 of 7</b>   |

| Depth (m)   | Samples & Testing |        |         | Mechanical Log |         |         |                    | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|--------|---------|----------------|---------|---------|--------------------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|             | No                | Type   | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm)            |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                   |                         |
| 45.50-47.00 | 22                | SPT(c) | N=44    | 100            | 20      | 20      | 110                |                            |       | Very weak distinctly weathered to partially unweathered black COAL. (South Wales Lower Coal Measures Formation)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | 45.10<br>(0.50)   |                         |
| 45.50-45.95 |                   |        |         | 95             | 14      | 7       | 110                |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | 45.60             |                         |
| 47.00-48.50 | 23                | SPT(c) | NP      | 93             | 76      | 38      | 4 50 270<br>FI=14  |                            |       | Very weak to moderately weak destructured to partially unweathered brownish grey SILTSTONE/fine SANDSTONE with very thin laminations of fine sandstone. (South Wales Lower Coal Measures Formation)<br>... Becomes medium strong to strong unweathered with thin laminations of pale grey medium sandstone from 46.50m bgl.<br>... Becomes thinly laminated with carbonaceous mudstone between 47.15m and 47.65m bgl.                                                                                                                                                                                                                                                                                      |              | (2.90)            |                         |
| 48.50-50.00 |                   |        |         | 0              | 0       | 0       |                    |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | 48.50             |                         |
| 50.00-51.50 |                   |        |         | 76             | 6       | 6       | 100                |                            |       | No recovery (COAL wash away) (Drillers description) (South Wales Lower Coal Measures Formation)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | (1.50)            |                         |
| 51.50-53.00 |                   |        |         | 102            | 60      | 46      | 190                |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | 50.00             |                         |
| 53.00-54.50 |                   |        |         | 86             | 58      | 20      | 10 70 170<br>FI=11 |                            |       | Very weak distinctly weathered to partially unweathered black COAL. (South Wales Lower Coal Measures Formation)<br>Extremely weak to medium strong destructured to partially unweathered brownish grey SILTSTONE. (South Wales Lower Coal Measures Formation)<br>... Becomes very distinctly weathered between 51.60m and 51.90m bgl. Potentially interbedded with mudstone.<br>... Becomes strong between 52.30m and 52.60m bgl.<br>... Becomes thinly laminated with carbonaceous mudstone/coal from 52.60m bgl.<br>Strong to very strong brownish grey unweathered fine SANDSTONE. (South Wales Lower Coal Measures Formation)<br>... Becomes moderately weak to medium strong at 53.0m bgl. Occasional |              | (0.70)            |                         |
|             |                   |        |         |                |         |         |                    |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | 50.70             |                         |
|             |                   |        |         |                |         |         |                    |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | (2.10)            |                         |
|             |                   |        |         |                |         |         |                    |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | 52.80             |                         |

| Boring Progress and Water Observations |      |                                     |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |                                                                                                                                                                             |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |                                                                                                                                                                             |
|                                        |      |                                     |              |                        |             |                            |    |                  |                 |                                                                                                                                                                             |
| Method Used:                           |      | Inspection pit + Cable Percussion + |              | Plant Used:            |             | Dando 2500 + CPT RigFraste |    | Drilled By:      |                 | CJA                                                                                                                                                                         |
|                                        |      |                                     |              |                        |             |                            |    | Logged By:       |                 | Jagan Raj + Kieran Bancroft                                                                                                                                                 |
|                                        |      |                                     |              |                        |             |                            |    | Checked By:      |                 |   |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH320</b>  |
| Contract Ref:               | Start: <b>18.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>28.06.24</b>   | <b>5.87</b>       | <b>E:277580.0 N:185834.0</b> | <b>7 of 7</b> |

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| Boring Progress and Water Observations |      |                                     |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |     |  |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|-----|--|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |     |  |
|                                        |      |                                     |              |                        |             |                            |    |                  |                 |     |  |
| Method Used:                           |      | Inspection pit + Cable Percussion + |              | Plant Used:            |             | Dando 2500 + CPT RigFraste |    | Drilled By:      |                 | CJA |  |
| Logged By:                             |      | Jagan Raj + Kieran Bancroft         |              | Checked By:            |             | ZB                         |    | AGS              |                 |     |  |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH321</b> |
| Contract Ref: <b>315531</b>           | Start: <b>22.08.24</b><br>End: <b>28.08.24</b> | Ground Level: <b>6.39</b> | National Grid Co-ordinate: <b>E:277648.9 N:185999.2</b> |  | Sheet: <b>1 of 3</b>   |

| Depth (m) | Samples & Testing |      |                          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                          | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|--------------------------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type | Results                  |                            |       |                                                                                                                                                                                                                |                   |                         |
| 0.50      | 1                 | ES   |                          |                            |       | MADE GROUND. Black to brown sandy angular fine to coarse GRAVEL of slag, brick and tarmac with medium cobble content. Sand is fine to coarse. Occasional metal sheets/pipes/bars. Cobbles are angular of slag. | (1.00)            |                         |
| 1.00      | 2                 | ES   |                          |                            |       | Yellowish brown fine to coarse SAND. (BLOWN SAND).                                                                                                                                                             | 1.00              |                         |
| 3.00-4.20 | 1                 | B    |                          |                            |       |                                                                                                                                                                                                                | 4.00              |                         |
| 4.20-4.65 | 1                 | SPT  | N=12                     |                            |       | Medium dense greyish brown slightly organic clayey fine SAND with occasional pockets of black fibrous peat. (TIDAL FLAT DEPOSITS)                                                                              | (0.70)            |                         |
| 4.20-4.60 | 3                 | B    |                          |                            |       |                                                                                                                                                                                                                | 4.70              |                         |
| 4.70-5.20 | 4                 | B    |                          |                            |       | Brown PEAT (DRILLERS DESCRIPTION, TIDAL FLAT DEPOSITS)                                                                                                                                                         | 4.80              |                         |
| 5.20-5.65 | 2                 | SPT  | N=0                      |                            |       | Soft greyish brown sandy silty CLAY. Sand is fine. (TIDAL FLAT DEPOSITS)                                                                                                                                       |                   |                         |
| 5.20-5.65 | 5                 | D    |                          |                            |       | ... Becomes very soft at 5.20m bgl                                                                                                                                                                             |                   |                         |
| 5.70-6.20 | 6                 | B    |                          |                            |       |                                                                                                                                                                                                                | (2.80)            |                         |
| 6.20-6.65 | 7                 | UT   | 18 blows<br>20% recovery |                            |       |                                                                                                                                                                                                                |                   |                         |
| 6.65-6.80 | 8                 | D    |                          |                            |       |                                                                                                                                                                                                                |                   |                         |
| 7.00-7.60 | 9                 | B    |                          |                            |       |                                                                                                                                                                                                                | 7.60              |                         |
| 7.60-8.05 | 3                 | SPT  | N=10                     |                            |       | Firm dark brown clayey sandy fibrous PEAT. Sand is fine. (TIDAL FLAT DEPOSITS)                                                                                                                                 | (0.50)            |                         |
| 7.60-8.05 | 10                | D    |                          |                            |       |                                                                                                                                                                                                                | 8.10              |                         |
| 8.50-9.00 | 11                | B    |                          |                            |       | Firm dark grey slightly organic silty CLAY. (TIDAL FLAT DEPOSITS).                                                                                                                                             |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress        |    |                  | General Remarks                                                                                                                                                                                                                                                      |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|-----------------------------------|----|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm) |                                                                                                                                                                                                                                                                      |
|                                        |      |                |              |                        |             |                                   |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 2.80m depth. 300mm diameter pipe installed prior to backfilling to allow cable percussive drilling to commence.<br>3. Groundwater encountered at 9.00m depth. |
| Method Used: <b>Cable Percussion</b>   |      |                |              |                        |             | Plant Used: <b>Dando 3000</b>     |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                                                                                          |
| Drilled By: <b>CJA</b>                 |      |                |              |                        |             | Logged By: <b>Rachael Lockyer</b> |    |                  | Checked By:  <b>AGS</b>                                                                                                                                                         |

|                                          |  |                                                |                              |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH321</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>22.08.24</b><br>End: <b>28.08.24</b> | Ground Level:<br><b>6.39</b> | National Grid Co-ordinate:<br><b>E:277648.9 N:185999.2</b> | Sheet:<br><b>2 of 3</b>   |

| Depth<br>(m) | Samples & Testing |      |                             | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                                                                                                       | Depth<br>(Thick-<br>ness)       | Material<br>Graphic<br>Legend |         |  |
|--------------|-------------------|------|-----------------------------|---------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|---------|--|
|              | No                | Type | Results                     |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 9.00-9.45    | 12                | UT   | 10 blows<br>22% recovery    |                                 |       | Firm dark grey slightly organic silty CLAY. (TIDAL FLAT DEPOSITS).<br>(stratum copied from 8.10m from previous sheet)                                                                                                                                                       | (1.90)                          |                               |         |  |
| 9.45-9.60    | 13                | D    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 10.00-10.50  | 14                | B    |                             |                                 |       | Medium dense becoming dense and very dense brown sandy clayey subangular to subrounded fine to coarse GRAVEL of mudstone and siltstone with high cobble content. Cobbles are subrounded to subangular of sandstone. (Weathered South Wales Middle Coal Measures Formation). | 10.00                           |                               |         |  |
| 10.50-10.95  | 4                 | SPT  | N=12                        |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 10.50-10.95  | 15                | D    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 11.70-12.50  | 16                | B    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 12.50-12.95  | 5                 | SPT  | N=19                        |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 12.50-12.95  | 17                | D    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 13.00-13.50  | 18                | B    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 13.50-13.95  | 6                 | SPT  | N=46                        |                                 |       |                                                                                                                                                                                                                                                                             | . . . Becomes dense 13.50m bgl. |                               |         |  |
| 13.50-13.95  | 19                | D    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 14.50-15.40  | 20                | B    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 15.10-15.55  | 7                 | SPT  | N=30                        |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 15.10-15.55  | 21                | D    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 16.00-16.50  | 22                | B    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 16.50-16.94  | 8                 | SPT  | 4,9/11,17,12,10<br>for 60mm |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               | (13.50) |  |
| 16.50-16.94  | 23                | D    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |
| 17.50-18.10  | 24                | B    |                             |                                 |       |                                                                                                                                                                                                                                                                             |                                 |                               |         |  |

| Boring Progress and Water Observations |      |                  |              |                        |             | Chiselling / Slow Progress |    |                          | General Remarks |                                                                                           |
|----------------------------------------|------|------------------|--------------|------------------------|-------------|----------------------------|----|--------------------------|-----------------|-------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth   | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm)         |                 |                                                                                           |
|                                        |      |                  |              |                        |             |                            |    |                          |                 |                                                                                           |
|                                        |      |                  |              |                        |             |                            |    | All dimensions in metres |                 | Scale: 1:50                                                                               |
| Method Used:                           |      | Cable Percussion |              | Plant Used:            |             | Dando 3000                 |    | Drilled By:              |                 | CJA                                                                                       |
|                                        |      |                  |              |                        |             |                            |    | Logged By:               |                 | Rachael Lockyer                                                                           |
|                                        |      |                  |              |                        |             |                            |    | Checked By:              |                 |  AGS |

|                                          |  |                                                |                              |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH321</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>22.08.24</b><br>End: <b>28.08.24</b> | Ground Level:<br><b>6.39</b> | National Grid Co-ordinate:<br><b>E:277648.9 N:185999.2</b> | Sheet:<br><b>3 of 3</b>   |

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| Boring Progress and Water Observations |      |                |                               |                        |             | Chiselling / Slow Progress |    |                  | General Remarks                   |                                                                                                              |
|----------------------------------------|------|----------------|-------------------------------|------------------------|-------------|----------------------------|----|------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth                  | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                                   |                                                                                                              |
|                                        |      |                |                               |                        |             |                            |    |                  | All dimensions in metres          | Scale: <b>1:50</b>                                                                                           |
| Method Used: <b>Cable Percussion</b>   |      |                | Plant Used: <b>Dando 3000</b> |                        |             | Drilled By: <b>CJA</b>     |    |                  | Logged By: <b>Rachael Lockyer</b> | Checked By:  <b>AGS</b> |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH322</b> |
| Contract Ref: <b>315531</b>           | Start: <b>10.06.24</b><br>End: <b>20.06.24</b> | Ground Level: <b>6.59</b> | National Grid Co-ordinate: <b>E:277781.7 N:185934.3</b> |  | Sheet: <b>1 of 9</b>   |

| Depth (m) | Samples & Testing |      |          | Mechanical Log |         |         |         | Flush Returns & Details | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                    | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|----------|----------------|---------|---------|---------|-------------------------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|           | No                | Type | Results  | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 0.00-0.20 | 1                 | B    |          |                |         |         |         |                         |                            |       | MADE GROUND: black, silty sandy subangular to angular GRAVEL of slag. High subangular cobble content of slag. Sand is fine to coarse. . . . 1.7m x 0.10 x 0.15m slab of steel                            |              | (1.10)            |                         |
| 0.20-0.50 | 2                 | B    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 0.50-1.10 | 3                 | ES   |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 1.00-1.45 | 1                 | SPT  | N=20     |                |         |         |         |                         |                            |       | MADE GROUND: Medium dense dark grey to black slightly gravelly clayey fine to coarse SAND. Gravel IS angular fine to coarse of slag and sandstone.                                                       |              | 1.10              |                         |
| 1.10-1.60 | 5                 | B    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              | (0.50)            |                         |
| 1.60      | ES2               | ES   |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              | 1.60              |                         |
| 1.60-2.00 | 6                 | B    |          |                |         |         |         |                         |                            |       | MADE GROUND: Loose becoming very loose yellow brown slightly gravelly fine to coarse SAND. Gravel is subrounded fine of sandstone.                                                                       |              |                   |                         |
| 2.00-2.45 | 2                 | SPT  | N=4      |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 2.45      | 7                 | D    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 2.50-3.10 | 8                 | B    |          |                |         |         |         |                         |                            |       | . . . becoming very loose at 3.00mbgl<br>. . . Becoming darker in colour, rare angular cobbles of slag.                                                                                                  |              | (2.80)            |                         |
| 3.00-3.45 | 3                 | SPT  | N=1      |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 3.45-4.00 | 10                | B    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 4.00-4.45 | 4                 | SPT  | N=8      |                |         |         |         |                         |                            |       | Soft dark grey silty CLAY (TIDAL FLAT DEPOSITS)                                                                                                                                                          |              | 4.40              |                         |
| 4.45      | 11                | D    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 4.40      | ES4               | ES   | N=5      |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 4.50-4.95 | 5                 | SPT  |          |                |         |         |         |                         |                            |       | . . . High organic content. Frequent pockets of dark brown and orangebrown, firm fibrous PEAT between 7.00-7.5mbgl.<br>Soft brown fibrous PEAT. (TIDAL FLAT DEPOSITS)<br>. . . becoming loose at 4.0mbgl |              |                   |                         |
| 5.00-5.45 | 13                | D    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 5.80-6.30 | 14                | B    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              | (3.10)            |                         |
| 6.30-6.75 | 15                | U    | 17 blows |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 6.75-6.80 | 16                | D    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 7.00-7.45 | 6                 | SPT  | N=5      |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 7.50-7.95 | 19                | D    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              | 7.50              |                         |
| 7.95      | 20                | B    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              |                   |                         |
| 8.50-9.00 | 21                | B    |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              | (1.50)            |                         |
|           |                   |      |          |                |         |         |         |                         |                            |       |                                                                                                                                                                                                          |              | 9.00              |                         |

| Boring Progress and Water Observations                              |      |                |              |                        |             | Chiselling / Slow Progress             |    |                  | General Remarks                                                                                                                                                                         |
|---------------------------------------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------------------|----|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                                | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                   | To | Duration (hh:mm) |                                                                                                                                                                                         |
|                                                                     |      |                |              |                        |             |                                        |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit hand dug and mechanically excavated to 1.2m depth.<br>3. Groundwater encountered at 9.5m depth. |
| Method Used: <b>Inspection pit + Cable Percussion + Rotary Core</b> |      |                |              |                        |             | Plant Used: <b>Dando 3000 + Fraste</b> |    |                  | All dimensions in metres                                                                                                                                                                |
| Drilled By: <b>CJA</b>                                              |      |                |              |                        |             | Logged By: <b>Rachael Lockyer</b>      |    |                  | Scale: <b>1:50</b>                                                                                                                                                                      |
|                                                                     |      |                |              |                        |             | Checked By: <b>AGS</b>                 |    |                  |                                                                                                                                                                                         |

# BOREHOLE LOG

|                                          |  |                                                |                              |  |                                                            |                           |                         |  |
|------------------------------------------|--|------------------------------------------------|------------------------------|--|------------------------------------------------------------|---------------------------|-------------------------|--|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |  |                                                            | Borehole:<br><b>BH322</b> |                         |  |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>10.06.24</b><br>End: <b>20.06.24</b> | Ground Level:<br><b>6.59</b> |  | National Grid Co-ordinate:<br><b>E:277781.7 N:185934.3</b> |                           | Sheet:<br><b>2 of 9</b> |  |

| Depth (m)   | Samples & Testing |          |                        | Mechanical Log |         |         |         | Flush Returns & Details | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                        | Fracture Log | Depth (Thick ness) | Material Graphic Legend |
|-------------|-------------------|----------|------------------------|----------------|---------|---------|---------|-------------------------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|-------------------------|
|             | No                | Type     | Results                | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |
| 9.00-9.45   | 7                 | SPT D    | N=7                    |                |         |         |         |                         |                            |       | Soft grey brown mottled yellow/orange brown slightly gravel sandy SILT. Gravel is angular coarse of sandstone. Sand is fine to coarse. Medium organic content including pockets of brown fibrous peat. (TIDAL FLAT DEPOSITS)                                                 |              | (0.50)             | x x x x x               |
| 9.00-9.45   | 22                |          |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              | 9.50               | x x x x x               |
| 9.50-10.00  | 23                | B        |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |
| 10.50-10.95 | 8                 | SPT(c) D | N=11                   |                |         |         |         |                         |                            |       | Medium dense brown clayey, silty slightly sandy subangular to subrounded GRAVEL and COBBLES of sandstone and siltstone/mudstone. Sand is fine to coarse. Cobbles between 5 to 15cm long. (GLACIOFLUVIAL DEPOSITS)                                                            |              |                    |                         |
| 10.50-10.95 | 24                |          |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |
| 11.00-11.50 | 25                | B        |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |
| 12.00-12.45 | 9                 | SPT B    | N=45                   |                |         |         |         |                         |                            |       | becoming dense at 12.00mbgl.                                                                                                                                                                                                                                                 |              | (6.00)             |                         |
| 12.00-12.45 | 26                |          |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |
| 13.00-13.50 | 27                | B        |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |
| 13.50-13.83 | 10                | SPT      | 6,10/13,17,20 for 25mm |                |         |         |         |                         |                            |       | becoming very dense at 13.50mbgl.                                                                                                                                                                                                                                            |              |                    |                         |
| 13.50-13.95 | 28                | D        |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |
| 14.00-14.50 | 29                | B        |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |
| 15.00-15.45 | 11                | SPT D    | N=49                   |                |         |         |         |                         |                            |       | becoming dense at 12.00mbgl                                                                                                                                                                                                                                                  |              | 15.50              |                         |
| 15.00-15.45 | 30                |          |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |
| 15.50-16.00 | 31                | B        |                        |                |         |         |         |                         |                            |       | Stiff grey brown slightly gravelly slightly sandy silty CLAY. Gravel is subrounded to rounded fine of mudstone and sandstone. Sand is fine. Medium subangular to subrounded cobble content of mudstone or sandstone. (Weathered South Wales Middle Coal Measures Formation). |              |                    |                         |
| 16.50-16.95 | 12                | SPT B    | N=37                   |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              | (3.50)             |                         |
| 16.50-17.00 | 32                |          |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |
| 17.50-18.00 | 33                | B        |                        |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                              |              |                    |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH322</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>10.06.24</b><br>End: <b>20.06.24</b> | Ground Level:<br><b>6.59</b> | National Grid Co-ordinate:<br><b>E:277781.7 N:185934.3</b> | Sheet:<br><b>3 of 9</b>   |

LIBRARY\_V10\_01.GLB LibVersion: v8.07.001 PrjVersion: v8.07 | Log COMPOSITE LOG - A4P | 315531 PORT TALBOT.GPJ - v10\_01.  
The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk. 30/01/25 - 14:51 JB17

| Boring Progress and Water Observations           |      |                                 |              |                        |             | Chiselling / Slow Progress |    |                    | General Remarks |  |
|--------------------------------------------------|------|---------------------------------|--------------|------------------------|-------------|----------------------------|----|--------------------|-----------------|--|
| Date                                             | Time | Borehole Depth                  | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm)   |                 |  |
|                                                  |      |                                 |              |                        |             |                            |    |                    |                 |  |
| Method Used: Inspection pit + Cable Percussion + |      | Plant Used: Dando 3000 + Fraste |              | Drilled By: CJA        |             | Logged By: Rachael Lockyer |    | Checked By: ZB AGS |                 |  |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH322</b> |
| Contract Ref: <b>315531</b>           | Start: <b>10.06.24</b><br>End: <b>20.06.24</b> | Ground Level: <b>6.59</b> | National Grid Co-ordinate: <b>E:277781.7 N:185934.3</b> |  | Sheet: <b>4 of 9</b>   |

| Depth (m)   | Samples & Testing |      |         | Mechanical Log |         |         |         | Flush Returns & Details Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                           | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|---------|----------------|---------|---------|---------|----------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|             | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                                                    |       |                                                                                                                                                                                                 |              |                   |                         |
| 27.50-29.00 |                   |      |         | 0              | 0       | 0       |         | 90% return Water (Grey)                            |       | Very dense grey brown clayey fine SAND. (Weathered South Wales Middle Coal Measures Formation)<br>... becoming very dense at 23.00mbgl( <i>stratum copied from 23.00m from previous sheet</i> ) |              | 29.00             | ZCL                     |
| 29.00-31.50 |                   |      |         | 0              | 0       | 0       |         | 90% return Water (Grey)                            |       | Medium dense grey brown clayey fine SAND. (Weathered South Wales Middle Coal Measures Formation)                                                                                                |              | (4.00)            |                         |
| 31.50-33.00 |                   |      |         | 0              | 0       | 0       |         | 90% return Water (Grey)                            |       |                                                                                                                                                                                                 |              |                   |                         |
| 33.00-34.50 |                   |      |         | 0              | 0       | 0       |         | 70% return Air+Mist (Grey)                         |       | SANDSTONE (South Wales Coal Measures)                                                                                                                                                           |              | 33.00             |                         |
| 34.50-36.00 |                   |      |         | 0              | 0       | 0       |         | 70% return Air+Mist (Grey)                         |       |                                                                                                                                                                                                 |              |                   |                         |

| Boring Progress and Water Observations                               |      |                                        |              |                        |             | Chiselling / Slow Progress        |    |                       | General Remarks |                                                                                                                                         |
|----------------------------------------------------------------------|------|----------------------------------------|--------------|------------------------|-------------|-----------------------------------|----|-----------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                                 | Time | Borehole Depth                         | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm)      |                 |                                                                                                                                         |
|                                                                      |      |                                        |              |                        |             |                                   |    |                       |                 |                                                                                                                                         |
|                                                                      |      |                                        |              |                        |             |                                   |    |                       |                 |                                                                                                                                         |
| Method Used: <b>Inspection pit + Cable Percussion + Rotary Corer</b> |      | Plant Used: <b>Dando 3000 + Fraste</b> |              | Drilled By: <b>CJA</b> |             | Logged By: <b>Rachael Lockyer</b> |    | Checked By: <b>JB</b> |                 | All dimensions in metres<br>Scale: <b>1:50</b><br> |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH322</b>  |
| Contract Ref:               | Start: <b>10.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>20.06.24</b>   | <b>6.59</b>       | <b>E:277781.7 N:185934.3</b> | <b>5 of 9</b> |

| Depth<br>(m) | Samples & Testing |      |         | Mechanical Log |            |            |            | Flush<br>Returns<br>& Details    | Backfill &<br>Instru-<br>mentation | Water | Description of Strata                                                                              | Fracture<br>Log | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|------|---------|----------------|------------|------------|------------|----------------------------------|------------------------------------|-------|----------------------------------------------------------------------------------------------------|-----------------|---------------------------|-------------------------------|
|              | No                | Type | Results | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                                  |                                    |       |                                                                                                    |                 |                           |                               |
| 37.50-39.00  |                   |      |         | ↑              | ↑          | ↑          |            | 70% return<br>Air+Mist<br>(Grey) | <div></div>                        |       | SANDSTONE (South Wales Coal Measures)<br>( <i>stratum copied from 33.00m from previous sheet</i> ) |                 |                           |                               |
|              |                   |      |         | 0              | 0          | 0          |            | 70% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
|              |                   |      |         | ↓              | ↓          | ↓          |            | 70% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
| 39.00-40.50  |                   |      |         | ↑              | ↑          | ↑          |            | 70% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
|              |                   |      |         | 0              | 0          | 0          |            | 70% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
|              |                   |      |         | ↓              | ↓          | ↓          |            | 70% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
| 40.50-42.00  |                   |      |         | ↑              | ↑          | ↑          |            | 80% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
|              |                   |      |         | 0              | 0          | 0          |            | 80% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
|              |                   |      |         | ↓              | ↓          | ↓          |            | 80% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
| 42.00-43.50  |                   |      |         | ↑              | ↑          | ↑          |            | 80% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
|              |                   |      |         | 0              | 0          | 0          |            | 80% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
|              |                   |      |         | ↓              | ↓          | ↓          |            | 80% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
| 43.50-45.00  |                   |      |         | ↑              | ↑          | ↑          |            | 80% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
|              |                   |      |         | 0              | 0          | 0          |            | 80% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |
|              |                   |      |         | ↓              | ↓          | ↓          |            | 80% return<br>Air+Mist<br>(Grey) |                                    |       |                                                                                                    |                 |                           |                               |

| Boring Progress and Water Observations           |      |                                 |              |                        |             | Chiselling / Slow Progress |    |                    | General Remarks |  |
|--------------------------------------------------|------|---------------------------------|--------------|------------------------|-------------|----------------------------|----|--------------------|-----------------|--|
| Date                                             | Time | Borehole Depth                  | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm)   |                 |  |
|                                                  |      |                                 |              |                        |             |                            |    |                    |                 |  |
| Method Used: Inspection pit + Cable Percussion + |      | Plant Used: Dando 3000 + Fraste |              | Drilled By: CJA        |             | Logged By: Rachael Lockyer |    | Checked By: JB AGS |                 |  |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
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| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH322</b> |
| Contract Ref: <b>315531</b>           | Start: <b>10.06.24</b><br>End: <b>20.06.24</b> | Ground Level: <b>6.59</b> | National Grid Co-ordinate: <b>E:277781.7 N:185934.3</b> |  | Sheet: <b>6 of 9</b>   |

| Depth (m)   | Samples & Testing |      |         | Mechanical Log |         |         |         | Flush Returns & Details    | Backfill & Instrumentation | Water | Description of Strata                                                                     | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|---------|----------------|---------|---------|---------|----------------------------|----------------------------|-------|-------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|             | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |                            |       |                                                                                           |              |                   |                         |
| 45.00-46.50 |                   |      |         | 0              | 0       | 0       |         | 80% return Air+Mist (Grey) |                            |       | SANDSTONE (South Wales Coal Measures)<br>(stratum copied from 33.00m from previous sheet) |              |                   |                         |
| 46.50-48.00 |                   |      |         | 0              | 0       | 0       |         | 80% return Air+Mist (Grey) |                            |       |                                                                                           |              |                   |                         |
| 48.00-49.50 |                   |      |         | 0              | 0       | 0       |         | 80% return Air+Mist (Grey) |                            |       |                                                                                           |              |                   |                         |
| 49.50-51.00 |                   |      |         | 0              | 0       | 0       |         | 80% return Air+Mist (Grey) |                            |       |                                                                                           |              |                   |                         |
| 51.00-52.50 |                   |      |         | 0              | 0       | 0       |         | 80% return Air+Mist (Grey) |                            |       |                                                                                           |              |                   |                         |
| 52.50-54.00 |                   |      |         | 0              | 0       | 0       |         | 80% return Air+Mist (Grey) |                            |       |                                                                                           |              | 54.00             |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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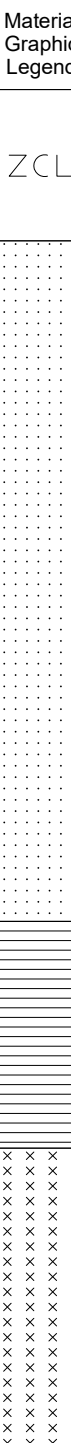
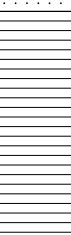
# BOREHOLE LOG

|                                       |  |                                                |                           |                           |  |                                                         |  |                      |
|---------------------------------------|--|------------------------------------------------|---------------------------|---------------------------|--|---------------------------------------------------------|--|----------------------|
| Contract: <b>EAF Meltshop Project</b> |  |                                                | Client: <b>TATA Steel</b> |                           |  | Borehole: <b>BH322</b>                                  |  |                      |
| Contract Ref: <b>315531</b>           |  | Start: <b>10.06.24</b><br>End: <b>20.06.24</b> |                           | Ground Level: <b>6.59</b> |  | National Grid Co-ordinate: <b>E:277781.7 N:185934.3</b> |  | Sheet: <b>7 of 9</b> |

| Depth (m)   | Samples & Testing |      |         | Mechanical Log |         |         |         | Flush Returns & Details Backfill & Instrumentation | Water | Description of Strata                                                                                                                           | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|---------|----------------|---------|---------|---------|----------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|             | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                                                    |       |                                                                                                                                                 |              |                   |                         |
| 54.00-55.50 |                   |      |         | 0              | 0       | 0       |         | 90% return Air+Mist (Dark grey/black)              |       | Inferred COAL (Drillers Description). (SOUTH WALES COAL MEASURES).                                                                              |              |                   |                         |
| 55.50-57.00 |                   |      |         | 0              | 0       | 0       |         | 90% return Air+Mist (Dark grey/black)              |       |                                                                                                                                                 |              | (5.00)            |                         |
| 57.00-58.50 |                   |      |         | 0              | 0       | 0       |         | 90% return Air+Mist (Dark grey/black)              |       |                                                                                                                                                 |              |                   |                         |
| 58.50-60.00 |                   |      |         | 0              | 0       | 0       |         | 90% return Air+Mist (Grey)                         |       |                                                                                                                                                 |              | 59.00             |                         |
| 60.00-61.50 |                   |      |         | 0              | 0       | 0       |         | 90% return Air+Mist (Grey)                         |       | Medium strong unweathered grey brown fine SANDSTONE with rare thin layers of dark grey organic mudstone/siltstone. (SOUTH WALES COAL MEASURES). |              |                   |                         |
| 61.50-63.00 |                   |      |         | 0              | 0       | 0       |         | 90% return Air+Mist (Grey)                         |       |                                                                                                                                                 |              | (5.00)            | ZCL                     |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH322</b>  |
| Contract Ref:               | Start: <b>10.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>20.06.24</b>   | <b>6.59</b>       | <b>E:277781.7 N:185934.3</b> | <b>8 of 9</b> |

| Depth<br>(m) | Samples & Testing |      |         | Mechanical Log |            |            |                              | Flush<br>Returns<br>& Details<br>(Grey) | Backfill &<br>Instru-<br>menta-<br>tion                                            | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                         | Fracture<br>Log                                                                      | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                         |
|--------------|-------------------|------|---------|----------------|------------|------------|------------------------------|-----------------------------------------|------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|
|              | No                | Type | Results | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm)                   |                                         |                                                                                    |       |                                                                                                                                                                                                                                                                                                                                                               |                                                                                      |                           |                                                                                       |
| 63.00-64.00  |                   |      |         | ↑<br>0         | ↑<br>0     | ↑<br>0     |                              | 90% return<br>Air+Mist<br>(Grey)        |  |       | Medium strong unweathered grey brown fine SANDSTONE with rare thin layers of dark grey organic mudstone/siltstone. (SOUTH WALES COAL MEASURES).<br><i>(stratum copied from 59.00m from previous sheet)</i><br>Medium strong unweathered grey brown fine SANDSTONE with rare thin layers of dark grey organic mudstone/siltstone. (SOUTH WALES COAL MEASURES). |  | 64.00                     |   |
| 64.00-65.50  |                   |      |         | ↑              | ↑          | ↑          |                              |                                         |                                                                                    |       |                                                                                                                                                                                                                                                                                                                                                               |                                                                                      |                           |                                                                                       |
|              |                   |      |         | 80             | 0          | 0          |                              |                                         |                                                                                    |       |                                                                                                                                                                                                                                                                                                                                                               |                                                                                      |                           |                                                                                       |
| 65.50-67.00  |                   |      |         | ↑              | ↑          | ↑          |                              |                                         |                                                                                    |       |                                                                                                                                                                                                                                                                                                                                                               |                                                                                      |                           |                                                                                       |
|              |                   |      |         | 73             | 0          | 0          |                              |                                         |                                                                                    |       |                                                                                                                                                                                                                                                                                                                                                               | (4.50)                                                                               |                           |                                                                                       |
| 67.00-68.50  |                   |      |         | ↑              | ↑          | ↑          | ↑<br>35<br>12<br>FI=19       |                                         |                                                                                    |       |                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                    | 68.50                     |                                                                                       |
| 68.50-70.00  |                   |      |         | ↑              | ↑          | ↑          | ↑<br>4<br>45<br>FI=14        |                                         |                                                                                    |       | Moderately weak to medium strong unweathered grey MUDSTONE. Frequent thin bands of brown siltstone/fine sandstone. (SOUTH WALES COAL MEASURES).                                                                                                                                                                                                               | 2[1]                                                                                 | (1.50)                    |  |
| 70.00-71.50  |                   |      |         | ↑              | ↑          | ↑          | ↑<br>35<br>10<br>30<br>FI=10 |                                         |                                                                                    |       | Medium strong unweathered grey brown SILTSTONE/FINE SANDSTONE. Frequent angular inclusions of dark grey organic mudstone. (SOUTH WALES COAL MEASURES).                                                                                                                                                                                                        |                                                                                      | 70.00                     |  |
| 71.50-73.00  |                   |      |         | ↑<br>50        | ↑<br>0     | ↑<br>0     |                              |                                         |                                                                                    |       |                                                                                                                                                                                                                                                                                                                                                               |                                                                                      | (3.00)                    |                                                                                       |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH322</b>  |
| Contract Ref:               | Start: <b>10.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>20.06.24</b>   | <b>6.59</b>       | <b>E:277781.7 N:185934.3</b> | <b>9 of 9</b> |

| Depth<br>(m) | Samples & Testing |      |         | Mechanical Log |         |         |          | Flush Returns & Details | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                             | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|--------------|-------------------|------|---------|----------------|---------|---------|----------|-------------------------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|              | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm)  |                         |                            |       |                                                                                                                                                                                                                   |              |                   |                         |
| 73.00-74.50  |                   |      |         | 50             | 0       | 0       |          |                         |                            |       | Medium strong unweathered grey brown SILTSTONE/FINE SANDSTONE. Frequent angular inclusions of dark grey organic mudstone. (SOUTH WALES COAL MEASURES).<br><i>(stratum copied from 70.00m from previous sheet)</i> |              | 73.00             | x x x x                 |
|              |                   |      |         |                |         |         |          |                         |                            |       | Moderately weak unweathered grey MUDSTONE. (SOUTH WALES COAL MEASURES).                                                                                                                                           | 3            | (1.50)            |                         |
| 74.50-76.00  |                   |      |         | 97             | 34      | 14      | 350 Fl=2 |                         |                            |       |                                                                                                                                                                                                                   |              | 74.50             |                         |
|              |                   |      |         |                |         |         |          |                         |                            |       | Weak to moderately weak unweathered to partially unweathered grey MUDSTONE. (SOUTH WALES COAL MEASURES).                                                                                                          |              | 74.80             |                         |
|              |                   |      |         | 5              | 0       | 0       |          |                         |                            |       | Extremely weak to weak destructured black COAL. (SOUTH WALES COAL MEASURES).                                                                                                                                      |              | (1.20)            |                         |
|              |                   |      |         |                |         |         |          |                         |                            |       | Borehole terminated at 76.0m bgl.                                                                                                                                                                                 |              | 76.00             |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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# BOREHOLE LOG

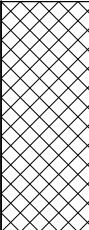
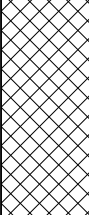
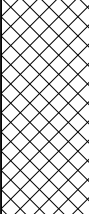
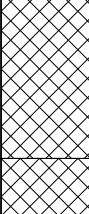
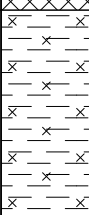
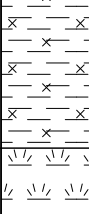
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|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH323</b> |
| Contract Ref: <b>315531</b>           | Start: <b>08.06.24</b><br>End: <b>11.06.24</b> | Ground Level: <b>5.89</b> | National Grid Co-ordinate: <b>E:277732.0 N:186081.9</b> |  | Sheet: <b>1 of 1</b>   |

| Depth (m) | Samples & Testing |      |                    | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                           | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|--------------------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type | Results            |                            |       |                                                                                                                                                                                                                                                                                                                                 |                   |                         |
| 0.30      | ES1               | ES   |                    |                            |       | MADE GROUND. Dark brown sandy angular fine to coarse GRAVEL of various lithologies including limestone, mudstone and slag. Sand is fine to coarse.<br>... Cobble/boulder of slag encountered in the side of the inspection pit at 0.10m bgl.<br>... Becomes dark brown black and frequent angular cobbles of slag at 0.30m bgl. |                   |                         |
| 1.50-2.00 | 1                 | B    |                    |                            |       |                                                                                                                                                                                                                                                                                                                                 | (3.40)            |                         |
| 2.50-3.00 | 2                 | B    |                    |                            |       |                                                                                                                                                                                                                                                                                                                                 |                   |                         |
| 3.00-3.23 | 1                 | SPT  | 7,11/36,14 for 0mm |                            |       |                                                                                                                                                                                                                                                                                                                                 |                   |                         |
| 3.00-3.40 | 3                 | B    |                    |                            |       |                                                                                                                                                                                                                                                                                                                                 | 3.40              |                         |
|           |                   |      |                    |                            |       | Borehole terminated due to refusal.                                                                                                                                                                                                                                                                                             |                   |                         |

| Boring Progress and Water Observations                |      |                |              |                        |             | Chiselling / Slow Progress        |    |                  | General Remarks                                                                                                                                                              |
|-------------------------------------------------------|------|----------------|--------------|------------------------|-------------|-----------------------------------|----|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                  | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm) |                                                                                                                                                                              |
|                                                       |      |                |              |                        |             |                                   |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit hand dug and mechanically excavated to 2.2m depth.<br>3. No groundwater encountered. |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      |                |              |                        |             | Plant Used: <b>Dando 2000</b>     |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                  |
| Drilled By: <b>CJA</b>                                |      |                |              |                        |             | Logged By: <b>Kieran Bancroft</b> |    |                  | Checked By:  <b>AGS</b>                                                                 |

# BOREHOLE LOG

|                                       |  |                        |                           |  |                                                         |                         |                      |  |
|---------------------------------------|--|------------------------|---------------------------|--|---------------------------------------------------------|-------------------------|----------------------|--|
| Contract: <b>EAF Meltshop Project</b> |  |                        | Client: <b>TATA Steel</b> |  |                                                         | Borehole: <b>BH323A</b> |                      |  |
| Contract Ref: <b>315531</b>           |  | Start: <b>30.09.24</b> | Ground Level: <b>---</b>  |  | National Grid Co-ordinate: <b>E:277732.0 N:186074.0</b> |                         | Sheet: <b>1 of 7</b> |  |
|                                       |  | End: <b>08.10.24</b>   |                           |  |                                                         |                         |                      |  |

| Depth (m) | Samples & Testing |      |         | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                              | Depth (Thickness) | Material Graphic Legend                                                               |
|-----------|-------------------|------|---------|----------------|---------|---------|---------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|
|           | No                | Type | Results | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 2.50-3.00 | 1                 | B    | N=35    |                |         |         |         |                            |       | MADE GROUND: Dense (from 3.00m) dark grey and dark greyish brown slightly sandy GRAVEL and COBBLES with medium boulder content. Gravel is subangular to subrounded fine to coarse slag. Cobbles are angular to subangular slag. Boulders are slag. | (4.50)            |    |
| 3.00-3.50 | 3                 | B    |         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 3.00-3.45 | 22                | SPT  |         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 3.70-4.30 | 4                 | B    | N=9     |                |         |         |         |                            |       | MADE GROUND: Loose dark grey angular GRAVEL of medium to coarse mudstone. (Probable Fill)                                                                                                                                                          | 4.50              |    |
| 4.30-4.75 | 5                 | D    |         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 4.30-4.75 | 23                | SPT  |         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 4.50-5.10 | 6                 | B    | N=10    |                |         |         |         |                            |       | MADE GROUND: Medium dense dark grey sandy angular fine to coarse GRAVEL of mudstone, coal and shale. Sand is fine to coarse.                                                                                                                       | (1.10)            |   |
| 5.10-5.55 | 7                 | D    |         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 5.10-5.55 | 24                | SPT  |         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 5.60-6.10 | 8                 | B    | N=10    |                |         |         |         |                            |       | MADE GROUND: Medium dense dark grey sandy angular fine to coarse GRAVEL of mudstone, coal and shale. Sand is fine to coarse.                                                                                                                       | 5.60              |  |
| 6.10-6.55 | 9                 | D    |         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 6.10-6.55 | 25                | SPT  |         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 7.00-7.50 | 10                | D    |         |                |         |         |         |                            |       | Dark brown silty CLAY. (Tidal Flat Deposits)                                                                                                                                                                                                       | (0.50)            |  |
| 7.50-7.95 | 11                | U    |         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 7.95-8.10 | 12                | D    |         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                    |                   |                                                                                       |
| 8.50-9.00 | 13                | B    |         |                |         |         |         |                            |       | Dark brown fibrous PEAT. (Tidal Flat Deposits)                                                                                                                                                                                                     | 8.50              |  |

| Boring Progress and Water Observations                  |      |                |              |                        |             | Chiselling / Slow Progress                                                                        |    |                  | General Remarks                                                                                                                                                        |
|---------------------------------------------------------|------|----------------|--------------|------------------------|-------------|---------------------------------------------------------------------------------------------------|----|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                    | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                                                                              | To | Duration (hh:mm) |                                                                                                                                                                        |
|                                                         |      |                |              |                        |             |                                                                                                   |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit mechanically dug to 2.50m depth.<br>3. Groundwater encountered at 2.50m depth. |
| Method Used: <b>Cable Percussion + Rotary open hole</b> |      |                |              |                        |             | Plant Used: <b>Dando 3000 + Comacchio GEO 205</b>                                                 |    |                  | All dimensions in metres                                                                                                                                               |
| Drilled By: <b>CJA</b>                                  |      |                |              |                        |             | Logged By: <b>Jagan Raj</b>                                                                       |    |                  | Scale: <b>1:50</b>                                                                                                                                                     |
|                                                         |      |                |              |                        |             | Checked By:  |    |                  |                                                                                   |

# BOREHOLE LOG

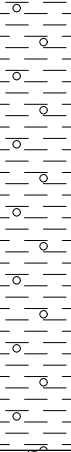
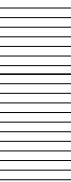
|                                       |                        |                          |                                                         |  |                         |
|---------------------------------------|------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                        |                          | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH323A</b> |
| Contract Ref: <b>315531</b>           | Start: <b>30.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277732.0 N:186074.0</b> |  | Sheet: <b>2 of 7</b>    |

| Depth (m)   | Samples & Testing |        |                         | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                            | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|--------|-------------------------|----------------|---------|---------|---------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type   | Results                 | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                                                                                  |                   |                         |
| 9.00-9.45   | 14                | D      | N=9                     |                |         |         |         |                            |       | Dark brown fibrous PEAT. (Tidal Flat Deposits) ( <i>stratum copied from 8.50m from previous sheet</i> )                                                                                                                                                          | (1.50)            |                         |
| 9.00-9.45   | 26                | SPT    |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  |                   |                         |
| 10.00-10.50 | 15                | B      | N=15                    |                |         |         |         |                            |       | Dark brown gravelly CLAY. Gravel is subrounded to rounded fine to coarse mudstone and sandstone. (Glaciofluvial Deposits)                                                                                                                                        | 10.00             |                         |
| 10.50-10.95 | 16                | D      |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  |                   |                         |
| 10.50-10.95 | 27                | SPT    |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  | (1.50)            |                         |
| 11.50-12.00 | 17                | B      |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  | 11.50             |                         |
| 12.00-12.50 | 19                | B      | N=26                    |                |         |         |         |                            |       | Medium dense pale brown and reddish brown subangular to rounded fine to coarse GRAVEL of sandstone, siltstone and mudstone. (Glaciofluvial Deposits)                                                                                                             |                   |                         |
| 12.00-12.45 | 28                | SPT(c) |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  | (3.00)            |                         |
| 13.00-13.50 | 20                | B      | N=27                    |                |         |         |         |                            |       | ... Sandy below 13.5m bgl. Sand is coarse.                                                                                                                                                                                                                       |                   |                         |
| 13.50-14.00 | 22                | B      |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  |                   |                         |
| 13.50-13.95 | 29                | SPT(c) |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  | 14.50             |                         |
| 14.50-15.00 | 23                | B      |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  |                   |                         |
| 14.50-14.88 | 30                | SPT    | 4,12/18,18,14 for 75mm  |                |         |         |         |                            |       | Very dense Greyish brown and pale brown sandy GRAVEL and COBBLES of subangular to subrounded sandstone with medium boulder content. Gravel is subangular to subrounded fine to medium mudstone, sandstone and siltstone. Sand is coarse.(Glaciofluvial Deposits) |                   |                         |
| 15.00-15.50 | 25                | B      |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  | (3.00)            |                         |
| 16.00-16.30 | 26                | B      | N=49                    |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  |                   |                         |
| 16.30-16.50 | 27                | B      |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  |                   |                         |
| 16.50-16.95 | 28                | D      |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  |                   |                         |
| 16.50-16.95 | 31                | SPT    |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  |                   |                         |
| 17.40-17.81 | 32                | SPT    |                         |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                  | 17.50             |                         |
| 17.50-18.00 | 29                | B      | 5,8/9,12,16,13 for 35mm |                |         |         |         |                            |       | Description on next sheet                                                                                                                                                                                                                                        |                   |                         |

| Boring Progress and Water Observations                  |      |                                                   |              |                        |             | Chiselling / Slow Progress  |    |                        | General Remarks |  |
|---------------------------------------------------------|------|---------------------------------------------------|--------------|------------------------|-------------|-----------------------------|----|------------------------|-----------------|--|
| Date                                                    | Time | Borehole Depth                                    | Casing Depth | Borehole Diameter (mm) | Water Depth | From                        | To | Duration (hh:mm)       |                 |  |
|                                                         |      |                                                   |              |                        |             |                             |    |                        |                 |  |
|                                                         |      |                                                   |              |                        |             |                             |    |                        |                 |  |
| Method Used: <b>Cable Percussion + Rotary open hole</b> |      | Plant Used: <b>Dando 3000 + Comacchio GEO 205</b> |              | Drilled By: <b>CJA</b> |             | Logged By: <b>Jagan Raj</b> |    | Checked By: <b>AGS</b> |                 |  |

# BOREHOLE LOG

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH323A</b> |
| Contract Ref:               | Start: <b>30.09.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>08.10.24</b>   | <b>---</b>        | <b>E:277732.0 N:186074.0</b> | <b>3 of 7</b> |

| Depth<br>(m)               | Samples & Testing |          |                           | Mechanical Log |            |            |            | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                                                                                           | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                         |
|----------------------------|-------------------|----------|---------------------------|----------------|------------|------------|------------|---------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|
|                            | No                | Type     | Results                   | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                                 |       |                                                                                                                                                                                                                                                                 |                           |                                                                                       |
| 18.00-18.41                | 30                | D        | N=40                      |                |            |            |            |                                 |       | Very stiff greyish brown very gravelly CLAY. Gravel is rounded fine to coarse mudstone and sandstone. (Weathered South Wales Middle Coal Measures Formation).<br><i>(stratum copied from 17.50m from previous sheet)</i><br>... Becoming brown below 19.0m bgl. | (3.50)                    |    |
| 19.00-19.50                | 31                | B        |                           |                |            |            |            |                                 |       |                                                                                                                                                                                                                                                                 |                           |                                                                                       |
| 19.60-20.05<br>19.60-20.05 | 32<br>33          | D<br>SPT |                           |                |            |            |            |                                 |       |                                                                                                                                                                                                                                                                 |                           |                                                                                       |
| 20.50-21.00                | 33                | B        |                           |                |            |            |            |                                 |       |                                                                                                                                                                                                                                                                 |                           |                                                                                       |
| 21.00-21.38                | 34                | SPT      | 7,14/12,15,23<br>for 75mm |                |            |            |            |                                 |       | Very dense greyish brown clayey subangular to subrounded fine to coarse GRAVEL and COBBLES of sandstone and mudstone. (Weathered South Wales Middle Coal Measures Formation).                                                                                   | 21.00                     |   |
| 21.00-21.45                | 34                | D        |                           |                |            |            |            |                                 |       |                                                                                                                                                                                                                                                                 |                           |                                                                                       |
| 22.50-22.76                | 36                | SPT      | 14,11/40,10<br>for 35mm   |                |            |            |            |                                 |       |                                                                                                                                                                                                                                                                 | (4.20)                    |  |
| 24.00-24.29                | 35                | SPT      |                           |                |            |            |            |                                 |       |                                                                                                                                                                                                                                                                 |                           |                                                                                       |
| 25.70-25.82                | 37                | SPT      | 25/50<br>for 40mm         |                |            |            |            |                                 |       | Grey MUDSTONE. (SOUTH WALES COAL MEASURES)                                                                                                                                                                                                                      | (0.50)                    |  |
|                            |                   |          |                           |                |            |            |            |                                 |       |                                                                                                                                                                                                                                                                 |                           |                                                                                       |
|                            |                   |          |                           |                |            |            |            |                                 |       | MUDSTONE. (Drillers Description)                                                                                                                                                                                                                                |                           |                                                                                       |

| Boring Progress and Water Observations |                                     |                |              |                        |                                | Chiselling / Slow Progress |             |                  | General Remarks          |             |             |                                                                                       |                                                                                       |
|----------------------------------------|-------------------------------------|----------------|--------------|------------------------|--------------------------------|----------------------------|-------------|------------------|--------------------------|-------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time                                | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth                    | From                       | To          | Duration (hh:mm) |                          |             |             |                                                                                       |                                                                                       |
|                                        |                                     |                |              |                        |                                |                            |             |                  |                          |             |             |                                                                                       |                                                                                       |
|                                        |                                     |                |              |                        |                                |                            |             |                  |                          |             |             |                                                                                       |                                                                                       |
|                                        |                                     |                |              |                        |                                |                            |             |                  | All dimensions in metres | Scale: 1:50 |             |                                                                                       |                                                                                       |
| Method Used:                           | Cable Percussion + Rotary open hole |                |              | Plant Used:            | Dando 3000 + Comacchio GEO 205 |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj   | Checked By: |  |  |

# BOREHOLE LOG

|                                          |  |                                                |                              |                                                            |                            |                         |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|----------------------------|-------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH323A</b> |                         |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>30.09.24</b><br>End: <b>08.10.24</b> | Ground Level:<br><b>---</b>  | National Grid Co-ordinate:<br><b>E:277732.0 N:186074.0</b> |                            | Sheet:<br><b>4 of 7</b> |

| Depth (m)   | Samples & Testing |        |                 | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|--------|-----------------|----------------|---------|---------|---------|----------------------------|-------|--------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type   | Results         | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                      |                   |                         |
| 27.50-27.52 | 1                 | SPT(c) | 25/100 for 8mm  |                |         |         |         |                            |       | MUDSTONE. (Drillers Description)<br>(stratum copied from 25.70m from previous sheet) | (5.60)            |                         |
| 29.00-29.01 | 2                 | SPT(c) | 25/100 for 5mm  |                |         |         |         |                            |       |                                                                                      |                   |                         |
| 30.50-30.51 | 3                 | SPT(c) | 25/100 for 6mm  |                |         |         |         |                            |       |                                                                                      |                   |                         |
| 32.00-32.02 | 4                 | SPT(c) | 25/100 for 10mm |                |         |         |         |                            |       | COAL. (Drillers Description)                                                         | 31.30             |                         |
| 33.50-33.51 | 5                 | SPT(c) | 25/100 for 9mm  |                |         |         |         |                            |       | MUDSTONE. (Drillers Description)                                                     | 31.70             |                         |
| 35.00-35.01 | 6                 | SPT(c) | 25/100 for 3mm  |                |         |         |         |                            |       | COAL. (Drillers Description)                                                         | (0.90)            |                         |
|             |                   |        |                 |                |         |         |         |                            |       | MUDSTONE. (Drillers Description)                                                     | 32.60             |                         |
|             |                   |        |                 |                |         |         |         |                            |       |                                                                                      | (0.70)            |                         |
|             |                   |        |                 |                |         |         |         |                            |       |                                                                                      | 33.30             |                         |
|             |                   |        |                 |                |         |         |         |                            |       |                                                                                      | (2.90)            |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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# BOREHOLE LOG

|                                          |  |                                                |                              |  |                                                            |                            |                         |  |
|------------------------------------------|--|------------------------------------------------|------------------------------|--|------------------------------------------------------------|----------------------------|-------------------------|--|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |  |                                                            | Borehole:<br><b>BH323A</b> |                         |  |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>30.09.24</b><br>End: <b>08.10.24</b> | Ground Level:<br><b>---</b>  |  | National Grid Co-ordinate:<br><b>E:277732.0 N:186074.0</b> |                            | Sheet:<br><b>5 of 7</b> |  |

| Depth (m)   | Samples & Testing |        |                   | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                | Depth (Thickness)        | Material Graphic Legend |
|-------------|-------------------|--------|-------------------|----------------|---------|---------|---------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|
|             | No                | Type   | Results           | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                      |                          |                         |
| 36.50-36.67 | 7                 | SPT(c) | 9,12/100 for 20mm |                |         |         |         |                            |       | MUDSTONE. (Drillers Description)<br>(stratum copied from 33.30m from previous sheet)<br>COAL. (Drillers Description) | 36.20<br>(0.60)<br>36.80 |                         |
| 38.00-38.01 | 8                 | SPT(c) | 25/100 for 8mm    |                |         |         |         |                            |       | MUDSTONE/SANDSTONE. (Drillers Description)                                                                           |                          |                         |
| 39.50-39.51 | 9                 | SPT(c) | 25/100 for 3mm    |                |         |         |         |                            |       |                                                                                                                      |                          |                         |
| 41.00-41.01 | 10                | SPT(c) | 25/100 for 6mm    |                |         |         |         |                            |       |                                                                                                                      |                          |                         |
| 42.50-42.51 | 11                | SPT(c) | 25/100 for 6mm    |                |         |         |         |                            |       |                                                                                                                      |                          |                         |
| 44.00-44.01 | 12                | SPT(c) | 25/100 for 6mm    |                |         |         |         |                            |       |                                                                                                                      |                          |                         |

| Boring Progress and Water Observations |      |                                     |              |                                            |             | Chiselling / Slow Progress |    |                      | General Remarks          |                                                                                                   |                                                                                       |  |
|----------------------------------------|------|-------------------------------------|--------------|--------------------------------------------|-------------|----------------------------|----|----------------------|--------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm)                     | Water Depth | From                       | To | Duration (hh:mm)     |                          |                                                                                                   |                                                                                       |  |
|                                        |      |                                     |              |                                            |             |                            |    |                      |                          |                                                                                                   |                                                                                       |  |
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|                                        |      |                                     |              |                                            |             |                            |    |                      |                          |                                                                                                   |                                                                                       |  |
| Method Used:                           |      | Cable Percussion + Rotary open hole |              | Plant Used: Dando 3000 + Comacchio GEO 205 |             | Drilled By: CJA            |    | Logged By: Jagan Raj |                          | Checked By:  |  |  |
|                                        |      |                                     |              |                                            |             |                            |    |                      | All dimensions in metres |                                                                                                   | Scale: 1:50                                                                           |  |

# BOREHOLE LOG

|                                          |  |                                                |                              |                                                            |                            |                         |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|----------------------------|-------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH323A</b> |                         |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>30.09.24</b><br>End: <b>08.10.24</b> | Ground Level:<br><b>---</b>  | National Grid Co-ordinate:<br><b>E:277732.0 N:186074.0</b> |                            | Sheet:<br><b>6 of 7</b> |

| Depth (m)   | Samples & Testing |        |                 | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                          | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|--------|-----------------|----------------|---------|---------|---------|----------------------------|-------|------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type   | Results         | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                |                   |                         |
| 45.50-45.52 | 13                | SPT(c) | 25/100 for 12mm |                |         |         |         |                            |       | MUDSTONE/SANDSTONE. (Drillers Description)<br>(stratum copied from 36.80m from previous sheet) | (17.70)           |                         |
| 47.00-47.02 | 14                | SPT(c) | 25/100 for 10mm |                |         |         |         |                            |       |                                                                                                |                   |                         |
| 48.50-48.52 | 15                | SPT(c) | 25/100 for 8mm  |                |         |         |         |                            |       |                                                                                                |                   |                         |
| 50.00-50.02 | 16                | SPT(c) | 25/100 for 12mm |                |         |         |         |                            |       |                                                                                                |                   |                         |
| 51.50-51.52 | 17                | SPT(c) | 25/100 for 9mm  |                |         |         |         |                            |       |                                                                                                |                   |                         |
| 53.00-53.02 | 18                | SPT(c) | 25/100 for 13mm |                |         |         |         |                            |       |                                                                                                |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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# BOREHOLE LOG

|                                       |  |                        |                           |  |                                                         |                         |                      |  |
|---------------------------------------|--|------------------------|---------------------------|--|---------------------------------------------------------|-------------------------|----------------------|--|
| Contract: <b>EAF Meltshop Project</b> |  |                        | Client: <b>TATA Steel</b> |  |                                                         | Borehole: <b>BH323A</b> |                      |  |
| Contract Ref: <b>315531</b>           |  | Start: <b>30.09.24</b> | Ground Level: <b>---</b>  |  | National Grid Co-ordinate: <b>E:277732.0 N:186074.0</b> |                         | Sheet: <b>7 of 7</b> |  |
|                                       |  | End: <b>08.10.24</b>   |                           |  |                                                         |                         |                      |  |

| Depth (m)   | Samples & Testing |        |                 | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                              | Depth (Thickness)        | Material Graphic Legend |
|-------------|-------------------|--------|-----------------|----------------|---------|---------|---------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|
|             | No                | Type   | Results         | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                    |                          |                         |
| 54.50-54.52 | 19                | SPT(c) | 25/100 for 9mm  |                |         |         |         |                            |       | MUDSTONE/SANDSTONE. (Drillers Description)<br>(stratum copied from 36.80m from previous sheet)<br>MUDSTONE. (Drillers Description) | 54.50<br>(0.50)<br>55.00 |                         |
|             |                   |        |                 |                |         |         |         |                            |       | COAL. (Drillers Description)                                                                                                       | (0.60)<br>55.60          |                         |
| 56.00-56.02 | 20                | SPT(c) | 25/100 for 11mm |                |         |         |         |                            |       | MUDSTONE. (Drillers Description)                                                                                                   | 56.00                    |                         |
|             |                   |        |                 |                |         |         |         |                            |       | MUDSTONE/SANDSTONE. (Drillers Description)                                                                                         | (1.52)<br>57.52          |                         |
| 57.50-57.52 | 21                | SPT(c) | 25/100 for 11mm |                |         |         |         |                            |       | Borehole terminated on completion. Backfilled with arisings.                                                                       |                          |                         |

| Boring Progress and Water Observations |      |                                     |              |                        |             | Chiselling / Slow Progress     |    |                  | General Remarks |                                                                                                                                                                             |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|-------------|--------------------------------|----|------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                           | To | Duration (hh:mm) |                 |                                                                                                                                                                             |
|                                        |      |                                     |              |                        |             |                                |    |                  |                 |                                                                                                                                                                             |
| Method Used:                           |      | Cable Percussion + Rotary open hole |              | Plant Used:            |             | Dando 3000 + Comacchio GEO 205 |    | Drilled By:      |                 | CJA                                                                                                                                                                         |
|                                        |      |                                     |              |                        |             |                                |    | Logged By:       |                 | Jagan Raj                                                                                                                                                                   |
|                                        |      |                                     |              |                        |             |                                |    | Checked By:      |                 |   |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH324</b> |
| Contract Ref: <b>315531</b>           | Start: <b>12.06.24</b><br>End: <b>04.07.24</b> | Ground Level: <b>5.36</b> | National Grid Co-ordinate: <b>E:277655.7 N:186412.5</b> |  | Sheet: <b>1 of 9</b>   |

| Depth (m) | Samples & Testing |      |                       | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                              | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|-----------------------|----------------|---------|---------|---------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|           | No                | Type | Results               | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                                                    |              |                   |                         |
| 1.20-1.52 | 1                 | SPT  | 7,9/16,21,13 for 16mm |                |         |         |         |                            |       | MADE GROUND: Black to brown silty sandy subangular to angular fine to coarse GRAVEL of brick, slag, mudstone. Sand is fine to coarse.                                                                                              |              | (1.20)            |                         |
| 2.00-2.35 | 2                 | SPT  | 2,10/22,10,8 for 51mm |                |         |         |         |                            |       | MADE GROUND: Very dense brown gravelly fine to coarse SAND. Gravel is angular fine to coarse of brick, slag and mudstone.<br>... Low angular cobble content of slag (upto 15cm long) between 1.20-1.60mbgl.                        |              | (2.30)            |                         |
| 3.00-3.45 | 3                 | SPT  | N=14                  |                |         |         |         |                            |       | ... Large fragments of wood (possibly sleepers) at 3.0mbgl                                                                                                                                                                         |              | (3.50)            |                         |
| 4.00-4.45 | 4                 | SPT  | N=2                   |                |         |         |         |                            |       | MADE GROUND: Firm dark grey mottled black slightly gravelly slightly sandy silty CLAY with medium subangular cobble content of mudstone, sandstone or slag. Sand is fine to coarse. Gravel is angular coarse of red brick or slag. |              | (0.50)            |                         |
| 5.00-5.45 | 5                 | SPT  | N=5                   |                |         |         |         |                            |       | Very soft dark brown mottled dark grey silty CLAY.<br>(TIDAL FLAT DEPOSITS)                                                                                                                                                        |              | (0.80)            |                         |
| 6.00-6.45 | 6                 | SPT  | N=8                   |                |         |         |         |                            |       | Loose brown clayey fine to coarse SAND.<br>(TIDAL FLAT DEPOSITS)                                                                                                                                                                   |              | (3.80)            |                         |
|           |                   |      |                       |                |         |         |         |                            |       | ... Frequent pockets of firm, brown fibrous PEAT between 7.00-8.60mbgl.                                                                                                                                                            |              | (8.60)            |                         |
|           |                   |      |                       |                |         |         |         |                            |       | Soft dark brown and black firm to spongey, clayey slightly sandy pseudo                                                                                                                                                            |              | (9.00)            |                         |

| Boring Progress and Water Observations                              |       |                |              |                        |             | Chiselling / Slow Progress                  |      |                  | General Remarks                                                                                                                                                                         |
|---------------------------------------------------------------------|-------|----------------|--------------|------------------------|-------------|---------------------------------------------|------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                                | Time  | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                        | To   | Duration (hh:mm) |                                                                                                                                                                                         |
| 02/07/24                                                            |       | 66.00          | 29.50        | 146                    | 1.85        | 2.30                                        | 2.70 | 00:35            | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit hand dug and mechanically excavated to 1.2m depth.<br>3. Groundwater encountered at 2.0m depth. |
| 03/07/24                                                            | 08:30 | 68.50          | 67.50        | N/R                    | 1.85        |                                             |      |                  |                                                                                                                                                                                         |
|                                                                     | 08:30 | 72.00          | 67.50        | N/R                    | 1.85        |                                             |      |                  |                                                                                                                                                                                         |
| Method Used: <b>Inspection pit + Cable Percussion + Rotary Core</b> |       |                |              |                        |             | Plant Used: <b>Dando 3000 + Beretta T41</b> |      |                  | All dimensions in metres                                                                                                                                                                |
| Drilled By: <b>CJA</b>                                              |       |                |              |                        |             | Logged By: <b>Rachael Lockyer</b>           |      |                  | Scale: <b>1:50</b>                                                                                                                                                                      |
|                                                                     |       |                |              |                        |             | Checked By: <b>AGS</b>                      |      |                  |                                                                                                                                                                                         |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH324</b> |
| Contract Ref: <b>315531</b>           | Start: <b>12.06.24</b><br>End: <b>04.07.24</b> | Ground Level: <b>5.36</b> | National Grid Co-ordinate: <b>E:277655.7 N:186412.5</b> |  | Sheet: <b>2 of 9</b>   |

| Depth (m)   | Samples & Testing |      |                        | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                     | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|------------------------|----------------|---------|---------|---------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|             | No                | Type | Results                | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                                                                                                           |              |                   |                         |
| 9.50-9.95   | 7                 | SPT  | N=7                    |                |         |         |         |                            |       | fibrous PEAT. Sand is fine to coarse. (TIDAL FLAT DEPOSITS)<br>Soft greyish brown slightly organic sandy CLAY. Sand is fine to coarse. Organic content is firm, orange brown fibrous PEAT. (TIDAL FLAT DEPOSITS)<br>Soft to firm grey mottled dark grey silty CLAY. (TIDAL FLAT DEPOSITS) |              | (0.50)<br>9.50    |                         |
| 12.50-12.95 | 8                 | SPT  | N=5                    |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                           |              | (4.00)            |                         |
| 13.50-13.95 | 9                 | SPT  | 6,6/7,17,22,4 for 70mm |                |         |         |         |                            |       | Very dense brown rounded to subrounded fine to coarse GRAVELS and COBBLES of mudstone and sandstone. (Weathered South Wales Middle Coal Measures Formation).                                                                                                                              |              | (1.00)<br>13.50   |                         |
| 15.00-15.45 | 14                | SPT  | N=16                   |                |         |         |         |                            |       | Firm to stiff brown very gravelly CLAY. High subrounded cobble content of mudstone and sandstone (upto 15cm). Gravel is subrounded to rounded of mudstone and sandstone. (Weathered South Wales Middle Coal Measures Formation).                                                          |              | 14.50             |                         |
| 16.50-16.95 | 15                | SPT  | N=24                   |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                           |              |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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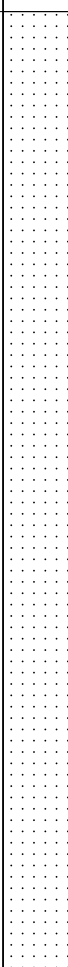
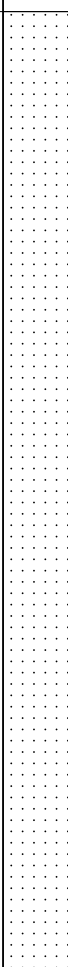
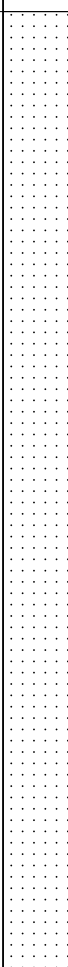
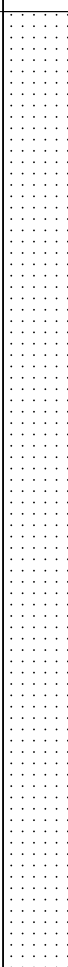
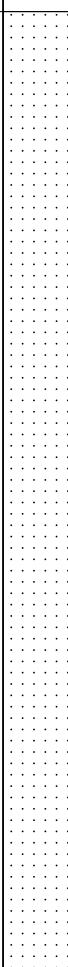
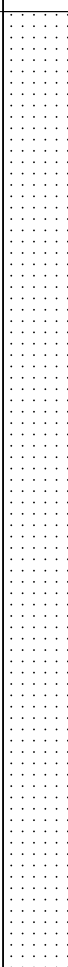
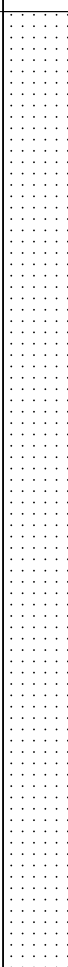
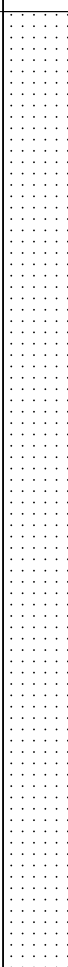
# BOREHOLE LOG

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|---------------------------------------|------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                        |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH324</b> |
| Contract Ref: <b>315531</b>           | Start: <b>12.06.24</b> | Ground Level: <b>5.36</b> | National Grid Co-ordinate: <b>E:277655.7 N:186412.5</b> |  | Sheet: <b>3 of 9</b>   |

| Depth (m)   | Samples & Testing |        |                      | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                | Fracture Log | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|--------|----------------------|----------------|---------|---------|---------|----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|-------------------------|
|             | No                | Type   | Results              | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                                                                                                      |              |                   |                         |
| 18.00-18.45 | 16                | SPT    | N=28                 |                |         |         |         |                            |       | Firm to stiff brown very gravelly CLAY. High subrounded cobble content of mudstone and sandstone (upto 15cm). Gravel is subrounded to rounded of mudstone and sandstone. (Weathered South Wales Middle Coal Measures Formation).<br>(stratum copied from 14.50m from previous sheet) |              | (7.50)            |                         |
| 19.50-19.95 | 10                | SPT    | N=34                 |                |         |         |         |                            |       | ... Sandy.                                                                                                                                                                                                                                                                           |              |                   |                         |
| 21.00-21.45 | 11                | SPT    | N=17                 |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                      |              |                   |                         |
| 22.50-22.77 | 12                | SPT    | 12,10/15,35 for 40mm |                |         |         |         |                            |       | MUDSTONE/SILTSTONE recovered as grey angular fine to coarse GRAVEL. (SOUTH WALES COAL MEASURES)                                                                                                                                                                                      |              | (1.50)            |                         |
| 23.50-25.00 | 13                | SPT    | NP                   |                |         |         |         |                            |       | Extremely weak to moderately weak destructured to partially unweathered grey brown MUDSTONE. (SOUTH WALES COAL MEASURES)                                                                                                                                                             |              | (3.00)            |                         |
| 25.00-26.50 |                   |        |                      |                |         |         |         |                            |       |                                                                                                                                                                                                                                                                                      |              |                   |                         |
| 26.50-26.95 | 17                | SPT(c) | N=28                 |                |         |         |         |                            |       | Weak to moderately weak unweathered to partially unweathered black COAL. (SOUTH WALES COAL MEASURES)                                                                                                                                                                                 |              | (0.75)            |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH324</b>  |
| Contract Ref:               | Start: <b>12.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>04.07.24</b>   | <b>5.36</b>       | <b>E:277655.7 N:186412.5</b> | <b>4 of 9</b> |

| Depth<br>(m) | Samples & Testing |        |                            | Mechanical Log |            |                      |                           | Backfill & Instru-<br>mentation                                                      | Water                                                                                                                                                                     | Description of Strata | Fracture<br>Log                                                                                                                                                     | Depth<br>(Thick-<br>ness)                                                            | Material<br>Graphic<br>Legend                                                      |      |       |  |  |  |
|--------------|-------------------|--------|----------------------------|----------------|------------|----------------------|---------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------|-------|--|--|--|
|              | No                | Type   | Results                    | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%)           | If<br>(mm)                |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
| 28.00-29.50  | 18                | SPT(c) | 10,11/11,22,17<br>for 50mm | 76             | 32         | 32                   | 480<br>FI=2               |    | Moderately weak to medium strong distinctly weathered dark brownish grey MUDSTONE. (SOUTH WALES COAL MEASURES)<br><i>(stratum copied from 26.65m from previous sheet)</i> | 1                     | 27.40                                                                                                                                                               |   |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▼              | ▼          | ▼                    | ▼                         |                                                                                      |                                                                                                                                                                           |                       | (0.60)                                                                                                                                                              |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▲              | ▲          | ▲                    |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | 0              | 0          | 0                    |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      | 28.00                                                                              |      |       |  |  |  |
| 29.50-31.00  |                   |        |                            | ▲              | ▲          | ▲                    | ▲                         |                                                                                      |                                                                                                                                                                           |                       | Weak to moderately weak unweathered to partially unweathered black COAL. (SOUTH WALES COAL MEASURES)<br>No recovery.<br>. . . No recovery between 28.0m and 29.50m. |                                                                                      | (1.50)                                                                             | ZCL  |       |  |  |  |
|              |                   |        |                            |                |            |                      |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
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| 29.50-31.00  |                   |        |                            | 19             | SPT(c)     | 14,11/50<br>for 30mm | 21                        |                                                                                      | 21                                                                                                                                                                        | 14                    | 80<br>80<br>80<br>FI=2                                                                                                                                              |  | Strong unweathered dark grey fine SANDSTONE/SILTSTONE. (SOUTH WALES COAL MEASURES) | 2[i] | 29.50 |  |  |  |
|              |                   |        |                            |                |            |                      | ▼                         |                                                                                      | ▼                                                                                                                                                                         | ▼                     | ▲                                                                                                                                                                   |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            |                |            |                      | ▲                         |                                                                                      | ▲                                                                                                                                                                         | ▲                     |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            |                |            |                      | 93                        |                                                                                      | 47                                                                                                                                                                        | 30                    | 60<br>60<br>380<br>FI=8                                                                                                                                             |                                                                                      |                                                                                    |      |       |  |  |  |
| 31.00-32.50  | 20                | SPT(c) | 25/50<br>for 20mm          | 93             | 47         | 30                   | 60<br>60<br>380<br>FI=8   |  | . . . Becomes unweathered to partially unweathered weak to strong from 31.30m.                                                                                            | 3[i]                  |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▼              | ▼          | ▼                    | ▼                         |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▲              | ▲          | ▲                    |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | 101            | 93         | 73                   | 35<br>130<br>220<br>FI=11 |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
| 32.50-34.00  | 21                | SPT(c) | 25/50<br>for 20mm          | 101            | 93         | 73                   | 35<br>130<br>220<br>FI=11 |  |                                                                                                                                                                           | 4[i]                  |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▼              | ▼          | ▼                    | ▼                         |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▲              | ▲          | ▲                    |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | 78             | 53         | 27                   | 20<br>65<br>107<br>FI=4   |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
| 32.50-32.64  | 22                | SPT(c) | 25/50<br>for 20mm          | 78             | 53         | 27                   | 20<br>65<br>107<br>FI=4   |  |                                                                                                                                                                           | 5[i]                  |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▼              | ▼          | ▼                    | ▼                         |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▲              | ▲          | ▲                    |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | 115            | 32         | 15                   | 20<br>360<br>100<br>FI=9  |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
| 34.00-34.40  | 23                | SPT(c) | 25/50<br>for 20mm          | 115            | 32         | 15                   | 20<br>360<br>100<br>FI=9  |  | . . . Rare bands of medium grained sandstone from 35 - 35.5m                                                                                                              | 6[i]                  |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▼              | ▼          | ▼                    | ▼                         |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▲              | ▲          | ▲                    |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | 98             | 39         | 39                   | 110<br>160<br>260         |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
| 34.40-35.50  | 24                | SPT(c) | 25/50<br>for 20mm          | 98             | 39         | 39                   | 110<br>160<br>260         |  | . . . Occasional bands of medium grained sandstone from 35.5m                                                                                                             |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▼              | ▼          | ▼                    | ▼                         |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            | ▲              | ▲          | ▲                    |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            |                |            |                      |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
| 35.50-37.00  | 25                | SPT(c) | 25/50<br>for 20mm          |                |            |                      |                           |  |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            |                |            |                      |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            |                |            |                      |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            |                |            |                      |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
| 35.50-35.55  | 26                | SPT(c) | 25/50<br>for 20mm          |                |            |                      |                           |  |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            |                |            |                      |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            |                |            |                      |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |
|              |                   |        |                            |                |            |                      |                           |                                                                                      |                                                                                                                                                                           |                       |                                                                                                                                                                     |                                                                                      |                                                                                    |      |       |  |  |  |

| Boring Progress and Water Observations |      |                                     |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |     |            |  |                 |             |  |                                                                                       |                                                                                       |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|-----|------------|--|-----------------|-------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |     |            |  |                 |             |  |                                                                                       |                                                                                       |
|                                        |      |                                     |              |                        |             |                            |    |                  |                 |     |            |  |                 |             |  |                                                                                       |                                                                                       |
|                                        |      |                                     |              |                        |             |                            |    |                  |                 |     |            |  |                 |             |  |                                                                                       |                                                                                       |
| Method Used:                           |      | Inspection pit + Cable Percussion + |              | Plant Used:            |             | Dando 3000 + Beretta T41   |    | Drilled By:      |                 | CJA | Logged By: |  | Rachael Lockyer | Checked By: |  |  |  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH324</b>  |
| Contract Ref:               | Start: <b>12.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>04.07.24</b>   | <b>5.36</b>       | <b>E:277655.7 N:186412.5</b> | <b>5 of 9</b> |

| Depth<br>(m)               | Samples & Testing |        |                    | Mechanical Log |            |            |                                   | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                  | Fracture<br>Log | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|----------------------------|-------------------|--------|--------------------|----------------|------------|------------|-----------------------------------|---------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------|-------------------------------|
|                            | No                | Type   | Results            | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm)                        |                                 |       |                                                                                                                                        |                 |                           |                               |
| 37.00-38.50                | 21                | SPT(c) | 25/50<br>for 20mm  | 98             | 39         | 39         | FI=7<br>110<br>160<br>260<br>FI=7 |                                 |       | Strong unweathered dark grey fine SANDSTONE/SILTSTONE. (SOUTH WALES COAL MEASURES)<br>(stratum copied from 29.50m from previous sheet) | 7[i]            |                           |                               |
| 38.50-40.00<br>38.50-38.54 |                   |        |                    | 93             | 81         | 73         | 70<br>100<br>420<br>FI=8          |                                 |       | 8[i]                                                                                                                                   |                 |                           |                               |
| 40.00-41.50                |                   |        |                    | 100            | 73         | 65         | 100<br>330<br>FI=9                |                                 |       | 9[i]                                                                                                                                   |                 |                           |                               |
| 41.50-43.00<br>41.50-41.62 | 22                | SPT(c) | 25/42,8<br>for 5mm | 87             | 51         | 37         | 80<br>100<br>180<br>FI=10         |                                 |       | 10[i]                                                                                                                                  | (1.50)          |                           |                               |
| 43.00-44.50                |                   |        |                    | 100            | 40         | 13         | 15<br>100<br>140<br>FI=14         |                                 |       | 11                                                                                                                                     | (1.10)          |                           |                               |
| 44.50-46.00<br>44.50-44.95 |                   |        |                    | 0              | 0          | 0          | 80<br>300<br>690                  |                                 |       | 44.10<br>44.50                                                                                                                         |                 |                           |                               |

| Boring Progress and Water Observations |                                            |                |              |                                 |             | Chiselling / Slow Progress |             |                  | General Remarks          |                                                                                                                                                                             |
|----------------------------------------|--------------------------------------------|----------------|--------------|---------------------------------|-------------|----------------------------|-------------|------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time                                       | Borehole Depth | Casing Depth | Borehole Diameter (mm)          | Water Depth | From                       | To          | Duration (hh:mm) |                          |                                                                                                                                                                             |
|                                        |                                            |                |              |                                 |             |                            |             |                  |                          |                                                                                                                                                                             |
|                                        |                                            |                |              |                                 |             |                            |             |                  | All dimensions in metres | Scale: <b>1:50</b>                                                                                                                                                          |
| Method Used:                           | <b>Inspection pit + Cable Percussion +</b> |                | Plant Used:  | <b>Dando 3000 + Beretta T41</b> |             |                            | Drilled By: | <b>CJA</b>       | Logged By:               | <b>Rachael Lockyer</b>                                                                                                                                                      |
|                                        |                                            |                |              |                                 |             |                            |             |                  | Checked By:              |   |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH324</b>  |
| Contract Ref:               | Start: <b>12.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>04.07.24</b>   | <b>5.36</b>       | <b>E:277655.7 N:186412.5</b> | <b>6 of 9</b> |

| Depth<br>(m) | Samples & Testing |      |         | Mechanical Log |            |            |                                  | Backfill & Instrumentation | Water                                                                                    | Description of Strata                                                                                                                                                                                                                                                                               | Fracture Log | Depth<br>(Thickness) | Material<br>Graphic Legend |       |
|--------------|-------------------|------|---------|----------------|------------|------------|----------------------------------|----------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|----------------------------|-------|
|              | No                | Type | Results | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm)                       |                            |                                                                                          |                                                                                                                                                                                                                                                                                                     |              |                      |                            |       |
| 46.00-47.50  |                   |      |         | 0              | 0          | 0          | FI=5<br>80<br>300<br>690<br>FI=5 |                            |                                                                                          | Very weak to moderately weak partially unweathered black COAL. (SOUTH WALES COAL MEASURES)<br><i>(stratum copied from 44.50m from previous sheet)</i>                                                                                                                                               | 12[i]        | (1.50)               |                            |       |
|              |                   |      |         |                |            |            |                                  |                            |                                                                                          |                                                                                                                                                                                                                                                                                                     |              |                      |                            | 46.00 |
| 47.50-49.00  |                   |      |         | 97             | 90         | 85         | 50<br>270<br>400<br>FI=5         |                            |                                                                                          | Very weak to medium strong unweathered to distinctly weathered black COAL. (SOUTH WALES COAL MEASURES)                                                                                                                                                                                              |              |                      | 46.35                      |       |
|              |                   |      |         |                |            |            |                                  |                            |                                                                                          | Medium strong to strong unweathered brownish grey interbedded SILTSTONE and MUDSTONE. Rare subrounded to rounded nodules of fine sandstone. Black mottled organic inclusions at the top. (SOUTH WALES COAL MEASURES)                                                                                |              | (1.15)               |                            |       |
| 49.00-50.50  |                   |      |         | 95             | 85         | 85         | 125<br>250<br>355<br>FI=5        |                            |                                                                                          | Very weak to moderately weak brownish grey, unweathered MUDSTONE. Frequent greyish brown subrounded to rounded nodules of sandstone upto 100m across. (SOUTH WALES COAL MEASURES)                                                                                                                   | 13[i]        |                      |                            |       |
|              |                   |      |         |                |            |            |                                  |                            |                                                                                          | . . . . Becomes moderately weak to medium strong grey with frequent very thin bands of fine grained sandstone/siltstone from 49m.<br>. . . Nodules become rare at 49.30m                                                                                                                            |              | (3.24)               |                            |       |
| 50.50-52.00  |                   |      |         | 98             | 96         | 93         | 30<br>200<br>290<br>FI=4         |                            |                                                                                          |                                                                                                                                                                                                                                                                                                     | 14           |                      |                            |       |
|              |                   |      |         |                |            |            |                                  |                            |                                                                                          | . . . . Becomes distinctly weathered between 50.4-50.43m depth.                                                                                                                                                                                                                                     |              | 50.74                |                            |       |
| 52.00-53.50  |                   |      |         | 102            | 88         | 84         | 50<br>130<br>360<br>FI=10        |                            |                                                                                          | Weak to medium strong dark grey/brownish grey unweathered MUDSTONE. Thin bands of distinctly weathered coal/organic mudstone. (SOUTH WALES COAL MEASURES)                                                                                                                                           | 15[i]        |                      | 51.20                      |       |
|              |                   |      |         |                |            |            |                                  |                            |                                                                                          | Medium strong brownish grey unweathered MUDSTONE. Rare subangular to subrounded nodules of fine sandstone. Frequent very thin bands of fine sandstone/siltstone and organic mudstone/coal. (SOUTH WALES COAL MEASURES)<br>. . . Nodules and coal/organic mudstone no longer present from 52m depth. | 16[i]        |                      | (2.50)                     |       |
| 53.50-55.00  |                   |      |         | 96             | 67         | 63         | 35<br>280<br>340<br>FI=6         |                            |                                                                                          | 17[i]                                                                                                                                                                                                                                                                                               |              |                      |                            |       |
|              |                   |      |         |                |            |            |                                  |                            | . . . . Becoming moderately weak to medium strong dark grey slightly organic from 53.2n. |                                                                                                                                                                                                                                                                                                     | 53.70        |                      |                            |       |
|              |                   |      |         | 100            | 71         | 71         | 3<br>5<br>40                     |                            | <i>Description on next sheet</i>                                                         | 18                                                                                                                                                                                                                                                                                                  |              | 54.00                |                            |       |

| Boring Progress and Water Observations |                                                          |                |              |                        |                                 | Chiselling / Slow Progress |             |                  | General Remarks          |                        |
|----------------------------------------|----------------------------------------------------------|----------------|--------------|------------------------|---------------------------------|----------------------------|-------------|------------------|--------------------------|------------------------|
| Date                                   | Time                                                     | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth                     | From                       | To          | Duration (hh:mm) |                          |                        |
|                                        |                                                          |                |              |                        |                                 |                            |             |                  |                          |                        |
|                                        |                                                          |                |              |                        |                                 |                            |             |                  | All dimensions in metres | Scale: <b>1:50</b>     |
| Method Used:                           | <b>Inspection pit + Cable Percussion + Rotary Casing</b> |                |              | Plant Used:            | <b>Dando 3000 + Beretta T41</b> |                            | Drilled By: | <b>CJA</b>       | Logged By:               | <b>Rachael Lockyer</b> |
|                                        |                                                          |                |              |                        |                                 |                            |             |                  | Checked By:              | <b>ZB AGS</b>          |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH324</b>  |
| Contract Ref:               | Start: <b>12.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>04.07.24</b>   | <b>5.36</b>       | <b>E:277655.7 N:186412.5</b> | <b>7 of 9</b> |

[illegible]

| Boring Progress and Water Observations |                                                 |                |              |                        |                          | Chiselling / Slow Progress |             |                  | General Remarks            |                    |
|----------------------------------------|-------------------------------------------------|----------------|--------------|------------------------|--------------------------|----------------------------|-------------|------------------|----------------------------|--------------------|
| Date                                   | Time                                            | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth              | From                       | To          | Duration (hh:mm) |                            |                    |
|                                        |                                                 |                |              |                        |                          |                            |             |                  |                            |                    |
|                                        |                                                 |                |              |                        |                          |                            |             |                  | All dimensions in metres   | Scale: 1:50        |
| Method Used:                           | Inspection pit + Cable Percussion + Data Logger |                |              | Plant Used:            | Dando 3000 + Beretta T41 |                            | Drilled By: | CJA              | Logged By: Rachael Lockyer | Checked By: ZB AGS |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH324</b>  |
| Contract Ref:               | Start: <b>12.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>04.07.24</b>   | <b>5.36</b>       | <b>E:277655.7 N:186412.5</b> | <b>8 of 9</b> |

| Depth<br>(m)               | Samples & Testing |        |                   | Mechanical Log |            |            |                           | Backfill & Instrumentation                                                          | Water | Description of Strata                                                                                                                                                                       | Fracture Log | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|----------------------------|-------------------|--------|-------------------|----------------|------------|------------|---------------------------|-------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|-------------------------------|
|                            | No                | Type   | Results           | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm)                |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
| 63.00-64.50<br>63.00-63.05 | 26                | SPT(c) | 25/50<br>for 30mm | ↑              | ↑          | ↑          | ↑                         |    |       | Medium strong to strong unweathered brownish grey interbedded MUDSTONE and SILTSTONE/FINE SANDSTONE. (SOUTH WALES COAL MEASURES)<br><i>(stratum copied from 58.50m from previous sheet)</i> | 25[i]        |                      |                               |
|                            |                   |        |                   | 94             | 80         | 80         | 330<br>330<br>330<br>FI=2 |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
| 64.50-66.00                |                   |        |                   | ↓              | ↓          | ↓          | ↓                         |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
|                            | 27                | SPT(c) | 25/50<br>for 15mm | ↑              | ↑          | ↑          | ↑                         |    |       |                                                                                                                                                                                             | 26[i]        |                      |                               |
|                            |                   |        |                   | 103            | 103        | 103        | 116<br>410<br>660<br>FI=3 |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
| 66.00-67.50<br>66.00-66.04 |                   |        |                   | ↓              | ↓          | ↓          | ↓                         |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
|                            | 28                | SPT(c) | 21/50<br>for 40mm | ↑              | ↑          | ↑          | ↑                         |   |       | No recovery.                                                                                                                                                                                | 67.50        | (1.50)               | ZCL                           |
|                            |                   |        |                   | 96             | 96         | 78         | 90<br>250<br>720<br>FI=5  |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
| 67.50-69.00<br>67.50-67.62 |                   |        |                   | ↓              | ↓          | ↓          | ↓                         |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
|                            |                   |        |                   | ↑              | ↑          | ↑          | ↑                         |  |       | Open holed between 68.50-69.0mbgl.                                                                                                                                                          | 69.00        | (1.50)               |                               |
|                            |                   |        |                   | 0              | 0          | 0          |                           |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
| 69.00-70.50                |                   |        |                   | ↓              | ↓          | ↓          | ↓                         |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
|                            |                   |        |                   | ↑              | ↑          | ↑          | ↑                         |  |       | Medium strong to strong unweathered brownish grey interbedded MUDSTONE and SILTSTONE/FINE SANDSTONE. (SOUTH WALES COAL MEASURES)                                                            | 28[i]        | (1.50)               |                               |
|                            |                   |        |                   | 98             | 84         | 81         | 40<br>200<br>400<br>FI=7  |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
| 70.50-72.00                |                   |        |                   | ↓              | ↓          | ↓          | ↓                         |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
|                            |                   |        |                   | ↑              | ↑          | ↑          | ↑                         |  |       | Strong to extremely strong unweathered pale grey fine SANDSTONE. (SOUTH WALES COAL MEASURES)<br>Occasional thin bands of organic mudstone between 70.5 - 70.70m.                            | 29[i]        | (0.90)               |                               |
|                            |                   |        |                   | 90             | 90         | 78         | 130<br>200<br>170<br>FI=5 |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
|                            |                   |        |                   | ↓              | ↓          | ↓          | ↓                         |                                                                                     |       |                                                                                                                                                                                             |              |                      |                               |
|                            |                   |        |                   |                |            |            |                           |                                                                                     |       | Description on next sheet                                                                                                                                                                   |              |                      |                               |

| Boring Progress and Water Observations |                                            |                |              |                                 |             | Chiselling / Slow Progress |             |                  | General Remarks          |                                                                                                  |
|----------------------------------------|--------------------------------------------|----------------|--------------|---------------------------------|-------------|----------------------------|-------------|------------------|--------------------------|--------------------------------------------------------------------------------------------------|
| Date                                   | Time                                       | Borehole Depth | Casing Depth | Borehole Diameter (mm)          | Water Depth | From                       | To          | Duration (hh:mm) |                          |                                                                                                  |
|                                        |                                            |                |              |                                 |             |                            |             |                  |                          |                                                                                                  |
|                                        |                                            |                |              |                                 |             |                            |             |                  | All dimensions in metres | Scale: <b>1:50</b>                                                                               |
| Method Used:                           | <b>Inspection pit + Cable Percussion +</b> |                | Plant Used:  | <b>Dando 3000 + Beretta T41</b> |             |                            | Drilled By: | <b>CJA</b>       | Logged By:               | <b>Rachael Lockyer</b>                                                                           |
|                                        |                                            |                |              |                                 |             |                            |             |                  | Checked By:              |  <b>AGS</b> |

# BOREHOLE LOG

|                                       |  |                                                |                           |                           |  |                                                         |  |                      |
|---------------------------------------|--|------------------------------------------------|---------------------------|---------------------------|--|---------------------------------------------------------|--|----------------------|
| Contract: <b>EAF Meltshop Project</b> |  |                                                | Client: <b>TATA Steel</b> |                           |  | Borehole: <b>BH324</b>                                  |  |                      |
| Contract Ref: <b>315531</b>           |  | Start: <b>12.06.24</b><br>End: <b>04.07.24</b> |                           | Ground Level: <b>5.36</b> |  | National Grid Co-ordinate: <b>E:277655.7 N:186412.5</b> |  | Sheet: <b>9 of 9</b> |

| Depth (m)   | Samples & Testing |        |                  | Mechanical Log |         |         |                  | Backfill & Instrumentation | Water | Description of Strata                                                                                                                    | Fracture Log | Depth (Thickness)        | Material Graphic Legend |
|-------------|-------------------|--------|------------------|----------------|---------|---------|------------------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|-------------------------|
|             | No                | Type   | Results          | TCR (%)        | SCR (%) | RQD (%) | If (mm)          |                            |       |                                                                                                                                          |              |                          |                         |
| 72.00-73.50 |                   |        |                  | 40             | 15      | 0       |                  |                            |       | Strong unweathered dark grey MUDSTONE. (SOUTH WALES COAL MEASURES)<br>(stratum copied from 71.40m from previous sheet)                   |              | (2.30)                   |                         |
| 73.50-75.00 |                   |        |                  | 100            | 84      | 84      | 15<br>55<br>FI=7 |                            |       | Extremely weak to weak partially weathered to distinctly weathered black to brown COAL. (SOUTH WALES COAL MEASURES)                      | 30           | 73.70<br>(0.80)<br>74.50 |                         |
| 75.00-75.10 | 29                | SPT(c) | 8/39,11 for 10mm |                |         |         |                  |                            |       | Moderately weak to medium strong partially unweathered dark grey organic MUDSTONE. (SOUTH WALES COAL MEASURES)<br>Terminated at 75.0mbgl |              | (0.60)<br>75.10          |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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# BOREHOLE LOG

|                                       |                                                |                          |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH325</b> |
| Contract Ref: <b>315531</b>           | Start: <b>31.07.24</b><br>End: <b>05.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277344.0 N:186510.0</b> |  | Sheet: <b>1 of 4</b>   |

| Depth (m) | Samples & Testing |      |          | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                     | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|----------|----------------|---------|---------|---------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type | Results  | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                           |                   |                         |
| 5.00-6.00 | 1                 | B    |          |                |         |         |         |                            |       | (Lagoon water)                                                                                                                            | 5.00              |                         |
| 6.20-6.65 | 2                 | D    |          |                |         |         |         |                            |       | Black slightly silty SAND. Sand is fine. Strong musty sulfurous odour. (Tidal Flat Deposits)                                              | (1.30)            |                         |
| 6.20-6.65 | 6                 | SPT  | N=13     |                |         |         |         |                            |       | Medium dense greenish brown fine silty SAND. (Tidal Flat Deposits)                                                                        | 6.30              |                         |
| 6.60-7.10 | 3                 | B    |          |                |         |         |         |                            |       | Firm becoming soft blackish dark grey slightly sandy clayey SILT with rare organic content. Sand is fine to medium. (Tidal Flat Deposits) | (0.70)            |                         |
| 7.10-7.55 | 4                 | D    |          |                |         |         |         |                            |       |                                                                                                                                           | 7.00              |                         |
| 7.10-7.55 | 7                 | SPT  | N=8      |                |         |         |         |                            |       |                                                                                                                                           |                   |                         |
| 7.60-8.00 | 5                 | B    |          |                |         |         |         |                            |       |                                                                                                                                           |                   |                         |
| 8.00-8.45 | 6                 | U    | 20 blows |                |         |         |         |                            |       |                                                                                                                                           |                   |                         |
| 8.45-8.60 | 7                 | D    |          |                |         |         |         |                            |       |                                                                                                                                           |                   |                         |
| 8.60-9.00 | 8                 | B    |          |                |         |         |         |                            |       |                                                                                                                                           | (3.10)            |                         |

| Boring Progress and Water Observations |      |                                     |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks                                                                                                                                                                                             |                                                                                                                                                                             |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|-------------|----------------------------|----|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                                                                                                                                                                                                             |                                                                                                                                                                             |
|                                        |      |                                     |              |                        |             |                            |    |                  |                                                                                                                                                                                                             |                                                                                                                                                                             |
|                                        |      |                                     |              |                        |             |                            |    |                  | 1. Borehole drilled over water utilising a floating pontoon. All depths are measure from the surface of the water.<br>2. Water depth was 5.0m at location. This depth is affected by changing water levels. |                                                                                                                                                                             |
|                                        |      |                                     |              |                        |             |                            |    |                  | All dimensions in metres                                                                                                                                                                                    |                                                                                                                                                                             |
| Method Used:                           |      | Cable Percussion + Rotary open hole |              | Plant Used:            |             | Dando 2500 + Beretta T41   |    | Drilled By:      |                                                                                                                                                                                                             | CJA                                                                                                                                                                         |
|                                        |      |                                     |              |                        |             |                            |    | Logged By:       |                                                                                                                                                                                                             | Adam Livesey                                                                                                                                                                |
|                                        |      |                                     |              |                        |             |                            |    | Checked By:      |                                                                                                                                                                                                             |   |

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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH325</b>  |
| Contract Ref:               | Start: <b>31.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>05.08.24</b>   | <b>---</b>        | <b>E:277344.0 N:186510.0</b> | <b>2 of 4</b> |

| Depth<br>(m)               | Samples & Testing |          |          | Mechanical Log |            |            |            | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                     | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|----------------------------|-------------------|----------|----------|----------------|------------|------------|------------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|
|                            | No                | Type     | Results  | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 9.00-9.45<br>9.00-9.45     | 8<br>9            | SPT<br>D | N=0      |                |            |            |            |                            |       | Firm becoming soft blackish dark grey slightly sandy clayey SILT with rare organic content. Sand is fine to medium. (Tidal Flat Deposits)<br><i>(stratum copied from 7.00m from previous sheet)</i><br>... Becomes very soft at 9.0m bgl. | 10.10                |                               |
| 9.50-10.00                 | 10                | B        |          |                |            |            |            |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 10.00-10.45                | 11                | U        | 32 blows |                |            |            |            |                            |       | Loose grey silty fine to medium SAND. (Tidal Flat Deposits)                                                                                                                                                                               | (0.90)               |                               |
| 10.45-10.60                | 12                | D        |          |                |            |            |            |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 11.50-12.00                | 13                | B        | N=10     |                |            |            |            |                            |       | Firm reddish brown fibrous PEAT. Moderate organic odour. (Tidal Flat Deposits)                                                                                                                                                            | (1.70)               |                               |
| 12.00-12.45<br>12.00-12.45 | 9<br>14           | SPT<br>D |          |                |            |            |            |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 13.00-13.50                | 15                | B        | 15 blows |                |            |            |            |                            |       | Firm grey clayey SILT with rare pockets of fibrous PEAT. (Tidal Flat Deposits)                                                                                                                                                            | (4.40)               |                               |
| 13.50-13.95                | 16                | U        |          |                |            |            |            |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 13.95-14.10                | 17                | D        |          |                |            |            |            |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 14.50-15.00                | 18                | B        |          |                |            |            |            |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 15.00-15.45<br>15.00-15.45 | 10<br>19          | SPT<br>D | N=6      |                |            |            |            |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 16.00-16.50                | 20                | B        |          |                |            |            |            |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 16.50-16.95                | 21                | U        | 28 blows |                |            |            |            |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 16.95-17.10                | 22                | D        |          |                |            |            |            |                            |       |                                                                                                                                                                                                                                           |                      |                               |
| 17.50-18.00                | 23                | B        |          |                |            |            |            |                            |       | Firm greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. (Tidal Flat Deposits)<br><i>Description on next sheet</i>                                   | 17.50                |                               |

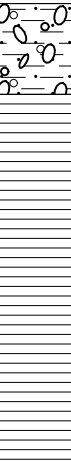
| Boring Progress and Water Observations |                                            |                |              |                        |                                 | Chiselling / Slow Progress |             |                  | General Remarks          |                                                                                                  |
|----------------------------------------|--------------------------------------------|----------------|--------------|------------------------|---------------------------------|----------------------------|-------------|------------------|--------------------------|--------------------------------------------------------------------------------------------------|
| Date                                   | Time                                       | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth                     | From                       | To          | Duration (hh:mm) |                          |                                                                                                  |
|                                        |                                            |                |              |                        |                                 |                            |             |                  |                          |                                                                                                  |
|                                        |                                            |                |              |                        |                                 |                            |             |                  | All dimensions in metres | Scale: <b>1:50</b>                                                                               |
| Method Used:                           | <b>Cable Percussion + Rotary open hole</b> |                |              | Plant Used:            | <b>Dando 2500 + Beretta T41</b> |                            | Drilled By: | <b>CJA</b>       | Logged By:               | <b>Adam Livesey</b>                                                                              |
|                                        |                                            |                |              |                        |                                 |                            |             |                  | Checked By:              |  <b>AGS</b> |

|                             |                        |                   |                              |               |
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| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH325</b>  |
| Contract Ref:               | Start: <b>31.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>05.08.24</b>   | <b>---</b>        | <b>E:277344.0 N:186510.0</b> | <b>3 of 4</b> |

| Depth<br>(m)               | Samples & Testing |          |                         | Mechanical Log |            |            |            | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                                 | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|----------------------------|-------------------|----------|-------------------------|----------------|------------|------------|------------|----------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|
|                            | No                | Type     | Results                 | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 18.00-18.45<br>18.00-18.45 | 1<br>24           | SPT<br>D | N=49                    |                |            |            |            |                            |       | Dense greyish dark brown sandy clayey silty subangular to rounded fine to coarse GRAVEL of mudstone, siltstone and sandstone with moderate cobble content. Cobbles are subangular to rounded of sandstone. (Weathered South Wales Middle Coal Measures Formation)<br><i>(stratum copied from 17.50m from previous sheet)</i><br>... Becomes very dense at 19.50m bgl. | (3.30)               |                               |
| 19.00-19.50                | 25                | B        |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 19.50-19.77                | 2                 | SPT      | 10,15/27,23 for 75mm    |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 19.50-20.00                | 27                | B        |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 20.50-21.00                | 28                | B        |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 21.00-21.45<br>21.00-21.45 | 3<br>29           | SPT<br>D | N=46                    |                |            |            |            |                            |       | Very stiff to hard dark brown brown sandy gravelly CLAY with low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone and siltstone. Cobbles are angular of mudstone/siltstone. (Weathered South Wales Middle Coal Measures Formation)                                                                               | 20.80                |                               |
| 22.00-22.50                | 30                | B        |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 22.50-22.81                | 4                 | SPT      | 8,10/18,21,11 for 10mm  |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 22.50-22.81                | 31                | D        |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 23.50-24.00                | 32                | B        |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 24.00-24.45<br>24.00-24.45 | 5<br>33           | SPT<br>D | N=37                    |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 25.00-25.50                | 34                | B        |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 25.50-25.89                | 12                | SPT      | 5,7/11,16,16,7 for 10mm |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 25.50-25.85                | 35                | D        |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |
| 26.50-27.00                | 36                | B        |                         |                |            |            |            |                            |       |                                                                                                                                                                                                                                                                                                                                                                       |                      |                               |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |  |
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|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH325</b>  |
| Contract Ref:               | Start: <b>31.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>05.08.24</b>   | <b>---</b>        | <b>E:277344.0 N:186510.0</b> | <b>4 of 4</b> |

| Depth<br>(m) | Samples & Testing |        |                            | Mechanical Log |            |            |            | Backfill & Instru-<br>mentation | Water | Description of Strata             | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                       |
|--------------|-------------------|--------|----------------------------|----------------|------------|------------|------------|---------------------------------|-------|-----------------------------------|---------------------------|-------------------------------------------------------------------------------------|
|              | No                | Type   | Results                    | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                                 |       |                                   |                           |                                                                                     |
| 27.00-27.34  | 13                | SPT    | 14,11/17,20,13<br>for 55mm |                |            |            |            |                                 |       |                                   | 27.60                     |  |
| 27.00-27.30  | 37                | D      |                            |                |            |            |            |                                 |       |                                   |                           |                                                                                     |
| 27.80-28.00  | 38                | B      |                            |                |            |            |            |                                 |       |                                   |                           |                                                                                     |
| 28.00-28.03  | 14                | SPT(c) |                            |                |            |            |            |                                 |       |                                   |                           |                                                                                     |
| 30.00-30.03  | 11                | SPT(c) | 25/50<br>for 24mm          |                |            |            |            |                                 |       | Borehole terminated at 32.0m bgl. | 30.03                     |                                                                                     |
|              |                   |        |                            |                |            |            |            |                                 |       |                                   |                           |                                                                                     |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |  |
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BOREHOLE LOG

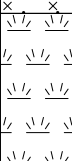
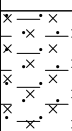
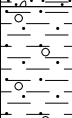
|                                       |                                                |                          |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH326</b> |
| Contract Ref: <b>315531</b>           | Start: <b>06.08.24</b><br>End: <b>08.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277269.0 N:186598.0</b> |  | Sheet: <b>1 of 4</b>   |

| Depth (m) | Samples & Testing |      |          | Backfill & Instrumentation | Water | Description of Strata                                                                                 | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|----------|----------------------------|-------|-------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type | Results  |                            |       |                                                                                                       |                   |                         |
|           |                   |      |          |                            |       | (Lagoon water)                                                                                        |                   |                         |
| 4.50-5.50 | 1                 | B    |          |                            |       |                                                                                                       | 4.50              |                         |
| 4.50-5.50 | 1                 | ES   |          |                            |       | Very soft black slightly sandy SILT. Sand is fine. Strong musty sulfurous odour. (Lagoon bed sludge). | (1.00)            |                         |
| 5.50-5.95 | 1                 | SPT  | N=2      |                            |       |                                                                                                       | 5.50              |                         |
| 5.50-5.95 | 2                 | D    |          |                            |       | Very loose grey clayey silty fine to medium SAND. (BLOWN SAND)                                        | (1.10)            |                         |
| 5.50-6.50 | 3                 | B    |          |                            |       |                                                                                                       | 6.60              |                         |
| 6.50-6.95 | 2                 | SPT  | N=19     |                            |       |                                                                                                       |                   |                         |
| 6.50-6.95 | 4                 | D    |          |                            |       | Soft grey slightly sandy silty CLAY. Sand is fine to coarse. (TIDAL FLAT DEPOSITS)                    | (1.40)            |                         |
| 7.00-7.50 | 5                 | B    |          |                            |       |                                                                                                       | 8.00              |                         |
| 7.50-7.95 | 6                 | U    | 12 blows |                            |       |                                                                                                       |                   |                         |
| 7.95-8.10 | 7                 | D    |          |                            |       |                                                                                                       |                   |                         |
| 8.00-8.50 | 8                 | B    |          |                            |       | Soft grey slightly sandy clayey SILT. Sand is fine to coarse. (TIDAL FLAT DEPOSITS)                   |                   |                         |
| 8.50-8.95 | 3                 | SPT  | N=16     |                            |       |                                                                                                       |                   |                         |
| 8.50-8.95 | 9                 | D    |          |                            |       |                                                                                                       |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
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|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH326</b>  |
| Contract Ref:               | Start: <b>06.08.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>08.08.24</b>   | <b>---</b>        | <b>E:277269.0 N:186598.0</b> | <b>2 of 4</b> |

| Depth<br>(m) | Samples & Testing |      |          | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                                        | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                         |
|--------------|-------------------|------|----------|---------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|
|              | No                | Type | Results  |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 9.00-9.60    | 10                | B    | 27 blows |                                 |       | Soft grey slightly sandy clayey SILT. Sand is fine to coarse.<br>(TIDAL FLAT DEPOSITS)<br><i>(stratum copied from 8.00m from previous sheet)</i>                             | (2.50)                    |    |
| 9.60-10.05   | 11                | U    |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 10.05-10.20  | 12                | D    |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 10.50-11.20  | 13                | B    | N=20     |                                 |       | Firm brown fibrous PEAT. Strong organic odour.<br>(TIDAL FLAT DEPOSITS)                                                                                                      | 10.50                     |    |
| 11.20-11.65  | 4                 | SPT  |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 11.20-11.65  | 14                | D    |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 12.00-12.50  | 15                | B    | 17 blows |                                 |       | Soft to firm grey slightly sandy clayey SILT. Sand is fine.<br>(TIDAL FLAT DEPOSITS)                                                                                         | (1.10)                    |    |
| 12.50-12.95  | 16                | U    |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 12.95-13.10  | 17                | D    |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 13.00-13.60  | 18                | B    | N=4      |                                 |       | Grey slightly gravelly clayey silty fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone.<br>(TIDAL FLAT DEPOSITS)                            | 11.60                     |   |
| 13.60-14.05  | 5                 | SPT  |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 13.60-14.05  | 19                | D    |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 14.50-15.00  | 20                | B    | 17 blows |                                 |       |                                                                                                                                                                              | (4.70)                    |  |
| 15.00-15.45  | 21                | U    |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 15.45-15.60  | 22                | D    |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 16.00-16.50  | 23                | B    | N=4      |                                 |       |                                                                                                                                                                              | 17.20                     |  |
| 16.50-16.95  | 6                 | SPT  |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 16.50-16.95  | 24                | D    |          |                                 |       |                                                                                                                                                                              |                           |                                                                                       |
| 17.50-18.00  | 25                | B    |          |                                 |       | Soft to firm brownish grey slightly gravelly sandy silty CLAY. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse of sandstone.<br>(TIDAL FLAT DEPOSITS) |                           |                                                                                       |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                         |                  | General Remarks                                                                                                                                                                         |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To                      | Duration (hh:mm) |                                                                                                                                                                                         |  |
|                                        |      |                |              |                        |             |                            |                         |                  |                                                                                                                                                                                         |  |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 4000 |             |                            | Drilled By: CJA         |                  | All dimensions in metres                                                                                                                                                                |  |
|                                        |      |                |              |                        |             |                            | Logged By: Adam Livesey |                  | Scale: 1:50                                                                                                                                                                             |  |
|                                        |      |                |              |                        |             |                            |                         |                  | Checked By:   |  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH326</b>  |
| Contract Ref:               | Start: <b>06.08.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>08.08.24</b>   | <b>---</b>        | <b>E:277269.0 N:186598.0</b> | <b>3 of 4</b> |

| Depth<br>(m) | Samples & Testing |      |                            | Backfill &<br>Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                                                                                                       | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|------|----------------------------|------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
|              | No                | Type | Results                    |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 18.00-18.42  | 7                 | SPT  | 2,4/7,10,14,20<br>for 40mm |                                    |       | Soft to firm brownish grey slightly gravelly sandy silty CLAY. Sand is fine to coarse. Gravel is angular to subrounded fine to coarse of sandstone.<br>(TIDAL FLAT DEPOSITS)<br>(stratum copied from 17.20m from previous sheet)<br>. . . Clay becoming firm (Boulder CLAY) | (1.80)                    |                               |
| 18.00-18.45  | 26                | D    |                            |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 19.00-19.60  | 27                | B    |                            |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 19.60-20.05  | 8                 | SPT  | N=40                       |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 20.50-21.00  | 29                | B    |                            |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 21.00-21.45  | 9                 | SPT  | N=30                       |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 22.00-22.50  | 31                | B    |                            |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 22.50-22.95  | 10                | SPT  | N=25                       |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 22.50-23.00  | 33                | B    |                            |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 23.50-24.00  | 34                | B    |                            |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 24.00-24.35  | 11                | SPT  | 5,9/14,16,20<br>for 45mm   |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 25.00-25.50  | 36                | B    |                            |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 25.50-25.95  | 12                | SPT  | N=32                       |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
| 26.50-27.00  | 38                | B    |                            |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |
|              |                   |      |                            |                                    |       |                                                                                                                                                                                                                                                                             |                           |                               |

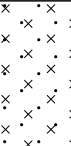
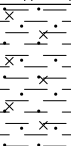
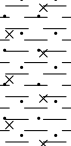
| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                 |                  | General Remarks         |                                                                                                                                                                                         |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-----------------|------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To              | Duration (hh:mm) |                         |                                                                                                                                                                                         |
|                                        |      |                |              |                        |             |                            |                 |                  |                         |                                                                                                                                                                                         |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 4000 |             |                            | Drilled By: CJA |                  | Logged By: Adam Livesey | Checked By:   |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH326</b>  |
| Contract Ref:               | Start: <b>06.08.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>08.08.24</b>   | <b>---</b>        | <b>E:277269.0 N:186598.0</b> | <b>4 of 4</b> |

[illegible]

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                         |                  | General Remarks                                                                                       |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-------------------------|------------------|-------------------------------------------------------------------------------------------------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To                      | Duration (hh:mm) |                                                                                                       |  |
|                                        |      |                |              |                        |             |                            |                         |                  |                                                                                                       |  |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 4000 |             |                            | Drilled By: CJA         |                  | All dimensions in metres                                                                              |  |
|                                        |      |                |              |                        |             |                            | Logged By: Adam Livesey |                  | Scale: 1:50                                                                                           |  |
|                                        |      |                |              |                        |             |                            |                         |                  | Checked By:  AGS |  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH327</b>  |
| Contract Ref:               | Start: <b>12.08.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>14.08.24</b>   | <b>---</b>        | <b>E:277122.0 N:186589.0</b> | <b>1 of 4</b> |

| Depth<br>(m)           | Samples & Testing |          |         | Backfill & Instrumentation | Water | Description of Strata                                                     | Depth<br>(Thickness) | Material Graphic Legend                                                               |
|------------------------|-------------------|----------|---------|----------------------------|-------|---------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------|
|                        | No                | Type     | Results |                            |       |                                                                           |                      |                                                                                       |
|                        |                   |          |         |                            |       | (Lagoon Water)                                                            | (3.50)               |                                                                                       |
| 3.50-4.00<br>3.50-4.00 | 1<br>1            | B<br>ES  |         |                            |       | Black sandy SILT with a strong hydrocarbon odour and sheen. Sand is fine. | 3.50<br>(2.00)       |   |
| 4.50-5.50<br>4.50-5.50 | 2<br>2            | ES<br>B  |         |                            |       |                                                                           | 5.50                 |  |
| 5.50-5.95<br>5.50-5.95 | 1<br>3            | SPT<br>D | N=6     |                            |       | Brownish grey sandy silty CLAY.                                           | (3.00)               |  |
| 6.00-6.50<br>6.00-6.50 | 3<br>4            | ES<br>B  |         |                            |       |                                                                           | 8.50                 |                                                                                       |
| 6.50-6.95              | 6                 | D        |         |                            |       |                                                                           |                      |                                                                                       |
| 7.00-7.50              | 7                 | B        |         |                            |       |                                                                           |                      |                                                                                       |
| 7.50-7.95              | 8                 | D        |         |                            |       |                                                                           |                      |                                                                                       |
| 8.00-8.50              | 9                 | B        |         |                            |       |                                                                           |                      |                                                                                       |
| 8.50-9.00              | 10                | B        |         |                            |       | Greyish brown fine to medium SAND.<br>(BLOWN SAND)                        |                      |                                                                                       |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                          | General Remarks |                                                                                                   |                                                                                       |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|--------------------------|-----------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm)         |                 |                                                                                                   |                                                                                       |
|                                        |      |                |              |                        |             |                            |    |                          |                 |                                                                                                   |                                                                                       |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 4000 |             | Drilled By: CJA            |    | Logged By: Jagan Raj     |                 | Checked By:  |  |
|                                        |      |                |              |                        |             |                            |    | All dimensions in metres |                 | Scale: 1:50                                                                                       |                                                                                       |
|                                        |      |                |              |                        |             |                            |    |                          |                 |                                                                                                   |                                                                                       |



BOREHOLE LOG

|                                       |                                                |                          |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH327</b> |
| Contract Ref: <b>315531</b>           | Start: <b>12.08.24</b><br>End: <b>14.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277122.0 N:186589.0</b> |  | Sheet: <b>2 of 4</b>   |

| Depth (m)   | Samples & Testing |      |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                      | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|---------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type | Results |                            |       |                                                                                                                            |                   |                         |
| 10.00-10.50 | 11                | B    | N=30    |                            |       | Greyish brown fine to medium SAND.<br>(BLOWN SAND)<br><i>(stratum copied from 8.50m from previous sheet)</i>               | (1.50)<br>10.00   |                         |
| 10.50-10.95 | 3                 | SPT  |         |                            |       | Firm dark reddish brown fibrous PEAT.<br>(TIDAL FLAT DEPOSITS)                                                             | (2.00)<br>12.00   |                         |
| 10.95-10.95 | 12                | D    |         |                            |       |                                                                                                                            |                   |                         |
| 11.50-12.00 | 13                | B    | N=13    |                            |       | Dark grey silty CLAY with occasional pockets of pseudo-fibrous peat.<br>(TIDAL FLAT DEPOSITS)                              | (4.50)<br>16.50   |                         |
| 12.45-12.60 | 15                | D    |         |                            |       |                                                                                                                            |                   |                         |
| 13.00-13.50 | 16                | B    |         |                            |       |                                                                                                                            |                   |                         |
| 13.50-13.95 | 4                 | SPT  | N=10    |                            |       | Firm brown fibrous PEAT.<br>(TIDAL FLAT DEPOSITS)<br><br>Brownish grey slightly sandy silty CLAY.<br>(TIDAL FLAT DEPOSITS) | (1.20)<br>18.00   |                         |
| 13.95-13.95 | 17                | D    |         |                            |       |                                                                                                                            |                   |                         |
| 14.50-15.00 | 18                | B    |         |                            |       |                                                                                                                            |                   |                         |
| 15.45-15.60 | 20                | D    |         |                            |       |                                                                                                                            |                   |                         |
| 16.00-16.50 | 21                | B    |         |                            |       |                                                                                                                            |                   |                         |
| 16.50-16.95 | 5                 | SPT  |         |                            |       |                                                                                                                            |                   |                         |
| 16.95-16.95 | 22                | D    |         |                            |       |                                                                                                                            |                   |                         |
| 17.50-18.00 | 23                | B    |         |                            |       |                                                                                                                            |                   |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |                 |                  | General Remarks      |  |                                                                                                   |                                                                                       |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|-----------------|------------------|----------------------|--|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To              | Duration (hh:mm) |                      |  |                                                                                                   |                                                                                       |
|                                        |      |                |              |                        |             |                            |                 |                  |                      |  |                                                                                                   |                                                                                       |
| Method Used: Cable Percussion          |      |                |              | Plant Used: Dando 4000 |             |                            | Drilled By: CJA |                  | Logged By: Jagan Raj |  | Checked By:  |  |

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RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 30/01/25 - 14:53 | JB17 |



BOREHOLE LOG

|                                       |                                                |                          |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH327</b> |
| Contract Ref: <b>315531</b>           | Start: <b>12.08.24</b><br>End: <b>14.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277122.0 N:186589.0</b> |  | Sheet: <b>3 of 4</b>   |

| Depth (m)   | Samples & Testing |      |                           | Backfill & Instrumentation | Water | Description of Strata                                                                                                                              | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|---------------------------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type | Results                   |                            |       |                                                                                                                                                    |                   |                         |
| 18.00-18.41 | 6                 | SPT  | 6,11/16,10,11,13 for 30mm |                            |       | Greyish brown angular fine to coarse GRAVEL and angular COBBLES of mudstone and siltstone. (Weathered South Wales Middle Coal Measures Formation). |                   |                         |
| 18.00-18.40 | 24                | D    |                           |                            |       |                                                                                                                                                    |                   |                         |
| 18.50-19.00 | 25                | B    |                           |                            |       |                                                                                                                                                    | (1.50)            |                         |
| 19.00-19.50 | 26                | B    |                           |                            |       |                                                                                                                                                    |                   |                         |
| 19.50-19.95 | 27                | D    |                           |                            |       | Greyish brown clayey subrounded to rounded fine to coarse GRAVEL of mudstone and siltstone. (Weathered South Wales Middle Coal Measures Formation) | 19.50             |                         |
| 20.50-21.00 | 28                | B    |                           |                            |       |                                                                                                                                                    |                   |                         |
| 21.00-21.45 | 29                | D    |                           |                            |       |                                                                                                                                                    |                   |                         |
| 22.00-22.50 | 30                | B    |                           |                            |       |                                                                                                                                                    |                   |                         |
| 22.50-22.90 | 31                | D    |                           |                            |       | ... Obstruction at 21.5m bgl. Recovered as greyish brown rounded boulder of mudstone (20cm).                                                       |                   |                         |
|             |                   |      |                           |                            |       |                                                                                                                                                    |                   |                         |
|             |                   |      |                           |                            |       |                                                                                                                                                    |                   |                         |
|             |                   |      |                           |                            |       |                                                                                                                                                    |                   |                         |
|             |                   |      |                           |                            |       |                                                                                                                                                    | (13.50)           |                         |

| Boring Progress and Water Observations |      |                |              |                        |             | Chiselling / Slow Progress |    |                  | General Remarks |  |
|----------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------|----|------------------|-----------------|--|
| Date                                   | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm) |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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|                                        |      |                |              |                        |             |                            |    |                  |                 |  |
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|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH327</b>  |
| Contract Ref:               | Start: <b>12.08.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>14.08.24</b>   | <b>---</b>        | <b>E:277122.0 N:186589.0</b> | <b>4 of 4</b> |

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| Boring Progress and Water Observations |      |                |                        |                        |             | Chiselling / Slow Progress |    |                      | General Remarks |                                                                                                   |                                                                                       |
|----------------------------------------|------|----------------|------------------------|------------------------|-------------|----------------------------|----|----------------------|-----------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth | Casing Depth           | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm)     |                 |                                                                                                   |                                                                                       |
|                                        |      |                |                        |                        |             |                            |    |                      |                 |                                                                                                   |                                                                                       |
| Method Used: Cable Percussion          |      |                | Plant Used: Dando 4000 |                        |             | Drilled By: CJA            |    | Logged By: Jagan Raj |                 | Checked By:  |  |

# BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH328</b> |
| Contract Ref: <b>315531</b>           | Start: <b>27.06.24</b><br>End: <b>10.07.24</b> | Ground Level: <b>17.31</b> | National Grid Co-ordinate: <b>E:276936.9 N:186648.4</b> |  | Sheet: <b>1 of 5</b>   |

| Depth (m) | Samples & Testing |        |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                     | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|--------|---------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type   | Results |                            |       |                                                                                                                                                                                                                                           |                   |                         |
| 0.50      | 1                 | ES     |         |                            |       | MADE GROUND: grey and brown dry sandy silty GRAVEL of subangular to subrounded fine to coarse slag and occasional metal.                                                                                                                  | (1.20)            |                         |
| 1.50      | 2                 | ES     |         |                            |       | MADE GROUND: dark grey mottled black slightly sandy gravelly silty CLAY with moderate ash content. Gravel is subangular to subrounded fine to coarse shell fragments, calcareous material, slag and sandstone. Sand is fine and metallic. | (1.80)            |                         |
| 2.50-2.95 | 1                 | SPT(c) | N=8     |                            |       |                                                                                                                                                                                                                                           |                   |                         |
| 2.50      | 3                 | B      |         |                            |       |                                                                                                                                                                                                                                           | 3.00              |                         |
| 3.50      | 4                 | B      |         |                            |       | MADE GROUND: subrounded fine to coarse GRAVEL and subrounded COBBLES of slag.                                                                                                                                                             | 3.40              |                         |
| 4.00-4.45 | 2                 | SPT(c) | N=24    |                            |       | MADE GROUND: dark grey slightly gravelly slightly sandy silty CLAY with moderate ash content. Gravel is subangular to subrounded fine to coarse slag. Sand is fine.                                                                       |                   |                         |
| 4.50      | 5                 | B      |         |                            |       |                                                                                                                                                                                                                                           |                   |                         |
| 5.00-5.45 | 3                 | SPT(c) | N=15    |                            |       |                                                                                                                                                                                                                                           |                   |                         |
| 5.00      | 6                 | B      |         |                            |       |                                                                                                                                                                                                                                           | (4.40)            |                         |
| 7.50-7.95 | 4                 | SPT(c) | N=12    |                            |       |                                                                                                                                                                                                                                           | 7.80              |                         |
| 8.00      | 7                 | B      |         |                            |       | Firm dark grey slightly gravelly silty CLAY. Gravel is subangular to subrounded fine to coarse petrified wood. (TIDAL FLAT DEPOSITS)                                                                                                      | (1.70)            |                         |

| Boring Progress and Water Observations         |       |                |                        |                        |             | Chiselling / Slow Progress |       |                      | General Remarks |                                                                                                   |                                                                                       |
|------------------------------------------------|-------|----------------|------------------------|------------------------|-------------|----------------------------|-------|----------------------|-----------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                           | Time  | Borehole Depth | Casing Depth           | Borehole Diameter (mm) | Water Depth | From                       | To    | Duration (hh:mm)     |                 |                                                                                                   |                                                                                       |
| 27/06/24                                       | 09:00 | 3.00           | 3.00                   | N/R                    | Dry         | 0.30                       | 1.60  | 02:50                |                 |                                                                                                   |                                                                                       |
| 02/07/24                                       |       |                | None                   | N/R                    | Dry         | 4.40                       | 4.80  | 00:45                |                 |                                                                                                   |                                                                                       |
| 03/07/24                                       |       |                | None                   | N/R                    | Dry         | 14.40                      | 15.50 | 02:00                |                 |                                                                                                   |                                                                                       |
| 04/07/24                                       |       | 14.50          | 15.50                  | N/R                    | 12.20       | 15.50                      | 16.90 | 02:50                |                 |                                                                                                   |                                                                                       |
| 05/07/24                                       |       | 21.20          | 19.50                  | N/R                    | 12.00       | 28.70                      | 29.20 | 00:40                |                 |                                                                                                   |                                                                                       |
| 08/07/24                                       |       | 26.00          | 28.50                  | N/R                    | 14.20       | 31.10                      | 31.70 | 01:02                |                 |                                                                                                   |                                                                                       |
| 09/07/24                                       |       | 34.50          | 34.50                  | N/R                    | 16.20       | 33.40                      | 34.50 | 01:30                |                 |                                                                                                   |                                                                                       |
|                                                |       |                |                        |                        |             | 35.10                      | 36.90 | 03:30                |                 |                                                                                                   |                                                                                       |
| Method Used: Inspection pit + Cable Percussion |       |                | Plant Used: Dando 3000 |                        |             | Drilled By: CJA            |       | Logged By: Jagan Raj |                 | Checked By:  |  |



BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH328</b> |
| Contract Ref: <b>315531</b>           | Start: <b>27.06.24</b><br>End: <b>10.07.24</b> | Ground Level: <b>17.31</b> | National Grid Co-ordinate: <b>E:276936.9 N:186648.4</b> |  | Sheet: <b>2 of 5</b>   |

| Depth<br>(m) | Samples & Testing |        |         | Backfill & Instru-<br>mentation | Water | Description of Strata                                             | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|--------|---------|---------------------------------|-------|-------------------------------------------------------------------|---------------------------|-------------------------------|
|              | No                | Type   | Results |                                 |       |                                                                   |                           |                               |
| 9.00-9.45    | 5                 | SPT(c) | N=29    |                                 |       | . . . Becoming stiff at 9.00mbgl.                                 | 9.50                      |                               |
| 9.50         | 8                 | B      |         |                                 |       | Medium dense grey brown silty fine SAND.<br>(TIDAL FLAT DEPOSITS) |                           |                               |
| 10.50-10.95  | 6                 | SPT(c) | N=25    |                                 |       |                                                                   |                           |                               |
| 11.00        | 9                 | B      |         |                                 |       |                                                                   |                           |                               |
| 12.00-12.45  | 7                 | SPT(c) | N=26    |                                 |       |                                                                   |                           |                               |
| 12.50        | 10                | B      |         |                                 |       |                                                                   |                           |                               |
| 13.50-13.95  | 8                 | SPT(c) | N=46    |                                 |       | . . . Becoming dense at 13.5mbgl.                                 | (10.00)                   |                               |
| 14.50        | 11                | B      |         |                                 |       |                                                                   |                           |                               |
| 15.00-15.45  | 9                 | SPT(c) | N=37    |                                 |       |                                                                   |                           |                               |
| 15.50        | 12                | B      |         |                                 |       |                                                                   |                           |                               |
| 16.50-16.95  | 10                | SPT    | N=50    |                                 |       |                                                                   |                           |                               |
| 16.50        | 13                | D      |         |                                 |       |                                                                   |                           |                               |
| 17.50        | 14                | B      |         |                                 |       |                                                                   |                           |                               |

| Boring Progress and Water Observations                |      |                               |              |                        |             | Chiselling / Slow Progress  |       |                  | General Remarks |
|-------------------------------------------------------|------|-------------------------------|--------------|------------------------|-------------|-----------------------------|-------|------------------|-----------------|
| Date                                                  | Time | Borehole Depth                | Casing Depth | Borehole Diameter (mm) | Water Depth | From                        | To    | Duration (hh:mm) |                 |
|                                                       |      |                               |              |                        |             | 38.30                       | 38.60 | 00:30            |                 |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      | Plant Used: <b>Dando 3000</b> |              | Drilled By: <b>CJA</b> |             | Logged By: <b>Jagan Raj</b> |       | Checked By:      |                 |

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|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH328</b>  |
| Contract Ref:               | Start: <b>27.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>10.07.24</b>   | <b>17.31</b>      | <b>E:276936.9 N:186648.4</b> | <b>3 of 5</b> |

| Depth<br>(m)         | Samples & Testing |          |                          | Backfill & Instrumentation | Water | Description of Strata                                                                                                               | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |                                |        |  |
|----------------------|-------------------|----------|--------------------------|----------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|--------------------------------|--------|--|
|                      | No                | Type     | Results                  |                            |       |                                                                                                                                     |                      |                               |                                |        |  |
| 18.00-18.45<br>18.00 | 11<br>15          | SPT<br>D | N=43                     |                            |       | Medium dense grey brown silty fine SAND.<br>(TIDAL FLAT DEPOSITS)<br><i>(stratum copied from 9.50m from previous sheet)</i>         | 19.50                |                               |                                |        |  |
| 18.90-19.35<br>19.00 | 13<br>16          | SPT<br>B | N=5                      |                            |       |                                                                                                                                     |                      |                               |                                |        |  |
| 19.50-19.95<br>19.50 | 12<br>17          | SPT<br>D | N=48                     |                            |       | Very stiff brown fibrous PEAT, with fine to coarse fragments of petrified wood, with strong organic odour.<br>(TIDAL FLAT DEPOSITS) | (2.00)               |                               |                                |        |  |
| 20.00                | 18                | B        |                          |                            |       |                                                                                                                                     |                      |                               |                                |        |  |
| 21.00                | 19                | D        |                          |                            |       |                                                                                                                                     |                      |                               |                                |        |  |
| 21.50                | 20                | B        |                          |                            |       |                                                                                                                                     |                      |                               |                                |        |  |
| 22.50-22.95<br>22.50 | 13<br>21          | SPT<br>D | N=3                      |                            |       | Very soft grey organic silty CLAY with pockets of fine sand.<br>(TIDAL FLAT DEPOSITS)                                               | 21.50                |                               |                                |        |  |
| 23.00                | 22                | B        |                          |                            |       |                                                                                                                                     |                      |                               |                                |        |  |
| 24.00-24.45          | 23                | U        | 24 blows<br>22% recovery |                            |       |                                                                                                                                     |                      |                               |                                |        |  |
| 24.50<br>24.65       | 24<br>25          | D<br>B   |                          |                            |       |                                                                                                                                     |                      |                               |                                |        |  |
| 25.50-25.95<br>25.50 | 14<br>26          | SPT<br>D | N=7                      |                            |       |                                                                                                                                     |                      |                               | ... Becoming soft at 25.5mbgl. | (7.00) |  |
| 26.00                | 27                | B        |                          |                            |       |                                                                                                                                     |                      |                               |                                |        |  |
| 26.75                | 28                | B        |                          |                            |       |                                                                                                                                     |                      |                               |                                |        |  |

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |             |                  | General Remarks          |             |             |                                                                                       |                                                                                       |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|-------------|------------------|--------------------------|-------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To          | Duration (hh:mm) |                          |             |             |                                                                                       |                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  |                          |             |             |                                                                                       |                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  | All dimensions in metres | Scale: 1:50 |             |                                                                                       |                                                                                       |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used:            | Dando 3000  |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj   | Checked By: |  |  |

# BOREHOLE LOG

|                                          |                                                |                               |                                                            |  |                           |
|------------------------------------------|------------------------------------------------|-------------------------------|------------------------------------------------------------|--|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |                                                |                               | Client:<br><b>TATA Steel</b>                               |  | Borehole:<br><b>BH328</b> |
| Contract Ref:<br><b>315531</b>           | Start: <b>27.06.24</b><br>End: <b>10.07.24</b> | Ground Level:<br><b>17.31</b> | National Grid Co-ordinate:<br><b>E:276936.9 N:186648.4</b> |  | Sheet:<br><b>4 of 5</b>   |

| Depth<br>(m)         | Samples & Testing |             |                            | Backfill & Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                                                                                                             | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|----------------------|-------------------|-------------|----------------------------|---------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
|                      | No                | Type        | Results                    |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
| 27.00-27.45<br>27.00 | 15<br>29          | SPT<br>D    | N=17                       |                                 |       | Very soft grey organic silty CLAY with pockets of fine sand.<br>(TIDAL FLAT DEPOSITS)<br><i>(stratum copied from 21.50m from previous sheet)</i><br>. . . Becoming firm at 27.0mbgl.                                                                                              | 28.50                     |                               |
| 27.50                | 30                | B           |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
| 28.00                | 31                | B           |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
| 28.50-28.88<br>28.60 | 16<br>32          | SPT<br>B    | 3,9/16,23,11<br>for 75mm   |                                 |       | Very stiff dark grey gravelly CLAY. Gravel is subangular to subrounded fine to coarse of mudstone and siltstone. (Weathered South Wales Middle Coal Measures Formation).                                                                                                          | (1.50)                    |                               |
|                      |                   |             |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
|                      |                   |             |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
| 30.00-30.45<br>30.50 | 17<br>33          | SPT<br>B    | N=50                       |                                 |       | Very dense grey slightly sandy clayey subangular to subrounded fine to coarse GRAVEL of mudstone siltstone. Sand is fine to coarse. (Weathered South Wales Middle Coal Measures Formation).                                                                                       | (1.00)                    |                               |
|                      |                   |             |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
|                      |                   |             |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
| 31.50-31.88<br>32.00 | 18<br>34          | SPT(c)<br>B | 12,13/70,20,30<br>for 75mm |                                 |       | Very dense dark grey sandy, clayey subangular to subrounded medium to coarse GRAVEL of mudstone and siltstone, with high cobble content. Sand is fine to coarse. Cobbles are subangular to rounded of mudstone siltstone. (Weathered South Wales Middle Coal Measures Formation). | (1.50)                    |                               |
|                      |                   |             |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
|                      |                   |             |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
| 33.00-33.38<br>33.50 | 19<br>35          | SPT(c)<br>B | 18,7/25,23,27<br>for 75mm  |                                 |       | Very dense dark grey slightly sandy, clayey subangular to subrounded fine to coarse GRAVEL of mudstone, siltstone. Sand is fine to coarse. (Weathered South Wales Middle Coal Measures Formation)                                                                                 | (1.50)                    |                               |
|                      |                   |             |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
|                      |                   |             |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
| 35.00-35.38<br>35.50 | 20<br>36          | SPT(c)<br>B | 6,8/16,23,11<br>for 75mm   |                                 |       | Very stiff dark grey gravelly CLAY. Gravel is subangular to subrounded fine to coarse of mudstone and siltstone. (Weathered South Wales Middle Coal Measures Formation)                                                                                                           | (3.50)                    |                               |
|                      |                   |             |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |
|                      |                   |             |                            |                                 |       |                                                                                                                                                                                                                                                                                   |                           |                               |

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |    |                      | General Remarks |                          |                                                                                           |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|----|----------------------|-----------------|--------------------------|-------------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To | Duration (hh:mm)     |                 |                          |                                                                                           |
|                                        |                                   |                |              |                        |             |                            |    |                      |                 |                          |                                                                                           |
|                                        |                                   |                |              |                        |             |                            |    |                      |                 | All dimensions in metres | Scale: 1:50                                                                               |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used: Dando 3000 |             | Drilled By: CJA            |    | Logged By: Jagan Raj |                 | Checked By:              |  AGS |

|                                          |  |                                                |                               |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|-------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b>  |                                                            | Borehole:<br><b>BH328</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>27.06.24</b><br>End: <b>10.07.24</b> | Ground Level:<br><b>17.31</b> | National Grid Co-ordinate:<br><b>E:276936.9 N:186648.4</b> | Sheet:<br><b>5 of 5</b>   |

[illegible]

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |             |                  | General Remarks          |             |             |                                                                                           |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|-------------|------------------|--------------------------|-------------|-------------|-------------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To          | Duration (hh:mm) |                          |             |             |                                                                                           |
|                                        |                                   |                |              |                        |             |                            |             |                  |                          |             |             |                                                                                           |
|                                        |                                   |                |              |                        |             |                            |             |                  | All dimensions in metres | Scale: 1:50 |             |                                                                                           |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used:            | Dando 3000  |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj   | Checked By: |  AGS |

# BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH329</b> |
| Contract Ref: <b>315531</b>           | Start: <b>21.06.24</b><br>End: <b>04.07.24</b> | Ground Level: <b>17.37</b> | National Grid Co-ordinate: <b>E:276854.5 N:186589.5</b> |  | Sheet: <b>1 of 5</b>   |

| Depth (m) | Samples & Testing |      |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                    | Depth (Thickness) | Material Graphic Legend |
|-----------|-------------------|------|---------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|           | No                | Type | Results |                            |       |                                                                                                                                                                                                                                          |                   |                         |
|           |                   |      |         |                            |       | MADE GROUND. Grey slightly sandy silty angular fine to coarse GRAVEL of slag. Sand is fine to coarse.                                                                                                                                    | 0.30              |                         |
|           |                   |      |         |                            |       | MADE GROUND. Brown angular COBBLES of red brick, metal and concrete. Medium boulder content of concrete and brick walls. Frequent fragments of disused cables.<br>... Reinforced concrete obstruction in north wall (approx 10cm thick). | (1.40)            |                         |
|           |                   |      |         |                            |       | ... Concrete concrete obstruction in north wall (approx 25cm thick)                                                                                                                                                                      | 1.70              |                         |
|           |                   |      |         |                            |       | MADE GROUND. CONCRETE recovered as cobbles and boulders<br>... Flat concrete slab encountered at 1.7mbgl, at least 7m long.                                                                                                              | 2.10              |                         |
|           |                   |      |         |                            |       | MADE GROUND. Dark brown sandy clayey angular fine to coarse GRAVEL of various lithologies including red brick, concrete and slag. Sand is fine to coarse.                                                                                | (1.90)            |                         |
|           |                   |      |         |                            |       |                                                                                                                                                                                                                                          | 4.00              |                         |
|           |                   |      |         |                            |       | Loose dry yellow brown fine to coarse SAND.<br>(BLOWN SAND)                                                                                                                                                                              |                   |                         |
| 4.50-5.00 | 1                 | B    |         |                            |       |                                                                                                                                                                                                                                          |                   |                         |
| 4.50      | 1                 | ES   |         |                            |       |                                                                                                                                                                                                                                          |                   |                         |
| 5.00-5.45 | 2                 | D    |         |                            |       |                                                                                                                                                                                                                                          |                   |                         |
| 5.50-6.20 | 3                 | B    |         |                            |       |                                                                                                                                                                                                                                          |                   |                         |
| 6.20-6.65 | 4                 | D    |         |                            |       |                                                                                                                                                                                                                                          |                   |                         |
| 7.00-7.60 | 5                 | B    |         |                            |       |                                                                                                                                                                                                                                          |                   |                         |
| 7.60-8.05 | 6                 | D    |         |                            |       |                                                                                                                                                                                                                                          |                   |                         |
| 7.60-8.05 | 12                | SPT  | N=5     |                            |       |                                                                                                                                                                                                                                          |                   |                         |
| 8.50-9.00 | 7                 | B    |         |                            |       |                                                                                                                                                                                                                                          |                   |                         |
|           |                   |      |         |                            |       |                                                                                                                                                                                                                                          | (10.00)           |                         |

| Boring Progress and Water Observations                |       |                |              |                        |             | Chiselling / Slow Progress  |       |                  | General Remarks                                                                                                                                                                                                                       |
|-------------------------------------------------------|-------|----------------|--------------|------------------------|-------------|-----------------------------|-------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                  | Time  | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                        | To    | Duration (hh:mm) |                                                                                                                                                                                                                                       |
| 24/06/24                                              | 08:30 | 20.70          | 21.50        | N/R                    | 2.53        | 21.70                       | 21.90 | 00:30            | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit mechanically excavated to 1.70m bgl. Concrete obstruction encountered. Return to location on 26/06/2024 with breaker to excavate to 4.5m bgl. |
| 24/06/24                                              | 16:00 | 24.70          | 24.00        | N/R                    | 3.00        | 24.30                       | 24.50 | 01:00            |                                                                                                                                                                                                                                       |
| 01/07/24                                              | 08:30 | 12.80          | 14.00        | N/R                    | 10.90       |                             |       |                  |                                                                                                                                                                                                                                       |
| 01/07/24                                              | 16:00 | 22.00          | 22.50        | N/R                    | 18.00       |                             |       |                  |                                                                                                                                                                                                                                       |
| 28/06/24                                              | 15:00 | 14.00          | 14.00        | N/R                    | 12.70       |                             |       |                  |                                                                                                                                                                                                                                       |
| Method Used: <b>Inspection pit + Cable Percussion</b> |       |                |              |                        |             | Drilled By: <b>CJA</b>      |       |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                                                           |
| Plant Used: <b>Dando 2500</b>                         |       |                |              |                        |             | Logged By: <b>Jagan Raj</b> |       |                  | Checked By:  <b>AGS</b>                                                                                                                          |



# BOREHOLE LOG

|                                       |                                                |                            |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH329</b> |
| Contract Ref: <b>315531</b>           | Start: <b>21.06.24</b><br>End: <b>04.07.24</b> | Ground Level: <b>17.37</b> | National Grid Co-ordinate: <b>E:276854.5 N:186589.5</b> |  | Sheet: <b>2 of 5</b>   |

| Depth (m)   | Samples & Testing |      |         | Backfill & Instrumentation | Water | Description of Strata                                                                                          | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|---------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type | Results |                            |       |                                                                                                                |                   |                         |
| 9.00-9.45   | 8                 | D    | N=8     |                            |       | Loose dry yellow brown fine to coarse SAND.<br>(BLOWN SAND)<br>(stratum copied from 4.00m from previous sheet) |                   |                         |
| 9.00-9.45   | 13                | SPT  |         |                            |       |                                                                                                                |                   |                         |
| 10.00-10.50 | 9                 | B    | N=32    |                            |       | ... Becoming dense at 10.5mbgl.                                                                                |                   |                         |
| 10.50-10.95 | 10                | D    |         |                            |       |                                                                                                                |                   |                         |
| 10.50-10.95 | 14                | SPT  |         |                            |       |                                                                                                                |                   |                         |
| 11.50-12.30 | 11                | B    | N=13    |                            |       |                                                                                                                |                   |                         |
| 12.30-12.75 | 12                | D    |         |                            |       |                                                                                                                |                   |                         |
| 13.20-13.70 | 13                | B    |         |                            |       |                                                                                                                |                   |                         |
| 13.70-14.15 | 16                | SPT  |         |                            |       |                                                                                                                | 14.00             |                         |
| 15.00-15.45 | 8                 | SPT  | N=15    |                            |       | Medium dense grey brown fine SAND.<br>(BLOWN SAND)                                                             | (1.45)            |                         |
| 16.50-16.95 | 9                 | SPT  | N=50    |                            |       | Dark grey fine silty SAND.<br>(TIDAL FLAT DEPOSITS)                                                            | (1.55)            |                         |
|             |                   |      |         |                            |       | ... Becoming very dense at 16.50mbgl                                                                           | 17.00             |                         |
|             |                   |      |         |                            |       | Very stiff dark grey silty CLAY.<br>(TIDAL FLAT DEPOSITS)                                                      | (2.00)            |                         |

| Boring Progress and Water Observations                |      |                |              |                        |             | Chiselling / Slow Progress    |    |                  | General Remarks                             |
|-------------------------------------------------------|------|----------------|--------------|------------------------|-------------|-------------------------------|----|------------------|---------------------------------------------|
| Date                                                  | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                          | To | Duration (hh:mm) |                                             |
|                                                       |      |                |              |                        |             |                               |    |                  | 3. Groundwater encountered at 1.7m bgl      |
| Method Used: <b>Inspection pit + Cable Percussion</b> |      |                |              |                        |             | Plant Used: <b>Dando 2500</b> |    |                  | All dimensions in metres Scale: <b>1:50</b> |
| Drilled By: <b>CJA</b>                                |      |                |              |                        |             | Logged By: <b>Jagan Raj</b>   |    |                  | Checked By: <b>AGS</b>                      |

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|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH329</b>  |
| Contract Ref:               | Start: <b>21.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>04.07.24</b>   | <b>17.37</b>      | <b>E:276854.5 N:186589.5</b> | <b>3 of 5</b> |

| Depth<br>(m)               | Samples & Testing |          |                          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                            | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|----------------------------|-------------------|----------|--------------------------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|
|                            | No                | Type     | Results                  |                            |       |                                                                                                                                                                                                                  |                      |                               |
| 18.10-18.48                | 10                | SPT      | 2,5/14,25,11<br>for 75mm |                            |       | Very stiff dark grey silty CLAY.<br>(TIDAL FLAT DEPOSITS)<br><i>(stratum copied from 17.00m from previous sheet)</i>                                                                                             | 19.00                |                               |
| 19.65-20.03                | 11                | SPT      | 5,9/13,17,23<br>for 75mm |                            |       | Very stiff brown fibrous PEAT with a moderate organic odour.<br>(TIDAL FLAT DEPOSITS)                                                                                                                            | (1.00)<br>20.00      |                               |
|                            |                   |          |                          |                            |       | Firm dark grey organic slightly gravelly silty CLAY and locally clayey SILT with a strong organic odour. Gravel is subangular to subrounded fine to coarse fragments of petrified wood.<br>(TIDAL FLAT DEPOSITS) | (5.46)<br>25.46      |                               |
|                            |                   |          |                          |                            |       | . . . cobble of petrified wood recovered at approximately 23m bgl.                                                                                                                                               |                      |                               |
| 23.50-24.00                | 31                | B        | 24 blows<br>22% recovery |                            |       |                                                                                                                                                                                                                  |                      |                               |
| 24.00-24.45                | 32                | U        |                          |                            |       |                                                                                                                                                                                                                  |                      |                               |
| 24.45-24.60                | 33                | D        |                          |                            |       |                                                                                                                                                                                                                  |                      |                               |
| 25.00-25.50                | 34                | B        |                          |                            |       |                                                                                                                                                                                                                  |                      |                               |
| 25.50-25.95<br>25.50-25.95 | 4<br>35           | SPT<br>D | N=4                      |                            |       | Very soft dark grey slightly sandy silty CLAY with a moderate organic odour. Sand is fine.<br>(TIDAL FLAT DEPOSITS)                                                                                              |                      |                               |
| 26.50-27.00                | 36                | B        |                          |                            |       |                                                                                                                                                                                                                  |                      |                               |

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |             |                  | General Remarks          |             |           |             |                                                                                       |                                                                                       |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|-------------|------------------|--------------------------|-------------|-----------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To          | Duration (hh:mm) |                          |             |           |             |                                                                                       |                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  |                          |             |           |             |                                                                                       |                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  | All dimensions in metres | Scale: 1:50 |           |             |                                                                                       |                                                                                       |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used:            | Dando 2500  |                            | Drilled By: | CJA              |                          | Logged By:  | Jagan Raj | Checked By: |  |  |

|                                          |  |                                                |                               |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|-------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b>  |                                                            | Borehole:<br><b>BH329</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>21.06.24</b><br>End: <b>04.07.24</b> | Ground Level:<br><b>17.37</b> | National Grid Co-ordinate:<br><b>E:276854.5 N:186589.5</b> | Sheet:<br><b>4 of 5</b>   |

| Depth<br>(m) | Samples & Testing |      |                          | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                          | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|------|--------------------------|----------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|
|              | No                | Type | Results                  |                            |       |                                                                                                                                                                                |                      |                               |
| 27.00-27.45  | 37                | D    | N=14                     |                            |       | Very soft dark grey slightly sandy silty CLAY with a moderate organic odour. Sand is fine.<br>(TIDAL FLAT DEPOSITS)<br><i>(stratum copied from 25.46m from previous sheet)</i> | (4.54)               |                               |
| 28.00-28.50  | 38                | B    |                          |                            |       |                                                                                                                                                                                |                      |                               |
| 28.50-28.95  | 5                 | SPT  |                          |                            |       |                                                                                                                                                                                |                      |                               |
| 28.50-28.95  | 39                | D    |                          |                            |       |                                                                                                                                                                                |                      |                               |
| 29.50-30.20  | 40                | B    | 30 blows<br>22% recovery |                            |       | Dark grey gravelly CLAY. Gravel is subangular to subrounded fine to coarse mudstone and siltstone. (Weathered South Wales Middle Coal Measures)                                | 30.00                |                               |
| 30.20-30.65  | 41                | U    |                          |                            |       |                                                                                                                                                                                |                      |                               |
| 31.00-31.50  | 42                | B    |                          |                            |       |                                                                                                                                                                                |                      |                               |
| 31.50-31.95  | 43                | D    |                          |                            |       |                                                                                                                                                                                |                      |                               |
| 32.50-33.00  | 44                | B    | N=30                     |                            |       | ... Becoming stiff at 33.0mbgl.                                                                                                                                                | (6.40)               |                               |
| 33.00-33.45  | 7                 | SPT  |                          |                            |       |                                                                                                                                                                                |                      |                               |
| 33.00-33.45  | 45                | D    |                          |                            |       |                                                                                                                                                                                |                      |                               |
| 34.00-34.50  | 46                | B    |                          |                            |       |                                                                                                                                                                                |                      |                               |
| 34.50-34.95  | 1                 | SPT  | N=36                     |                            |       |                                                                                                                                                                                |                      |                               |
| 34.50-34.95  | 47                | D    |                          |                            |       |                                                                                                                                                                                |                      |                               |
| 35.50-36.10  | 48                | B    |                          |                            |       |                                                                                                                                                                                |                      |                               |

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |             |                  | General Remarks          |                      |                                                                                                       |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|-------------|------------------|--------------------------|----------------------|-------------------------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To          | Duration (hh:mm) |                          |                      |                                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  |                          |                      |                                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  | All dimensions in metres | Scale: 1:50          |                                                                                                       |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used:            | Dando 2500  |                            | Drilled By: | CJA              |                          | Logged By: Jagan Raj | Checked By:  AGS |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH329</b>  |
| Contract Ref:               | Start: <b>21.06.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>04.07.24</b>   | <b>17.37</b>      | <b>E:276854.5 N:186589.5</b> | <b>5 of 5</b> |

| Depth<br>(m) | Samples & Testing |        |                         | Backfill &<br>Instru-<br>mentation | Water | Description of Strata                                                                                                    | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|--------|-------------------------|------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
|              | No                | Type   | Results                 |                                    |       |                                                                                                                          |                           |                               |
| 36.10-36.55  | 2                 | SPT    | N=43                    |                                    |       | . . . Becoming very stiff at 36.10mbgl                                                                                   | 36.40                     |                               |
| 36.10-36.55  | 49                | D      |                         |                                    |       | MUDSTONE. Recovered as dark grey subangular to subrounded fine to coarse GRAVEL of mudstone. (SOUTH WALES COAL MEASURES) | (1.37)                    |                               |
| 36.40-36.90  | 50                | B      |                         |                                    |       |                                                                                                                          |                           |                               |
| 37.10-37.50  | 51                | B      |                         |                                    |       |                                                                                                                          |                           |                               |
| 37.50-37.77  | 3                 | SPT(c) | 14,11/26,24<br>for 70mm |                                    |       |                                                                                                                          | 37.77                     |                               |

| Boring Progress and Water Observations |                                   |                |              |                        |             | Chiselling / Slow Progress |             |                  | General Remarks          |             |             |                                                                                       |                                                                                       |
|----------------------------------------|-----------------------------------|----------------|--------------|------------------------|-------------|----------------------------|-------------|------------------|--------------------------|-------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time                              | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To          | Duration (hh:mm) |                          |             |             |                                                                                       |                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  |                          |             |             |                                                                                       |                                                                                       |
|                                        |                                   |                |              |                        |             |                            |             |                  | All dimensions in metres | Scale: 1:50 |             |                                                                                       |                                                                                       |
| Method Used:                           | Inspection pit + Cable Percussion |                |              | Plant Used:            | Dando 2500  |                            | Drilled By: | CJA              | Logged By:               | Jagan Raj   | Checked By: |  |  |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH330</b> |
| Contract Ref: <b>315531</b>           | Start: <b>15.08.24</b><br>End: <b>27.08.24</b> | Ground Level: <b>6.34</b> | National Grid Co-ordinate: <b>E:277475.6 N:186815.7</b> |  | Sheet: <b>1 of 4</b>   |

| Depth (m)                           | Samples & Testing |             |          | Mechanical Log |         |         |         | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                                                                                                                           | Depth (Thickness) | Material Graphic Legend |
|-------------------------------------|-------------------|-------------|----------|----------------|---------|---------|---------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|                                     | No                | Type        | Results  | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                         |
| 0.60-0.80<br>0.60-0.70              | 1<br>1            | B<br>ES     |          |                |         |         |         |                            |       | MADE GROUND: Grey subangular to subrounded GRAVELS onto dark blackish brown slightly sandy clayey GRAVEL. Sand is fine to coarse. Gravel is fine to coarse angular to subangular of mixed lithologies including slag, brick, wood, concrete.<br>... Compact concrete, brick and slag<br>... Medium cobble content. Cobbles are angular to subangular of slag, brick, concrete mudstone sandstone.<br>... Frequent buried timber | (1.70)<br>1.70    |                         |
| 3.00-3.45<br>3.50-4.00              | 7<br>2            | SPT(c)<br>B | N=19     |                |         |         |         |                            |       | MADE GROUND: Medium dense yellowish brown slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded of sandstone.<br>... Compact concrete and slag                                                                                                                                                                                                                                               | (2.80)<br>4.50    |                         |
| 4.50-5.00<br>4.50-4.95              | 4<br>8            | B<br>SPT(c) | N=8      |                |         |         |         |                            |       | MADE GROUND: Soft dark grey gravelly sandy CLAY with rare pockets of peat. Sand is fine to coarse. Gravel is subangular to subrounded of mixed lithologies including mudstone sandstone and occasional slag brick.                                                                                                                                                                                                              | (1.00)<br>5.50    |                         |
| 5.00-5.45<br>5.45-5.95<br>5.50-6.00 | 5<br>6<br>7       | U<br>D<br>B |          |                |         |         |         |                            |       | MADE GROUND: Medium dense grey sandy clayey GRAVELS and COBBLES. Gravel is subangular to subrounded fine to coarse. Cobbles are angular to subangular of mixed lithologies including brick and sandstone.                                                                                                                                                                                                                       | (1.00)<br>6.50    |                         |
| 6.00-6.45<br>6.60-7.00              | 1<br>9            | SPT(c)<br>B | N=24     |                |         |         |         |                            |       | Grey silty fine to coarse SAND. (TIDAL FLAT DEPOSITS)                                                                                                                                                                                                                                                                                                                                                                           | (0.50)<br>7.00    |                         |
| 7.50-7.95<br>7.95-8.00              | 10<br>11          | U<br>D      | 14 blows |                |         |         |         |                            |       | Soft grey slightly sandy silty CLAY. Sand is fine to medium. (TIDAL FLAT DEPOSITS)                                                                                                                                                                                                                                                                                                                                              | (3.80)            |                         |

| Boring Progress and Water Observations                  |      |                |              |                        |             | Chiselling / Slow Progress                        |    |                  | General Remarks                                                                                                                                                                             |
|---------------------------------------------------------|------|----------------|--------------|------------------------|-------------|---------------------------------------------------|----|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                    | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                              | To | Duration (hh:mm) |                                                                                                                                                                                             |
|                                                         |      |                |              |                        |             |                                                   |    |                  | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. DEFAULT BH ONLY - Inspection pit hand dug to X.XXm depth.<br>3. DEFAULT - Groundwater encountered at XX.XXm depth. |
| Method Used: <b>Cable Percussion + Rotary open hole</b> |      |                |              |                        |             | Plant Used: <b>Dando 2000 + Comacchio GEO 205</b> |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                                 |
| Drilled By: <b>CJA</b>                                  |      |                |              |                        |             | Logged By: <b>Adam Livesey</b>                    |    |                  | Checked By:  <b>AGS</b>                                                                                |

|                                          |  |                                                |                              |                                                            |                           |
|------------------------------------------|--|------------------------------------------------|------------------------------|------------------------------------------------------------|---------------------------|
| Contract:<br><b>EAF Meltshop Project</b> |  |                                                | Client:<br><b>TATA Steel</b> |                                                            | Borehole:<br><b>BH330</b> |
| Contract Ref:<br><b>315531</b>           |  | Start: <b>15.08.24</b><br>End: <b>27.08.24</b> | Ground Level:<br><b>6.34</b> | National Grid Co-ordinate:<br><b>E:277475.6 N:186815.7</b> | Sheet:<br><b>2 of 4</b>   |

GINT LIBRARY\_V10\_01.GLB LibVersion: v8.07.001 PrjVersion: v8.07 | Log COMPOSITE LOG - A4P | 315531 PORT TALBOT.GPJ - v10\_01.  
The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 30/01/25 - 14:54 | JB17

| Boring Progress and Water Observations |      |                                     |              |                        |             | Chiselling / Slow Progress                                                            |    |                                                                                       | General Remarks |     |  |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|-------------|---------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|-----------------|-----|--|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                                                                  | To | Duration (hh:mm)                                                                      |                 |     |  |
|                                        |      |                                     |              |                        |             |                                                                                       |    |                                                                                       |                 |     |  |
| Method Used:                           |      | Cable Percussion + Rotary open hole |              | Plant Used:            |             | Dando 2000 + Comacchio GEO 205                                                        |    | Drilled By:                                                                           |                 | CJA |  |
| Logged By:                             |      | Adam Livesey                        |              | Checked By:            |             |  |    |  |                 |     |  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH330</b>  |
| Contract Ref:               | Start: <b>15.08.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>27.08.24</b>   | <b>6.34</b>       | <b>E:277475.6 N:186815.7</b> | <b>3 of 4</b> |

| Depth<br>(m) | Samples & Testing |        |         | Mechanical Log |            |            |            | Backfill & Instrumentation | Water                            | Description of Strata                                                                                                                                                                                                                                                                                                                                                              | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|--------|---------|----------------|------------|------------|------------|----------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------|
|              | No                | Type   | Results | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                            |                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                               |
| 18.00-18.45  | 9                 | SPT(c) | N=9     |                |            |            |            |                            |                                  | Soft to firm greyish brown gravelly silty CLAY with low cobble content. Gravel is subangular to rounded fine to coarse of mixed lithologies including mudstone, siltstone. Cobbles are subangular to subrounded of sandstone. (Boulder clay)<br><i>(stratum copied from 14.00m from previous sheet)</i><br>... Gravels becoming rounded to subrounded<br>... Dense rounded cobbles | (9.50)               |                               |
| 19.00-19.50  | 27                | B      |         |                |            |            |            |                            |                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                               |
| 19.50-19.95  | 10                | SPT(c) | N=50    |                |            |            |            |                            |                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                               |
| 20.50-21.00  | 29                | B      |         |                |            |            |            |                            |                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                               |
| 21.00-21.45  | 11                | SPT(c) | N=56    |                |            |            |            |                            |                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                               |
| 22.00-22.50  | 31                | B      |         |                |            |            |            |                            |                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                               |
| 22.50-22.95  | 12                | SPT(c) | N=54    |                |            |            |            |                            |                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                               |
| 23.50-24.00  | 33                | B      |         |                |            |            |            |                            |                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                               |
| 24.00-24.45  | 13                | SPT(c) | N=38    |                |            |            |            |                            |                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                               |
| 25.20-25.50  | 35                | B      |         |                |            |            |            |                            |                                  |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                               |
| 25.50-25.95  | 14                | SPT(c) | N=190   |                |            |            |            |                            | Coal (rock head)                 | (0.80)                                                                                                                                                                                                                                                                                                                                                                             |                      |                               |
|              |                   |        |         |                |            |            |            |                            | SILTSTONE (Drillers description) | 26.00                                                                                                                                                                                                                                                                                                                                                                              |                      |                               |

| Boring Progress and Water Observations |      |                                     |              |                        |             | Chiselling / Slow Progress                                                            |    |                                                                                       | General Remarks |     |  |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|-------------|---------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|-----------------|-----|--|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                                                                  | To | Duration (hh:mm)                                                                      |                 |     |  |
|                                        |      |                                     |              |                        |             |                                                                                       |    |                                                                                       |                 |     |  |
| Method Used:                           |      | Cable Percussion + Rotary open hole |              | Plant Used:            |             | Dando 2000 + Comacchio GEO 205                                                        |    | Drilled By:                                                                           |                 | CJA |  |
| Logged By:                             |      | Adam Livesey                        |              | Checked By:            |             |  |    |  |                 |     |  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH330</b>  |
| Contract Ref:               | Start: <b>15.08.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>27.08.24</b>   | <b>6.34</b>       | <b>E:277475.6 N:186815.7</b> | <b>4 of 4</b> |

| Depth<br>(m) | Samples & Testing |      |         | Mechanical Log |            |            |            | Backfill & Instrumentation | Water | Description of Strata                                                                       | Depth<br>(Thickness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|------|---------|----------------|------------|------------|------------|----------------------------|-------|---------------------------------------------------------------------------------------------|----------------------|-------------------------------|
|              | No                | Type | Results | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                            |       |                                                                                             |                      |                               |
|              |                   |      |         |                |            |            |            |                            |       | SILTSTONE (Drillers description)<br><i>(stratum copied from 26.00m from previous sheet)</i> | (9.00)               |                               |
|              |                   |      |         |                |            |            |            |                            |       | Borehole terminated at 35.0m bgl.                                                           | 35.00                |                               |

| Boring Progress and Water Observations |      |                                     |              |                        |                                | Chiselling / Slow Progress |             |                  | General Remarks |              |             |                                                                                       |                                                                                       |
|----------------------------------------|------|-------------------------------------|--------------|------------------------|--------------------------------|----------------------------|-------------|------------------|-----------------|--------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth                    | From                       | To          | Duration (hh:mm) |                 |              |             |                                                                                       |                                                                                       |
|                                        |      |                                     |              |                        |                                |                            |             |                  |                 |              |             |                                                                                       |                                                                                       |
| Method Used:                           |      | Cable Percussion + Rotary open hole |              | Plant Used:            | Dando 2000 + Comacchio GEO 205 |                            | Drilled By: | CJA              | Logged By:      | Adam Livesey | Checked By: |  |  |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH331</b> |
| Contract Ref: <b>315531</b>           | Start: <b>04.07.24</b><br>End: <b>12.07.24</b> | Ground Level: <b>7.54</b> | National Grid Co-ordinate: <b>E:277459.3 N:186966.2</b> |  | Sheet: <b>1 of 4</b>   |

| Depth (m)    | Samples & Testing |        |                           | Mechanical Log |         |         |         | Flush Returns & Details | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                                                                                                                     | Depth (Thickness)      | Material Graphic Legend |
|--------------|-------------------|--------|---------------------------|----------------|---------|---------|---------|-------------------------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------|
|              | No                | Type   | Results                   | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                         |                            |       |                                                                                                                                                                                                                                                                                                                           |                        |                         |
| 0.40<br>0.40 | ES1               | ES PID | 0.0ppm                    |                |         |         |         |                         |                            |       | MADE GROUND. Grey sandy angular fine to coarse GRAVEL of various lithologies including slag and metal. Sand is fine to coarse.<br>MADE GROUND. Dark brown sandy angular to subrounded fine to coarse GRAVEL of various lithologies including slag, mudstone and sandstone.<br>. . . Becomes cobbly/boulders at 0.60m bgl. | 0.20<br>(1.60)<br>1.80 |                         |
| 2.00<br>2.00 | ES2               | ES PID | 0.0ppm                    |                |         |         |         |                         |                            |       | MADE GROUND: yellowish brown slightly gravelly fine to coarse SAND. Gravel is angular fine to coarse of sandstone.                                                                                                                                                                                                        | (1.40)                 |                         |
| 2.60-3.00    | B1                | B      |                           |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                                                                           |                        |                         |
| 3.00-3.45    | 1                 | SPT    | N=4                       |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                                                                           |                        |                         |
| 3.20-3.80    | B2                | B      |                           |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                                                                           |                        |                         |
| 3.20         | ES3               | ES PID | 0.0ppm                    |                |         |         |         |                         |                            |       | MADE GROUND: Soft brown sandy silty CLAY. Sand is fine to coarse.                                                                                                                                                                                                                                                         | (0.60)<br>3.80         |                         |
| 4.00-4.25    | 2                 | SPT    | 3,5/16,34 for 25mm        |                |         |         |         |                         |                            |       | MADE GROUND: Dense greyish brown fine to coarse SAND.                                                                                                                                                                                                                                                                     | 4.20                   |                         |
| 4.20-4.70    | B3                | B      |                           |                |         |         |         |                         |                            |       | MADE GROUND. Grey sandy angular fine to coarse GRAVEL of slag and concrete. Sand is fine to coarse.                                                                                                                                                                                                                       |                        |                         |
| 5.00-5.45    | 3                 | SPT(c) | N=14                      |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                                                                           | (2.10)                 |                         |
| 5.50-6.00    | B4                | B      |                           |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                                                                           |                        |                         |
| 6.00-6.45    | 4                 | SPT(c) | N=3                       |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                                                                           | 6.30                   |                         |
| 6.40-7.00    | B5                | B      |                           |                |         |         |         |                         |                            |       | Very soft greyish brown mottled black slightly sandy silty CLAY. Sand is fine to medium. Frequent rootlets and fragments of organic matter. Slight organic odour. (TIDAL FLAT DEPOSITS)                                                                                                                                   | (1.30)                 |                         |
| 6.40         | ES4               | ES PID | 0.0ppm                    |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                                                                           |                        |                         |
| 7.50-7.95    | U1                | U      | 18 blows<br>100% recovery |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                                                                                                                           | 7.60                   |                         |
| 8.50<br>8.50 | ES5               | ES PID | 0.0ppm                    |                |         |         |         |                         |                            |       | Medium dense brownish grey fine to medium SAND. (TIDAL FLAT DEPOSITS)                                                                                                                                                                                                                                                     |                        |                         |

| Boring Progress and Water Observations |       |                                     |              |                        |             | Chiselling / Slow Progress |       |                  | General Remarks                                                                                                                                                                                                                                                       |            |                 |             |                                                                                       |                                                                                       |
|----------------------------------------|-------|-------------------------------------|--------------|------------------------|-------------|----------------------------|-------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date                                   | Time  | Borehole Depth                      | Casing Depth | Borehole Diameter (mm) | Water Depth | From                       | To    | Duration (hh:mm) |                                                                                                                                                                                                                                                                       |            |                 |             |                                                                                       |                                                                                       |
| 08/07/24                               | 08:00 | 4.72                                | 5.15         | N/R                    | 3.94        | 4.30                       | 4.60  | 00:45            | 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Inspection pit machine dug to 2.50m depth. 300mm diameter pipe installed prior to backfilling to allow cable percussive drilling to commence.nb<br>3. Groundwater encountered at 4.0m depth. |            |                 |             |                                                                                       |                                                                                       |
| 08/07/24                               | 17:00 | 12.55                               | 11.25        | N/R                    | 6.74        | 24.60                      | 24.90 | 00:45            |                                                                                                                                                                                                                                                                       |            |                 |             |                                                                                       |                                                                                       |
| 09/07/24                               | 08:45 | 11.88                               | 11.25        | N/R                    | 3.95        | 25.40                      | 25.70 | 00:45            |                                                                                                                                                                                                                                                                       |            |                 |             |                                                                                       |                                                                                       |
| 09/07/24                               | 17:00 | 16.95                               | 16.50        | N/R                    | 8.63        |                            |       |                  |                                                                                                                                                                                                                                                                       |            |                 |             |                                                                                       |                                                                                       |
| 10/07/24                               | 08:45 | 16.41                               | 16.30        | N/R                    | 5.10        |                            |       |                  |                                                                                                                                                                                                                                                                       |            |                 |             |                                                                                       |                                                                                       |
| 10/07/24                               | 17:00 | 25.00                               | 25.00        | N/R                    | 8.78        |                            |       |                  |                                                                                                                                                                                                                                                                       |            |                 |             |                                                                                       |                                                                                       |
| 11/07/24                               | 08:45 | 24.98                               | 25.00        | N/R                    | 5.33        |                            |       |                  |                                                                                                                                                                                                                                                                       |            |                 |             |                                                                                       |                                                                                       |
| 11/07/24                               | 11:45 | 26.05                               | 25.65        | N/R                    | 11.54       |                            |       |                  |                                                                                                                                                                                                                                                                       |            |                 |             |                                                                                       |                                                                                       |
| Method Used:                           |       | Inspection pit + Cable Percussion + |              | Plant Used:            |             | Dando 4000 + Fraste        |       | Drilled By:      | CJA                                                                                                                                                                                                                                                                   | Logged By: | Kieran Bancroft | Checked By: |  |  |

# BOREHOLE LOG

|                                       |                                                |                           |                                                         |  |                        |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Borehole: <b>BH331</b> |
| Contract Ref: <b>315531</b>           | Start: <b>04.07.24</b><br>End: <b>12.07.24</b> | Ground Level: <b>7.54</b> | National Grid Co-ordinate: <b>E:277459.3 N:186966.2</b> |  | Sheet: <b>2 of 4</b>   |

| Depth (m)   | Samples & Testing |      |                           | Mechanical Log |         |         |         | Flush Returns & Details | Backfill & Instrumentation | Water | Description of Strata                                                                                                                                                                                                      | Depth (Thickness) | Material Graphic Legend |
|-------------|-------------------|------|---------------------------|----------------|---------|---------|---------|-------------------------|----------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
|             | No                | Type | Results                   | TCR (%)        | SCR (%) | RQD (%) | If (mm) |                         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 9.00-9.45   | 5                 | SPT  | N=11                      |                |         |         |         |                         |                            |       | Medium dense brownish grey fine to medium SAND. (TIDAL FLAT DEPOSITS) (stratum copied from 7.60m from previous sheet)                                                                                                      | (3.60)            |                         |
| 10.00-10.50 | B6                | B    |                           |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 10.50-10.95 | 6                 | SPT  | N=25                      |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 11.20-12.00 | B7                | B    |                           |                |         |         |         |                         |                            |       | Soft greyish brown sandy organic CLAY. Sand is fine to coarse. Frequent angular fragments of degraded organic matter. Strong organic odour. (TIDAL FLAT DEPOSITS)                                                          | 11.20             |                         |
| 11.20       | ES6               | ES   | 0.2ppm                    |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                            | (1.50)            |                         |
| 11.20       |                   | PID  |                           |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 12.00-12.45 | U2                | U    | 30 blows<br>100% recovery |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 12.45-12.55 | D3                | D    |                           |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                            | 12.70             |                         |
| 12.80-13.50 | B8                | B    |                           |                |         |         |         |                         |                            |       | Very soft bluish grey occasionally mottled dark brown slightly sandy silty CLAY. Sand is fine. Occasional amorphous organic matter. Slight organic odour. (TIDAL FLAT DEPOSITS)                                            |                   |                         |
| 13.50-13.95 | 7                 | SPT  | N=1                       |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                            | (3.60)            |                         |
| 14.50-15.00 | B9                | B    |                           |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 15.00-15.45 | U3                | U    | 100% recovery             |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                            |                   |                         |
| 16.30-16.50 | B10               | B    |                           |                |         |         |         |                         |                            |       | Stiff brownish grey slightly sandy gravelly silty CLAY. Sand is fine to medium. Gravel is angular to subrounded fine to coarse of sandstone and mudstone/siltstone. (Weathered South Wales Middle Coal Measures Formation) | 16.30             |                         |
| 16.50-16.95 | 8                 | SPT  | N=39                      |                |         |         |         |                         |                            |       |                                                                                                                                                                                                                            | (1.20)            |                         |
| 17.50-18.00 | B11               | B    |                           |                |         |         |         |                         |                            |       | Description on next sheet                                                                                                                                                                                                  | 17.50             |                         |

| Boring Progress and Water Observations                                   |      |                |              |                        |             | Chiselling / Slow Progress             |    |                  | General Remarks                                                                                                                                                                    |
|--------------------------------------------------------------------------|------|----------------|--------------|------------------------|-------------|----------------------------------------|----|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date                                                                     | Time | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth | From                                   | To | Duration (hh:mm) |                                                                                                                                                                                    |
|                                                                          |      |                |              |                        |             |                                        |    |                  | 4. Rotary openhole drilling commenced at 25.70m bgl.<br>5. Upon completion gas/groundwater monitoring pipe was installed to 25m depth. Response zone between 7.0m and 25.0m depth. |
| Method Used: <b>Inspection pit + Cable Percussion + Rotary open hole</b> |      |                |              |                        |             | Plant Used: <b>Dando 4000 + Fraste</b> |    |                  | All dimensions in metres Scale: <b>1:50</b>                                                                                                                                        |
| Drilled By: <b>CJA</b>                                                   |      |                |              |                        |             | Logged By: <b>Kieran Bancroft</b>      |    |                  | Checked By:  <b>AGS</b>                                                                       |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH331</b>  |
| Contract Ref:               | Start: <b>04.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>12.07.24</b>   | <b>7.54</b>       | <b>E:277459.3 N:186966.2</b> | <b>3 of 4</b> |

| Depth<br>(m) | Samples & Testing |        |                        | Mechanical Log |            |            |            | Flush<br>Returns<br>& Details | Backfill &<br>Instru-<br>mentation | Water | Description of Strata                                                                                                                                                                                                                                              | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|--------|------------------------|----------------|------------|------------|------------|-------------------------------|------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
|              | No                | Type   | Results                | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                               |                                    |       |                                                                                                                                                                                                                                                                    |                           |                               |
| 18.00-18.45  | 9                 | SPT(c) | N=45                   |                |            |            |            |                               |                                    |       | Dense brownish grey sandy silty clayey angular to subrounded fine to coarse GRAVEL of sandstone and mudstone/siltstone. (Weathered South Wales Middle Coal Measures Formation) <i>(stratum copied from 17.50m from previous sheet)</i>                             | (2.10)                    |                               |
| 19.00-19.50  | B12               | B      |                        |                |            |            |            |                               |                                    |       |                                                                                                                                                                                                                                                                    | 19.60                     |                               |
| 19.50-19.95  | 10                | SPT(c) | N=6                    |                |            |            |            |                               |                                    |       |                                                                                                                                                                                                                                                                    |                           |                               |
| 19.60-20.00  | B13               | B      |                        |                |            |            |            |                               |                                    |       |                                                                                                                                                                                                                                                                    |                           |                               |
| 20.00-21.00  | B14               | B      |                        |                |            |            |            |                               |                                    |       | Loose greyish brown clayey fine to coarse SAND. (Weathered South Wales Middle Coal Measures Formation)                                                                                                                                                             |                           |                               |
|              |                   |        |                        |                |            |            |            |                               |                                    |       |                                                                                                                                                                                                                                                                    | (3.80)                    |                               |
| 22.00-22.50  | B15               | B      |                        |                |            |            |            |                               |                                    |       | ... Becomes medium dense fine at 22.5m bgl                                                                                                                                                                                                                         |                           |                               |
| 22.50-22.95  | 12                | SPT    | N=10                   |                |            |            |            |                               |                                    |       |                                                                                                                                                                                                                                                                    | 23.40                     |                               |
| 23.40-24.00  | B16               | B      |                        |                |            |            |            |                               |                                    |       |                                                                                                                                                                                                                                                                    |                           |                               |
| 24.00-24.45  | 13                | SPT(c) | N=48                   |                |            |            |            |                               |                                    |       | Very stiff brownish grey greyish brown slightly sandy gravelly silty CLAY. Sand is fine to coarse. Gravel is subangular to rounded fine to coarse of sandstone. Occasional subrounded cobbles of sandstone. (Weathered South Wales Middle Coal Measures Formation) | (1.80)                    |                               |
| 25.00-25.40  | B17               | B      |                        |                |            |            |            |                               |                                    |       |                                                                                                                                                                                                                                                                    | 25.20                     |                               |
| 25.40-25.70  | B18               | B      |                        |                |            |            |            |                               |                                    |       | Very dense brownish grey slightly sandy clayey angular to subrounded fine to coarse GRAVEL of mudstone/siltstone. (Weathered South Wales Middle Coal Measures Formation)                                                                                           | (0.50)                    |                               |
| 25.50-25.88  | 14                | SPT(c) | 8,13/26,41,33 for 75mm |                |            |            |            |                               |                                    |       | Grey MUDSTONE (Drillers description) (SOUTH WALES COAL MEASURES)                                                                                                                                                                                                   | 25.70                     |                               |

| Boring Progress and Water Observations                  |      |                                        |              |                        |             | Chiselling / Slow Progress        |    |                       | General Remarks |                                                                                       |
|---------------------------------------------------------|------|----------------------------------------|--------------|------------------------|-------------|-----------------------------------|----|-----------------------|-----------------|---------------------------------------------------------------------------------------|
| Date                                                    | Time | Borehole Depth                         | Casing Depth | Borehole Diameter (mm) | Water Depth | From                              | To | Duration (hh:mm)      |                 |                                                                                       |
|                                                         |      |                                        |              |                        |             |                                   |    |                       |                 |                                                                                       |
|                                                         |      |                                        |              |                        |             |                                   |    |                       |                 |                                                                                       |
| Method Used: <b>Inspection pit + Cable Percussion +</b> |      | Plant Used: <b>Dando 4000 + Fraste</b> |              | Drilled By: <b>CJA</b> |             | Logged By: <b>Kieran Bancroft</b> |    | Checked By: <b>JB</b> |                 |  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Borehole:     |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>BH331</b>  |
| Contract Ref:               | Start: <b>04.07.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>12.07.24</b>   | <b>7.54</b>       | <b>E:277459.3 N:186966.2</b> | <b>4 of 4</b> |

| Depth<br>(m) | Samples & Testing |        |         | Mechanical Log |            |            |            | Flush<br>Returns<br>& Details              | Backfill &<br>Instru-<br>mentation | Water | Description of Strata                                                                                                                | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|--------------|-------------------|--------|---------|----------------|------------|------------|------------|--------------------------------------------|------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
|              | No                | Type   | Results | TCR<br>(%)     | SCR<br>(%) | RQD<br>(%) | If<br>(mm) |                                            |                                    |       |                                                                                                                                      |                           |                               |
| 27.00-27.04  | 15                | SPT(c) | NP      |                |            |            |            | 100% return<br>Air+Mist<br>(Brownish grey) |                                    |       | Grey MUDSTONE (Drillers description)<br>(SOUTH WALES COAL MEASURES)<br>( <i>stratum copied from 25.70m from<br/>previous sheet</i> ) | (4.33)                    |                               |
| 30.00-30.03  | 16                | SPT(c) | NP      |                |            |            |            |                                            |                                    |       | Borehole terminated at 30.0m bgl.                                                                                                    | 30.03                     |                               |

| Boring Progress and Water Observations |                                     |                |              |                        |                     | Chiselling / Slow Progress |             |                  | General Remarks            |                                                                                                       |
|----------------------------------------|-------------------------------------|----------------|--------------|------------------------|---------------------|----------------------------|-------------|------------------|----------------------------|-------------------------------------------------------------------------------------------------------|
| Date                                   | Time                                | Borehole Depth | Casing Depth | Borehole Diameter (mm) | Water Depth         | From                       | To          | Duration (hh:mm) |                            |                                                                                                       |
|                                        |                                     |                |              |                        |                     |                            |             |                  |                            |                                                                                                       |
|                                        |                                     |                |              |                        |                     |                            |             |                  | All dimensions in metres   | Scale: 1:50                                                                                           |
| Method Used:                           | Inspection pit + Cable Percussion + |                |              | Plant Used:            | Dando 4000 + Fraste |                            | Drilled By: | CJA              | Logged By: Kieran Bancroft | Checked By:  AGS |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP301</b> |
| Contract Ref: <b>315531</b>           | Start: <b>05.08.24</b><br>End: <b>05.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:276790.0 N:186458.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                            | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                  |                   |                         |
| 0.00-0.80                 | 1  | B    |         |       |                            | MADE GROUND: Dark grey brown clayey sandy GRAVEL of angular to subangular fine to coarse slag, rare metal and wood with moderate cobble content. Sand is fine to coarse. Cobbles are angular to subangular slag. | (0.80)            |                         |
| 0.50                      | 1  | ES   |         |       |                            | . . . Mottled dark red brown.                                                                                                                                                                                    | 0.80              |                         |
|                           |    |      |         |       |                            | CONCRETE. Recovered as angular to subangular cobbles and rebar (3cm).                                                                                                                                            | (0.50)            |                         |
|                           |    |      |         |       |                            | Layer of compressed slag. Recovered as angular cobbles.                                                                                                                                                          | 1.30              |                         |
| 1.50                      | 2  | ES   |         |       |                            | MADE GROUND: Dark grey clayey gravelly fine to coarse SAND with moderate ash content. Gravel is subangular to subrounded fine to coarse coal.                                                                    | 1.50              |                         |
|                           |    |      |         |       |                            |                                                                                                                                                                                                                  | (1.60)            |                         |
| 2.50                      | 3  | ES   |         |       |                            |                                                                                                                                                                                                                  | 3.10              |                         |
|                           |    |      |         |       |                            | Terminated at 3.10mbgl.                                                                                                                                                                                          |                   |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale:                                                                                            | <b>1:25</b>                                                                           |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP302</b> |
| Contract Ref: <b>315531</b>           | Start: <b>02.08.24</b><br>End: <b>02.08.24</b> | Ground Level: <b>16.72</b> | National Grid Co-ordinate: <b>E:276848.7 N:186497.8</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                             | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                   |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Dark grey brown clayey GRAVEL of angular to subangular fine to coarse slag.          | (2.00)            |                         |
| 2.50                      | 2  | ES   |         |       |                            | MADE GROUND: Dark grey sandy GRAVEL of angular to subrounded fine to coarse slag. Sand is coarse. | (1.10)            |                         |
|                           |    |      |         |       |                            | Terminated at 3.10mbgl.                                                                           | 3.10              |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale:                                                                                            | <b>1:25</b>                                                                           |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

GINT LIBRARY\_V10\_01.GLB LibVersion: v8\_07\_001 PrVersion: v8\_07 | Log TRIAL PIT LOG - NO PLAN - A4P | 315531 PORT TALBOT GPJ - v10\_01.  
RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 31/01/25 - 15:57 | JB17 |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP303</b> |
| Contract Ref: <b>315531</b>           | Start: <b>02.08.24</b><br>End: <b>02.08.24</b> | Ground Level: <b>16.85</b> | National Grid Co-ordinate: <b>E:276835.0 N:186517.6</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |        |         |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                          | Depth (Thickness) | Material Graphic Legend |
|---------------------------|--------|---------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No     | Type    | Results |       |                            |                                                                                                                                                                                                                                                |                   |                         |
| 0.50                      | 1      | ES      |         |       |                            | MADE GROUND: Dark grey brown clayey fine to coarse SAND and angular to subangular fine to coarse GRAVEL of slag with moderate cobble content. Cobbles are angular to subangular slag.<br><br>... Higher cobble content and less dense below 1m |                   |                         |
| 1.50-2.50<br>1.50         | 1<br>2 | B<br>ES |         |       |                            |                                                                                                                                                                                                                                                | (3.00)            |                         |
| 2.50                      | 3      | ES      |         |       |                            |                                                                                                                                                                                                                                                | 3.00              |                         |
|                           |        |         |         |       |                            | Terminated at 3.00mbgl.                                                                                                                                                                                                                        |                   |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.

|                                 |                                             |                             |                                                                                                                                                                                         |
|---------------------------------|---------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                             | Scale: <b>1:25</b>                                                                                                                                                                      |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:   |

# TRIAL PIT LOG

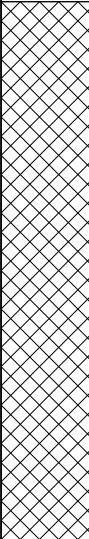
|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP305</b> |
| Contract Ref: <b>315531</b>           | Start: <b>05.08.24</b><br>End: <b>05.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277041.0 N:186760.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                 | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                       |                   |                         |
|                           |    |      |         |       |                            | MADE GROUND: Brown slightly gravelly slightly sandy CLAY. Gravel is subangular to subrounded fine to coarse slag.                                                                     | (0.30)<br>0.30    |                         |
| 0.80                      | 1  | ES   |         |       |                            | MADE GROUND: Brown fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of slag and clinker. Rare pockets of yellow brown extremely weak poorly cemented sandstone. | (2.70)            |                         |
| 2.00                      | 2  | ES   |         |       |                            |                                                                                                                                                                                       |                   |                         |
| 2.70                      | 3  | ES   |         |       |                            |                                                                                                                                                                                       | 3.00              |                         |
|                           |    |      |         |       |                            | Terminated at 3.00mbgl.                                                                                                                                                               |                   |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

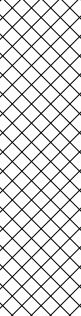
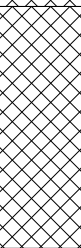
|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP306</b> |
| Contract Ref: <b>315531</b>           | Start: <b>23.08.24</b><br>End: <b>23.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277380.0 N:186493.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |     |           |         | Water                                                                             | Backfill & Instrumentation                                                         | Description of Strata                                                                                                                    | Depth (Thickness) | Material Graphic Legend                                                              |
|---------------------------|-----|-----------|---------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------|
| Depth                     | No  | Type      | Results |                                                                                   |                                                                                    |                                                                                                                                          |                   |                                                                                      |
| 0.50<br>0.50              | ES1 | ES<br>PID | 0.0ppm  |  |  | CONCRETE.                                                                                                                                | 0.20              |                                                                                      |
|                           |     |           |         |                                                                                   |                                                                                    | MADE GROUND. Dark greyish brown sandy silty angular fine to coarse GRAVEL of various lithologies including sandstone, slag and concrete. | (1.80)            |  |
|                           |     |           |         |                                                                                   |                                                                                    | Trial pit terminated at 2.0m bgl due to significant ground water.                                                                        | 2.00              |                                                                                      |

| General Remarks                                                                                                  |                                             |                                   |             |                                                                                       |  |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|-------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 1.80m depth. |                                             |                                   |             |                                                                                       |  |
| All dimensions in metres                                                                                         |                                             |                                   | Scale:      | <b>1:25</b>                                                                           |  |
| Method Used: <b>Machine dug</b>                                                                                  | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Kieran Bancroft</b> | Checked By: |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP307</b> |
| Contract Ref: <b>315531</b>           | Start: <b>23.08.24</b><br>End: <b>23.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277489.0 N:186382.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                        | Depth (Thickness)  | Material Graphic Legend                                                              |
|---------------------------|----|------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                                                                              |                    |                                                                                      |
|                           |    |      |         |       |                            | Grass over brown slightly sandy slightly gravelly clayey silt TOPSOIL. Sand is fine to coarse. Gravel is angular fine to coarse of sandstone and sandstone. Frequent rootlets up to 1mm diameter.                                                                            | 0.25               |   |
|                           |    |      |         |       |                            | MADE GROUND. Dark grey sandy angular fine to coarse GRAVEL of various lithologies including red brick and slag. Sand is fine to coarse. Very compact.                                                                                                                        | 0.50               |   |
|                           |    |      |         |       |                            | ASPHALT.                                                                                                                                                                                                                                                                     | 0.60               |   |
|                           |    |      |         |       |                            | MADE GROUND. Dark brown sandy angular fine to coarse GRAVEL of various lithologies including red brick, slag and concrete. Sand is fine to coarse.<br><br>... Becomes very compacted at 1.0m bgl.<br><br>... Becomes reddish brown and predominantly red brick at 1.40m bgl. | (1.10)<br><br>1.70 |   |
|                           |    |      |         |       |                            | MADE GROUND. Brown slightly gravelly fine to coarse SAND. Gravel is angular fine to coarse of red brick and slag.                                                                                                                                                            | (0.80)<br><br>2.50 |  |
|                           |    |      |         |       |                            | Trial pit terminated at 2.50m bgl due to significant ground water.                                                                                                                                                                                                           |                    |                                                                                      |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 2.30m depth.

All dimensions in metres

Scale:

**1:25**

Method Used:

**Machine dug**

Plant Used:

**13 Ton Tracked Excavator**

Logged By:

**Kieran Bancroft**

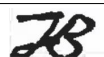
Checked By:



# TRIAL PIT LOG

|                                       |                                                |                           |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP308</b> |
| Contract Ref: <b>315531</b>           | Start: <b>25.07.24</b><br>End: <b>25.07.24</b> | Ground Level: <b>7.33</b> | National Grid Co-ordinate: <b>E:277447.8 N:186401.2</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests                                        |                                                                                                                   |                                            |                                                                                                                   | Water | Backfill & Instru-<br>mentation | Description of Strata                                                                           | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------|---------------------------------|-------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
| Depth                                                            | No                                                                                                                | Type                                       | Results                                                                                                           |       |                                 |                                                                                                 |                           |                               |
| 0.60-1.00<br>0.60<br>0.60<br><br>1.00<br><br>1.20-1.40<br>1.20   | 1<br>1                                                                                                            | B<br>ES<br>PID                             | 0.0ppm                                                                                                            |       |                                 | MADE GROUND: Dark grey GRAVEL of angular to subangular fine to coarse roadstone. (Hardstanding) | 0.10                      |                               |
|                                                                  |                                                                                                                   |                                            |                                                                                                                   |       |                                 | MADE GROUND: Grey GRAVEL of angular to subangular roadstone.                                    | (0.50)                    |                               |
|                                                                  | MADE GROUND: Dark grey clayey fine to coarse SAND and angular to subangular GRAVEL of slag. Moderate ash content. | (0.80)                                     |                                                                                                                   |       |                                 |                                                                                                 |                           |                               |
|                                                                  |                                                                                                                   |                                            | MADE GROUND: Dark grey clayey fine to coarse SAND and angular to subangular GRAVEL of slag. Moderate ash content. |       |                                 | 0.60                                                                                            |                           |                               |
| Moderate cobble content. Cobbles are angular to subangular slag. | 1.40                                                                                                              |                                            |                                                                                                                   |       |                                 |                                                                                                 |                           |                               |
|                                                                  |                                                                                                                   | Terminated at 1.40mbgl due to groundwater. |                                                                                                                   |       |                                 |                                                                                                 |                           |                               |

| General Remarks                                                                                                 |                                             |                             |                                                                                                   |                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 1.4m depth. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                                                                        |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                           |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP309</b> |
| Contract Ref: <b>315531</b>           | Start: <b>26.07.24</b><br>End: <b>26.07.24</b> | Ground Level: <b>7.22</b> | National Grid Co-ordinate: <b>E:277454.3 N:186377.3</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests                      |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                            | Depth (Thickness) | Material Graphic Legend |
|------------------------------------------------|----|------|---------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                                          | No | Type | Results |       |                            |                                                                                                                                                                                  |                   |                         |
| 0.20-0.50                                      | 1  | B    |         |       |                            | MADE GROUND: Grey GRAVEL of angular to subangular fine to coarse roadstone. (Hardstanding).                                                                                      | 0.10              |                         |
| 0.40                                           | 1  | ES   |         |       |                            | MADE GROUND: Dark grey sandy GRAVEL of angular to subangular fine to coarse slag, roadstone, metal and rare brick.                                                               | (0.50)            |                         |
|                                                |    |      |         |       |                            |                                                                                                                                                                                  | 0.60              |                         |
|                                                |    |      |         |       |                            | MADE GROUND: Brown clayey GRAVEL and COBBLES of slag.                                                                                                                            | (0.40)            |                         |
| 1.00                                           | 2  | ES   |         |       |                            |                                                                                                                                                                                  | 1.00              |                         |
| 1.00-1.50                                      | 2  | B    |         |       |                            | MADE GROUND: Dark brown GRAVEL of very angular to angular fine to coarse slate and siltstone with occasional pockets of clay (30cm) and occasional angular cobbles of siltstone. | (1.50)            |                         |
| 2.00                                           | 3  | ES   |         |       |                            |                                                                                                                                                                                  |                   |                         |
| 2.00-2.50                                      | 3  | B    |         |       |                            |                                                                                                                                                                                  | 2.50              |                         |
| Terminated at 2.50mbgl due to pit instability. |    |      |         |       |                            |                                                                                                                                                                                  |                   |                         |

## General Remarks

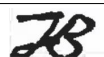
1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 2.1m depth.

|                                 |                                             |                             |                                                                                                              |
|---------------------------------|---------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                             | Scale: <b>1:25</b>                                                                                           |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  <b>AGS</b> |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP310</b> |
| Contract Ref: <b>315531</b>           | Start: <b>26.07.24</b><br>End: <b>26.07.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277439.0 N:186372.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |        |         |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                       | Depth (Thickness) | Material Graphic Legend |
|---------------------------|--------|---------|---------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No     | Type    | Results |       |                            |                                                                                                                                                                                                                                                                             |                   |                         |
| 0.70-1.50<br>0.70         | 1<br>1 | B<br>ES |         |       |                            | MADE GROUND: Rounded to subrounded gravel onto dark brown slightly sandy clayey fine to coarse GRAVEL. Sand is fine to medium. Gravel is angular to subangular of mixed lithologies including brick, charcoal, plastic<br><br>... Band of yellow brown fine to medium sand. | (1.50)<br>1.50    |                         |
|                           |        |         |         |       |                            | MADE GROUND: Dark brown silty GRAVEL. Gravel is angular to subangular fine to coarse of slag and siltstone.                                                                                                                                                                 | (0.50)<br>2.00    |                         |
| 2.50-3.40<br>2.50         | 2<br>2 | B<br>ES |         |       |                            | Dark brown silty GRAVEL of very angular to angular fine to coarse slate and siltstone with occasional pockets of firm clay.                                                                                                                                                 | (1.40)<br>3.40    |                         |
|                           |        |         |         |       |                            | Terminated at 3.40mbgl.                                                                                                                                                                                                                                                     |                   |                         |

| General Remarks                                                                                                 |                                             |                             |                                                                                                   |                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 2.0m depth. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                                                                        |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                           |                                                         |                         |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                | Client: <b>TATA Steel</b> |                                                         | Trial Pit: <b>TP311</b> |
| Contract Ref: <b>315531</b>           | Start: <b>05.08.24</b><br>End: <b>05.08.24</b> | Ground Level: <b>---</b>  | National Grid Co-ordinate: <b>E:277413.0 N:186364.0</b> | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |        |         |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Depth (Thickness)                                                                                                        | Material Graphic Legend |
|---------------------------|--------|---------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Depth                     | No     | Type    | Results |       |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                          |                         |
| 0.40-0.60<br>0.40-0.50    | 1<br>1 | B<br>ES |         |       |                            | MADE GROUND: Concrete onto greyish dark brown sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse angular to subangular of mixed lithologies including slag mudstone and concrete.<br><br>MADE GROUND: Recovered as dark greyish brown sandy angular to subangular GRAVELS and COBBLES. Sand is fine to coarse. Gravel is fine to coarse of mixed lithologies including brick and clinker. Cobbles are subangular to angular of mudstone, slag, metal and brick.<br><br>MADE GROUND: Dark brown gravelly clayey fine to coarse SAND. Gravel is angular to subangular of brick, mudstone and slag.<br>... Concrete boulders<br><br>MADE GROUND: Yellowish brown fine to medium SAND<br><br>MADE GROUND: Dark brown gravelly clayey fine to coarse SAND with low cobble content. Gravel is angular to subangular of brick, mudstone rebar and slag. Cobbles are subangular to angular of slag concrete and brick.<br><br>MADE GROUND. Black ashy sandy GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse of mixed lithologies including coal, slag, shale and slate. | 0.20<br><br>(0.60)<br><br>0.80<br><br>(0.60)<br><br>1.40<br><br>1.60<br><br>(0.40)<br><br>2.00<br><br>(0.60)<br><br>2.60 |                         |
| 2.50-2.60<br>2.50-2.60    | 2<br>2 | B<br>ES |         |       |                            | Terminated at 2.60mbgl.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                          |                         |

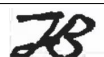
## General Remarks

- Position scanned with a CAT, Genny and GPR prior to excavation.
- Tp moved south west due to concrete obstruction, suspected old building foundation

All dimensions in metres

Scale:

**1:25**

|                                 |                                             |                                |                                                                                                   |                                                                                       |
|---------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Adam Livesey</b> | Checked By:  |  |
|---------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP312</b> |
| Contract Ref: <b>315531</b>           | Start: <b>05.08.24</b><br>End: <b>05.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277449.0 N:186346.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |        |         |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                          | Depth (Thickness) | Material Graphic Legend |
|---------------------------|--------|---------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No     | Type    | Results |       |                            |                                                                                                                                                                                                                                                |                   |                         |
| 0.20-0.30<br>0.20-0.30    | 1<br>1 | B<br>ES |         |       |                            | MADE GROUND: Greyish dark brown sandy GRAVEL with rare wood. Sand is fine to coarse. Gravel is fine to coarse subangular to subrounded of mixed lithologies including concrete slag siltstone                                                  | (0.40)<br>0.40    |                         |
| 1.50-1.60                 | 1      | D       |         |       |                            | MADE GROUND: Dark grey sandy GRAVEL of angular to subangular fine to coarse slag, metal, coal and occasional brick. Sand is fine to coarse.<br>... Concrete slab<br><br>... Rare cobbles of slag concrete slate<br><br>... Slate and siltstone | (2.10)            |                         |
| 2.40-2.50<br>2.40-2.50    | 2<br>2 | B<br>ES |         |       |                            | Terminated at 2.50mbgl.                                                                                                                                                                                                                        | 2.50              |                         |

## General Remarks

- Position scanned with a CAT, Genny and GPR prior to excavation.

All dimensions in metres

Scale:

**1:25**

|                                 |                                             |                                |                                                                                                   |                                                                                       |
|---------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Adam Livesey</b> | Checked By:  |  |
|---------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP313</b> |
| Contract Ref: <b>315531</b>           | Start: <b>08.08.24</b><br>End: <b>08.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277318.0 N:186408.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water                                                                               | Backfill & Instrumentation                                                          | Description of Strata                                                                                                                 | Depth (Thickness) | Material Graphic Legend                                                               |
|---------------------------|----|------|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|
| Depth                     | No | Type | Results |                                                                                     |                                                                                     |                                                                                                                                       |                   |                                                                                       |
| 0.30                      | 1  | ES   |         |                                                                                     |    | MADE GROUND: Dark brown sandy gravelly CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse slag. (Topsoil) | 0.10              |    |
|                           |    |      |         |                                                                                     |                                                                                     | MADE GROUND: Grey brown sandy GRAVEL of angular to subangular fine to coarse slag. Sand is fine to medium.                            | (0.40)            |                                                                                       |
|                           |    |      |         |                                                                                     |                                                                                     | Yellow brown clayey fine to medium SAND.                                                                                              | 0.50              |                                                                                       |
| 1.20                      | 2  | ES   |         |                                                                                     |    |                                                                                                                                       | (1.70)            |    |
|                           |    |      |         |                                                                                     |                                                                                     |                                                                                                                                       |                   |                                                                                       |
| 2.00                      | 3  | ES   |         |  |  | Terminated at 2.2m due to pit instability.                                                                                            | 2.20              |  |
|                           |    |      |         |                                                                                     |                                                                                     |                                                                                                                                       |                   |                                                                                       |

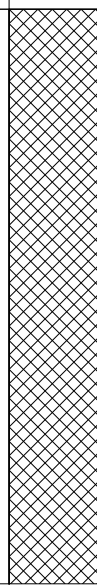
### General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.

|                                 |                                             |                             |             |                                                                                       |  |
|---------------------------------|---------------------------------------------|-----------------------------|-------------|---------------------------------------------------------------------------------------|--|
| All dimensions in metres        |                                             |                             |             | Scale: <b>1:25</b>                                                                    |  |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By: |  |  |

# TRIAL PIT LOG

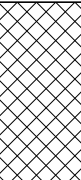
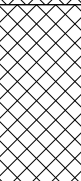
|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP314</b> |
| Contract Ref: <b>315531</b>           | Start: <b>09.08.24</b><br>End: <b>09.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277436.0 N:186198.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water                                                                             | Backfill & Instrumentation                                                         | Description of Strata                                                                                                                                                                                                                                                                   | Depth (Thickness) | Material Graphic Legend                                                              |
|---------------------------|----|------|---------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------|
| Depth                     | No | Type | Results |                                                                                   |                                                                                    |                                                                                                                                                                                                                                                                                         |                   |                                                                                      |
| 0.50                      | 1  | ES   |         |  |  | MADE GROUND: Dark grey sandy GRAVEL of angular to subangular fine to coarse slag with moderate cobble content. Sand is fine to coarse. Cobbles are angular slag.<br>... Concrete structure on western face of excavation to base of pit.<br>... Cobble of old metal pipe 10cm diameter. | (1.90)            |  |
| 1.70                      | 2  | ES   |         |                                                                                   |                                                                                    | ... Becoming grey below 1.5m bgl.                                                                                                                                                                                                                                                       |                   |                                                                                      |
|                           |    |      |         |                                                                                   |                                                                                    | Groundwater encountered at 1.1m bgl. Terminated due to unknown obstruction at 1.9m bgl and backfilled with arisings on completion.                                                                                                                                                      | 1.90              |                                                                                      |

| General Remarks                                                                                                 |                                             |                             |                    |                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|--------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 1.1m depth. |                                             |                             |                    |                                                                                       |  |
| All dimensions in metres                                                                                        |                                             |                             | Scale: <b>1:25</b> |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:        |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP317</b> |
| Contract Ref: <b>315531</b>           | Start: <b>12.09.24</b><br>End: <b>12.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277657.0 N:186218.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water                                                                               | Backfill & Instrumentation                                                         | Description of Strata                                                                                                                                                          | Depth (Thickness) | Material Graphic Legend                                                             |
|---------------------------|----|------|---------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Depth                     | No | Type | Results |                                                                                     |                                                                                    |                                                                                                                                                                                |                   |                                                                                     |
| 1.70-1.80                 | 1  | B    |         |  |  | MADE GROUND: Greyish brown sandy angular fine to coarse GRAVEL of Slag.                                                                                                        | (0.60)            |  |
|                           |    |      |         |                                                                                     |                                                                                    | MADE GROUND: Grey coarse GRAVEL of limestone (ballast)                                                                                                                         | 0.60              |                                                                                     |
|                           |    |      |         |                                                                                     |                                                                                    | MADE GROUND: Dark grey sandy angular fine to coarse GRAVEL and COBBLES of slag, concrete, limestone, brick. Low to medium angular boulder content of slag (upto 0.5x0.4x0.2m). | (0.60)            |  |
|                           |    |      |         |                                                                                     |                                                                                    |                                                                                                                                                                                | 1.20              |                                                                                     |
|                           |    |      |         |                                                                                     |                                                                                    |                                                                                                                                                                                | (1.40)            |                                                                                     |
|                           |    |      |         |                                                                                     |                                                                                    |                                                                                                                                                                                | 2.60              |                                                                                     |
|                           |    |      |         |                                                                                     |                                                                                    | Terminated at 2.6mbgl                                                                                                                                                          |                   |                                                                                     |

| General Remarks                                                                                                  |                                             |                                   |                    |                                                                                       |  |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|--------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 2.40m depth. |                                             |                                   |                    |                                                                                       |  |
| All dimensions in metres                                                                                         |                                             |                                   | Scale: <b>1:25</b> |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                                  | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By:        |  |  |

GINT LIBRARY\_V10\_01.GLB LibVersion: v8.07\_001 PrVersion: v8.07 | Log TRIAL PIT LOG - NO PLAN - A4P | 315531 PORT TALBOT GPJ - v10\_01.  
 RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 31/01/25 - 15:57 | JB17 |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP318</b> |
| Contract Ref: <b>315531</b>           | Start: <b>11.09.24</b><br>End: <b>11.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277771.0 N:186419.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                    | Depth (Thickness)  | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                          |                    |                         |
| 1.00-1.10                 | 1  | B    |         |       |                            | MADE GROUND: Grey brown sandy angular fine to coarse GRAVEL of slag. Low angular cobble content of slag and metal. Rare wood fragments.<br><br>... Thick piece of steel at 1.2mbgl in north end<br>Terminated at 1.3mbgl | (1.30)<br><br>1.30 |                         |

| General Remarks                                                    |                                             |                                   |             |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------------|-------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                                   |             |                                                                                       |  |
| All dimensions in metres                                           |                                             |                                   | Scale:      | <b>1:25</b>                                                                           |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By: |  |  |

|                             |                        |                   |                              |               |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|
| Contract:                   |                        | Client:           |                              | Trial Pit:    |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>TP319</b>  |
| Contract Ref:               | Start: <b>11.09.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               | End: <b>11.09.24</b>   | <b>---</b>        | <b>E:277796.0 N:186264.0</b> | <b>1 of 1</b> |

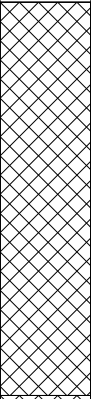
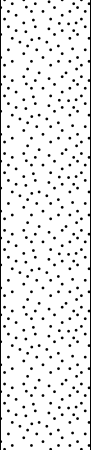
CLINT LIBRARY\_V10\_01.GLB LibVersion: v8\_07\_001 PpVersion: v8\_07 | Log TRIAL PIT LOG - NO PLAN - A4P | 315531 PORT TALBOT GPJ - v10\_01.

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater not encountered.

|                 |                    |                |                                     |               |                        |                |                                                                                       |
|-----------------|--------------------|----------------|-------------------------------------|---------------|------------------------|----------------|---------------------------------------------------------------------------------------|
| Method<br>Used: | <b>Machine dug</b> | Plant<br>Used: | <b>13 Ton Tracked<br/>Excavator</b> | Logged<br>By: | <b>Rachael Lockyer</b> | Checked<br>By: |  |
|-----------------|--------------------|----------------|-------------------------------------|---------------|------------------------|----------------|---------------------------------------------------------------------------------------|

# TRIAL PIT LOG

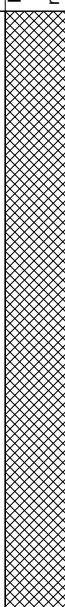
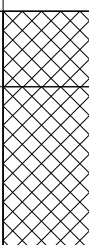
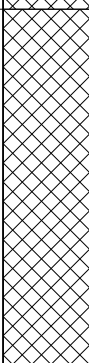
|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP320</b> |
| Contract Ref: <b>315531</b>           | Start: <b>11.09.24</b><br>End: <b>11.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277796.0 N:186264.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                          | Depth (Thickness) | Material Graphic Legend                                                              |
|---------------------------|----|------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                |                   |                                                                                      |
| 0.90-1.00                 | 1  | B    |         |       |                            | MADE GROUND: Dark grey sandy angular fine to coarse GRAVEL of slag. Sand is fine to coarse. Low angular cobble content of slag and rare brick. | (1.30)            |   |
| 1.20-1.30                 | 2  | B    |         |       |                            |                                                                                                                                                | 1.30              |                                                                                      |
|                           |    |      |         |       |                            | MADE GROUND Yellow brown gravelly fine to coarse SAND. Gravel is angular fine to coarse of slag. (Reworked)                                    | 1.50              |   |
|                           |    |      |         |       |                            | Yellow brown fine to coarse SAND. (BLOWN SAND).                                                                                                | (1.50)            |  |
|                           |    |      |         |       |                            | Terminated at 3.0mbgl                                                                                                                          | 3.00              |                                                                                      |

| General Remarks                                                                                       |                                             |                                   |                    |                                                                                       |  |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|--------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater not encountered. |                                             |                                   |                    |                                                                                       |  |
| All dimensions in metres                                                                              |                                             |                                   | Scale: <b>1:25</b> |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                       | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By:        |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP323</b> |
| Contract Ref: <b>315531</b>           | Start: <b>23.08.24</b><br>End: <b>23.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277523.0 N:186416.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests                                         |     |           |         | Water                                                                             | Backfill & Instru-<br>mentation                                                    | Description of Strata                                                                                                                                                                                                 | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                        |      |  |
|-------------------------------------------------------------------|-----|-----------|---------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------|------|--|
| Depth                                                             | No  | Type      | Results |                                                                                   |                                                                                    |                                                                                                                                                                                                                       |                           |                                                                                      |      |  |
| 0.50<br>0.50                                                      | ES1 | ES<br>PID | 0.0ppm  |  |  | MADE GROUND. Grass over brown slightly sandy slightly gravelly clayey silt TOPSOIL. Sand is fine to coarse. Gravel is angular fine to coarse of sandstone and sandstone. Frequent root let&apos;s up to 1mm diameter. | 0.25                      |   |      |  |
|                                                                   |     |           |         |                                                                                   |                                                                                    | MADE GROUND. Dark grey sandy angular fine to coarse GRAVEL of various lithologies including red brick and slag. Sand is fine to coarse. Very compact.                                                                 | (0.55)                    |                                                                                      |      |  |
| 1.30<br>1.30                                                      | ES2 | ES<br>PID | 0.0ppm  |                                                                                   |                                                                                    | MADE GROUND. Dark brown black gravelly clsyey fine to coarse SAND. Gravel is angular fine to coarse of various lithologies including mudstone, red brick and slag.                                                    | 0.80                      |  |      |  |
|                                                                   |     |           |         |                                                                                   |                                                                                    |                                                                                                                                                                                                                       | (1.20)                    |                                                                                      |      |  |
|                                                                   |     |           |         |                                                                                   |                                                                                    |                                                                                                                                                                                                                       |                           |                                                                                      | 2.00 |  |
| Trial pit terminated at 2.0m bgl due to significant ground water. |     |           |         |                                                                                   |                                                                                    |                                                                                                                                                                                                                       |                           |                                                                                      |      |  |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 1.80m depth.

|                                 |                                             |                                   |                                                                                                   |
|---------------------------------|---------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                                   | Scale: <b>1:25</b>                                                                                |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Kieran Bancroft</b> | Checked By:  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP324</b> |
| Contract Ref: <b>315531</b>           | Start: <b>23.08.24</b><br>End: <b>23.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277573.0 N:186424.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests                                          |     |           |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                 | Depth (Thickness) | Material Graphic Legend |
|--------------------------------------------------------------------|-----|-----------|---------|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                                                              | No  | Type      | Results |       |                            |                                                                                                                                                                                                       |                   |                         |
| 0.90<br>0.90                                                       | ES1 | ES<br>PID | 0.0ppm  |       |                            | MADE GROUND. Dark brown sandy silt angular fine to coarse GRAVEL of various lithologies including limestone, metal and slag. Sand is fine to coarse.<br>... Compacted layer of slag at 0.15m bgl.     | (1.10)<br>1.10    |                         |
| 1.60<br>1.60                                                       | ES2 | ES<br>PID | 0.0ppm  |       |                            | MADE GROUND. Dark brown sandy clayey angular fine to coarse GRAVEL of various lithologies including red brick, metal and slag with pockets of pale orangish brown silty clay. Sand is fine to coarse. | (1.10)<br>2.20    |                         |
| Trial pit terminated at 2.20m bgl due to significant ground water. |     |           |         |       |                            |                                                                                                                                                                                                       |                   |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 1.80m depth.

|                                 |                                             |                                   |                                                                                                   |
|---------------------------------|---------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                                   | Scale: <b>1:25</b>                                                                                |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Kieran Bancroft</b> | Checked By:  |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP325</b> |
| Contract Ref: <b>315531</b>           | Start: <b>30.07.24</b><br>End: <b>30.07.24</b> | Ground Level: <b>16.35</b> | National Grid Co-ordinate: <b>E:277025.0 N:186702.6</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                       | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                             |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Grey and brown clayey GRAVEL of angular to subangular fine to coarse slag.                                                                                     | (1.50)            |                         |
| 2.00                      | 1  | B    |         |       |                            | MADE GROUND: Grey sandy angular to subangular fine to coarse GRAVEL of slag with high cobble content of subangular slag.                                                    | (1.20)            |                         |
| 2.00                      | 2  | ES   |         |       |                            |                                                                                                                                                                             |                   |                         |
| 2.70-3.30                 | 2  | B    |         |       |                            | MADE GROUND: Dark grey green slightly gravelly CLAY with a strong salty odour. Gravel is subangular to subrounded fine to coarse petrified wood, rare brick, slag and tile. | 2.70              |                         |
| 3.00                      | 3  | ES   |         |       |                            |                                                                                                                                                                             | (0.60)            |                         |
|                           |    |      |         |       |                            | Terminated at 3.30mbgl                                                                                                                                                      | 3.30              |                         |

## General Remarks

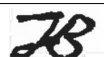
1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 3.3m

|                                 |                                             |                             |                                                                                                              |
|---------------------------------|---------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                             | Scale: <b>1:25</b>                                                                                           |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  <b>AGS</b> |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP326</b> |
| Contract Ref: <b>315531</b>           | Start: <b>30.07.24</b><br>End: <b>30.07.24</b> | Ground Level: <b>15.93</b> | National Grid Co-ordinate: <b>E:277040.9 N:186673.1</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |        |         |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                | Depth (Thickness) | Material Graphic Legend |
|---------------------------|--------|---------|---------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No     | Type    | Results |       |                            |                                                                                                                                                                      |                   |                         |
| 0.00-1.00                 | 1      | B       |         |       |                            | MADE GROUND. Dark brown clayey fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of slag and metal. Moderate cobble content of subangular slag. |                   |                         |
| 0.70-1.00                 | 1<br>2 | ES<br>B |         |       |                            |                                                                                                                                                                      |                   |                         |
| 1.70                      | 2      | ES      |         |       |                            |                                                                                                                                                                      | (3.10)            |                         |
| 2.00-2.60                 | 3      | B       |         |       |                            |                                                                                                                                                                      |                   |                         |
| 3.00                      | 3      | ES      |         |       |                            |                                                                                                                                                                      | 3.10              |                         |
|                           |        |         |         |       |                            | Terminated at 3.10mbgl.                                                                                                                                              |                   |                         |

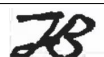
| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

GINT LIBRARY\_V10\_01.GLB LibVersion: v8\_07\_001 PrVersion: v8\_07 | Log TRIAL PIT LOG - NO PLAN - A4P | 315531 PORT TALBOT GPJ - v10\_01.  
 RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 31/01/25 - 15:57 | JB17 |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP327</b> |
| Contract Ref: <b>315531</b>           | Start: <b>30.07.24</b><br>End: <b>30.07.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277060.0 N:186656.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                             | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                   |                   |                         |
| 0.00-0.70                 | 1  | B    |         |       |                            | MADE GROUND. Brown very gravelly CLAY. Gravel is angular to subangular metal, slag and rare brick.                                                                |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | . . . Cobbles of scrap metal sheeting on western face.                                                                                                            | (2.00)            |                         |
| 1.30                      | 2  | ES   |         |       |                            | . . . Dark brown and slightly gravelly below 1.2m                                                                                                                 |                   |                         |
| 1.30-1.50                 | 2  | B    |         |       |                            |                                                                                                                                                                   | 2.00              |                         |
| 2.50-2.60                 | 3  | B    |         |       |                            | MADE GROUND. Dark grey gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse slag, metal, clinker and brick. Slight ash content. (Fill) |                   |                         |
| 2.50                      | 3  | ES   |         |       |                            | . . . Layer of compressed slag.                                                                                                                                   | (1.40)            |                         |
| 2.60-2.70                 | 4  | B    |         |       |                            |                                                                                                                                                                   |                   |                         |
| 3.40                      | 4  | ES   |         |       |                            | Terminated at 3.40mbgl.                                                                                                                                           | 3.40              |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

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 RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 31/01/25 - 15:58 | JB17 |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP331</b> |
| Contract Ref: <b>315531</b>           | Start: <b>12.09.24</b><br>End: <b>12.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277936.0 N:185973.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                        | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                              |                   |                         |
| 1.00-1.30                 | 1  | B    |         |       |                            | MADE GROUND: Dark grey sandy angular fine to coarse GRAVEL of slag and rare yellow brick. Sand is fine to coarse.                                                                                                            | (0.30)            |                         |
|                           |    |      |         |       |                            |                                                                                                                                                                                                                              | 0.30              |                         |
|                           |    |      |         |       |                            | MADE GROUND: Grey angular coarse GRAVEL of limestone and mudstone, rare slag (Reworked ballast)                                                                                                                              | 0.50              |                         |
|                           |    |      |         |       |                            | MADE GROUND . Greyish brown gravelly angular COBBLES of slag with sandstone, rare brick and metal objects. Gravels are angular to subangular fine to coarse of slag. Low angular boulder content of sag (upto 0.3x0.3x0.15m) | (0.80)            |                         |
|                           |    |      |         |       |                            |                                                                                                                                                                                                                              | 1.30              |                         |
|                           |    |      |         |       |                            | Yellow brown fine to coarse SAND. (BLOWN SAND).                                                                                                                                                                              | (1.30)            |                         |
|                           |    |      |         |       |                            |                                                                                                                                                                                                                              | 2.60              |                         |
|                           |    |      |         |       |                            | Terminated at 2.6mbgl                                                                                                                                                                                                        |                   |                         |

| General Remarks                                                                                       |                                             |                                   |                    |                                                                                       |  |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|--------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater not encountered. |                                             |                                   |                    |                                                                                       |  |
| All dimensions in metres                                                                              |                                             |                                   | Scale: <b>1:25</b> |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                       | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By:        |  |  |

|                             |                        |                   |                              |               |  |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|--|
| Contract:                   |                        | Client:           |                              | Trial Pit:    |  |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>TP332</b>  |  |
| Contract Ref:               | Start: <b>04.09.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |  |
| <b>315531</b>               | End: <b>04.09.24</b>   | <b>---</b>        | <b>E:277377.0 N:187068.0</b> | <b>1 of 1</b> |  |

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1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater not encountered.

Scale:

1:25

## Machine dug

## 13 Ton Tracked Excavator

**Jagan Raj**



# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP333</b> |
| Contract Ref: <b>315531</b>           | Start: <b>04.09.24</b><br>End: <b>04.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277385.0 N:187031.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                        | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                              |                   |                         |
| 0.10                      | 1  | ES   |         |       |                            | MADE GROUND: Grey angular to subangular medium to coarse GRAVEL of slag. Hardstanding.                                                                                                                                       | 0.05              |                         |
| 0.30                      | 2  | ES   |         |       |                            | MADE GROUND: Brownish grey sandy clayey GRAVEL of angular to subangular fine to coarse slag, rare metal and rare brick. Sand is fine to coarse.                                                                              | 0.25              |                         |
|                           |    |      |         |       |                            | MADE GROUND: Pale greyish brown slightly sandy clayey GRAVEL and COBBLES. Gravel is angular to subangular fine to coarse slag. Cobbles are angular to subangular slag.<br>... Slag is dark grey between 0.40m and 0.60m bgl. | (1.15)            |                         |
| 1.20                      | 3  | ES   |         |       |                            |                                                                                                                                                                                                                              | 1.40              |                         |
|                           |    |      |         |       |                            | Terminated due to unknown concrete obstruction at 1.40m bgl. No groundwater encountered. Backfilled with arisings on completion.                                                                                             |                   |                         |

| General Remarks                                                                                      |                                             |                             |                    |                                                                                       |  |
|------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|--------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. No groundwater encountered. |                                             |                             |                    |                                                                                       |  |
| All dimensions in metres                                                                             |                                             |                             | Scale: <b>1:25</b> |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                      | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:        |  |  |

|                             |                        |                   |                              |               |  |
|-----------------------------|------------------------|-------------------|------------------------------|---------------|--|
| Contract:                   |                        | Client:           |                              | Trial Pit:    |  |
| <b>EAF Meltshop Project</b> |                        | <b>TATA Steel</b> |                              | <b>TP334</b>  |  |
| Contract Ref:               | Start: <b>04.09.24</b> | Ground Level:     | National Grid Co-ordinate:   | Sheet:        |  |
| <b>315531</b>               | End: <b>04.09.24</b>   | <b>---</b>        | <b>E:277423.0 N:187008.0</b> | <b>1 of 1</b> |  |

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1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. No groundwater encountered.

|              |                    |             |                                 |            |                  |             |                                                                                       |
|--------------|--------------------|-------------|---------------------------------|------------|------------------|-------------|---------------------------------------------------------------------------------------|
| Method Used: | <b>Machine dug</b> | Plant Used: | <b>13 Ton Tracked Excavator</b> | Logged By: | <b>Jagan Raj</b> | Checked By: |  |
|--------------|--------------------|-------------|---------------------------------|------------|------------------|-------------|---------------------------------------------------------------------------------------|

# TRIAL PIT LOG

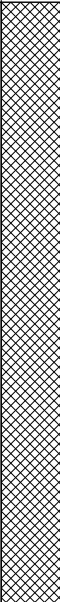
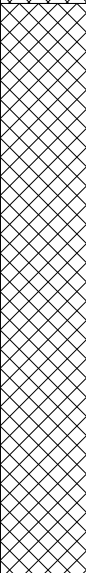
|                                       |                                                |                          |                                                         |  |                                           |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP334 (South slab yard)</b> |
| Contract Ref: <b>315531</b>           | Start: <b>12.09.24</b><br>End: <b>12.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277784.0 N:186066.0</b> |  | Sheet: <b>1 of 1</b>                      |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                          | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                |                   |                         |
| 1.00-1.20                 | 1  | B    |         |       |                            | MADE GROUND: Greyish brown sandy angular GRAVELS AND COBBLES of slag with rare brick and mudstone.<br><br>... High angular boulder content of slag (upto 0.4m) | (2.30)            |                         |
| 2.00-2.10                 | 2  | B    |         |       |                            |                                                                                                                                                                | 2.30              |                         |
|                           |    |      |         |       |                            | Terminated at 2.3mbgl                                                                                                                                          |                   |                         |

| General Remarks                                                                                                 |                                             |                                   |             |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|-------------|---------------------------------------------------------------------------------------|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 2.2m depth. |                                             |                                   |             |                                                                                       |
| All dimensions in metres                                                                                        |                                             |                                   | Scale:      | <b>1:25</b>                                                                           |
| Method Used: <b>Machine dug</b>                                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By: |  |

GINT\_LIBRARY\_V10\_01.GLB LibVersion: v8.07\_001 PrjVersion: v8.07 | Log TRIAL PIT LOG - NO PLAN - A4P | 315531 PORT TALBOT GPJ - v10\_01.  
RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 31/01/25 - 15:58 | JB17 |

|                             |  |                      |                   |                              |              |                      |
|-----------------------------|--|----------------------|-------------------|------------------------------|--------------|----------------------|
| Contract:                   |  |                      | Client:           |                              | Trial Pit:   |                      |
| <b>EAF Meltshop Project</b> |  |                      | <b>TATA Steel</b> |                              | <b>TP335</b> |                      |
| Contract Ref:               |  | Start:               | Ground Level:     | National Grid Co-ordinate:   |              | Sheet:               |
| <b>315531</b>               |  | End: <b>06.09.24</b> | <b>---</b>        | <b>E:277338.0 N:187159.0</b> |              | <b>1</b> of <b>1</b> |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation                                                         | Description of Strata                                                                                                                                                                                                     | Depth (Thickness) | Material Graphic Legend                                                              |
|---------------------------|----|------|---------|-------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------|
| Depth                     | No | Type | Results |       |                                                                                    |                                                                                                                                                                                                                           |                   |                                                                                      |
| 0.80                      | 1  | ES   |         |       |  | MADE GROUND: Tarmacadam Hardstanding.                                                                                                                                                                                     | 0.10              |   |
|                           |    |      |         |       |                                                                                    | MADE GROUND: Brown fine to coarse SAND and angular to subangular fine to coarse GRAVEL of red brick, slag, clinker, rebar, tile and concrete. Occasional angular cobbles of slag, concrete and red brick. (Fill Material) | (1.90)            |  |
| 1.80                      | 2  | ES   |         |       |                                                                                    | . . . Pocket of brown clay (15cm) on northern face of excavation.                                                                                                                                                         |                   |                                                                                      |
|                           |    |      |         |       |                                                                                    | . . . Pocket of yellow sand (20cm) on northern face of excavation.                                                                                                                                                        | 2.00              |                                                                                      |
|                           |    |      |         |       |                                                                                    | Groundwater encountered at 2.00m bgl. Backfilled with arisings on completion.                                                                                                                                             |                   |                                                                                      |

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 2.0m depth.

---

All dimensions in metres

Scale:

1:25

Method  
Used:

### Machine dug

Plant  
Used:

## 13 Ton Tracked Excavator

Logged  
By:

**Jagan Raj**

Checked  
By:



# TRIAL PIT LOG

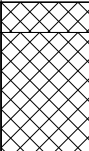
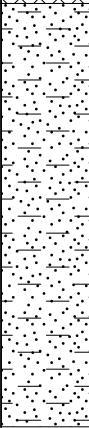
|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP336</b> |
| Contract Ref: <b>315531</b>           | Start: <b>06.09.24</b><br>End: <b>06.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277364.0 N:187269.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                             | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                                                                                   |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Dark grey to dark grey brown silty fine to coarse SAND and angular to subangular fine to coarse GRAVEL of slag. Occasional angular cobbles of slag.<br><br>... Rebar (3cm diameter) on eastern face of excavation.                                                   | (1.30)            |                         |
| 2.00                      | 2  | ES   |         |       |                            | MADE GROUND: Light brown and red sandy angular COBBLES and angular BOULDERS of red brickwork. Sand is fine to coarse. (Brick Fill)<br>... Occassional pockets of black glassy low density probable bitumen (20cm) recovered as angular coarse gravel between 1.30m and 2.70m bgl. | (1.40)            |                         |
|                           |    |      |         |       |                            | No groundwater encountered. Backfilled with arisings on completion.                                                                                                                                                                                                               | 2.70              |                         |

| General Remarks                                                                                      |                                             |                             |                    |  |                                                                                       |
|------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|--------------------|--|---------------------------------------------------------------------------------------|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. No groundwater encountered. |                                             |                             |                    |  |                                                                                       |
| All dimensions in metres                                                                             |                                             |                             | Scale: <b>1:25</b> |  |                                                                                       |
| Method Used: <b>Machine dug</b>                                                                      | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:        |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP337</b> |
| Contract Ref: <b>315531</b>           | Start: <b>08.08.24</b><br>End: <b>08.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277294.0 N:186381.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                       | Depth (Thickness)      | Material Graphic Legend                                                              |
|---------------------------|----|------|---------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                             |                        |                                                                                      |
| 0.05                      | 1  | ES   |         |       |                            | MADE GROUND: Dark brown organic fibrousCLAY with a strong organic odour. (Topsoil)<br>MADE GROUND: Greyish brown sandy GRAVEL of angular to subangular fine to coarse slag. | 0.10<br>(0.40)<br>0.50 |   |
| 1.00                      | 2  | ES   |         |       |                            | Yellowish brown clayey fine to medium SAND with rare pockets of black sandy organic clay.                                                                                   | (1.40)                 |  |
| 1.70                      | 3  | ES   |         |       |                            | Terminated due to pit instability.                                                                                                                                          | 1.90                   |                                                                                      |

## General Remarks

- 1. Position scanned with a CAT, Genny and GPR prior to excavation.
- 2. Groundwater encountered at 1.8m depth.

|                                 |                                             |                             |                                                                                                   |
|---------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                             | Scale: <b>1:25</b>                                                                                |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP341</b> |
| Contract Ref: <b>315531</b>           | Start: <b>19.08.24</b><br>End: <b>19.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277643.0 N:185816.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests                                                    |    |                                                           |                                                                             | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                       | Depth (Thickness) | Material Graphic Legend |
|------------------------------------------------------------------------------|----|-----------------------------------------------------------|-----------------------------------------------------------------------------|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                                                                        | No | Type                                                      | Results                                                                     |       |                            |                                                                                                                                                             |                   |                         |
| 0.10<br>0.10                                                                 | 1  | ES<br>PID                                                 | 0.0ppm                                                                      |       |                            | MADE GROUND: Black ashy slightly gravelly fine to coarse SAND. Gravel is angular fine to coarse of brick and slag.                                          | 0.25              |                         |
|                                                                              |    |                                                           |                                                                             |       |                            | MADE GROUND: Grey angular GRAVELS and COBBLES of slag. Low angular boulder content of slag (upto 0.50m)                                                     | (1.75)            |                         |
|                                                                              |    |                                                           |                                                                             |       |                            |                                                                                                                                                             | 2.00              |                         |
| 2.30<br>2.30<br>2.30<br>2.30<br>2.50<br>2.50<br>2.70<br>2.70<br>2.80<br>2.80 | 2  | ES<br>V<br>V<br>V<br>PID<br>V<br>V<br>V<br>V<br>ES<br>PID | $c_u=11$<br>$c_s=5$<br>0.1ppm<br>$c_u=13$<br>$c_s=4$<br>$c_u=13$<br>$c_s=2$ |       |                            | MADE GROUND: Black slightly gravelly silty CLAY. Gravel is angular fine to coarse of slag. Strong hydrocarbon odour. Medium angular cobble content of slag. | (0.80)            |                         |
|                                                                              | 3  | ES<br>PID                                                 | 0.0ppm                                                                      |       |                            | Terminated at 2.8mbgl                                                                                                                                       |                   |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 2.5m depth.

|                                 |                                             |                                   |             |                                                                                       |
|---------------------------------|---------------------------------------------|-----------------------------------|-------------|---------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                                   |             | Scale: <b>1:25</b>                                                                    |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By: |  |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP342</b> |
| Contract Ref: <b>315531</b>           | Start: <b>31.07.24</b><br>End: <b>01.08.24</b> | Ground Level: <b>17.41</b> | National Grid Co-ordinate: <b>E:276932.1 N:186650.9</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                         | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                               |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Grey brown clayey fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of slag.                                                                                                | (0.30)            |                         |
|                           |    |      |         |       |                            | MADE GROUND: Dark brown slightly sandy very gravelly CLAY. Gravel is subangular to subrounded fine to coarse slag. Sand is fine to coarse.<br><br>... Layer of compressed slag.<br><br>... Dark grey below 1m | 0.30              |                         |
| 1.50                      | 2  | ES   |         |       |                            | ... Layer of compressed slag.                                                                                                                                                                                 | (3.00)            |                         |
| 2.50                      | 3  | ES   |         |       |                            | ... Becoming dark grey with depth.                                                                                                                                                                            |                   |                         |
| 3.00-3.30                 | 4  | ES   |         |       |                            |                                                                                                                                                                                                               | 3.30              |                         |
| Terminated at 3.30mbgl.   |    |      |         |       |                            |                                                                                                                                                                                                               |                   |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.

|                                 |                                             |                             |                                                                                                              |
|---------------------------------|---------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                             | Scale: <b>1:25</b>                                                                                           |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  <b>AGS</b> |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP343</b> |
| Contract Ref: <b>315531</b>           | Start: <b>01.08.24</b><br>End: <b>01.08.24</b> | Ground Level: <b>17.52</b> | National Grid Co-ordinate: <b>E:276993.0 N:186734.8</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                              | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                                    |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Dark grey brown clayey sandy GRAVEL of subangular to subrounded fine to coarse slag, metal and rare wood. Sand is fine to coarse and occasionally metallic.<br><br>... Brown clayey band.<br><br>... Slow excavation. | (1.00)            |                         |
| 1.50                      | 2  | ES   |         |       |                            | MADE GROUND: Brown clayey fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of slag. High cobble content of angular to subangular slag.<br><br>... Slow excavation.                                           | (2.20)            |                         |
| 2.50                      | 3  | ES   |         |       |                            |                                                                                                                                                                                                                                    |                   |                         |
| 3.00-3.20                 | 4  | ES   |         |       |                            |                                                                                                                                                                                                                                    | 3.20              |                         |
|                           |    |      |         |       |                            | Terminated at 3.20mbgl.                                                                                                                                                                                                            |                   |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale:                                                                                            | <b>1:25</b>                                                                           |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP344</b> |
| Contract Ref: <b>315531</b>           | Start: <b>01.08.24</b><br>End: <b>01.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:276860.0 N:186631.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                              | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                                                                    |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Grey brown slightly sandy clayey angular to subangular fine to coarse GRAVEL of slag and rare metal. Sand is fine to coarse.<br>... Band of yellow brown SAND.<br>... Grey.<br><br>... Dark grey brown below 0.7m<br><br>... Slow excavation below 1m | (2.00)            |                         |
| 1.50                      | 2  | ES   |         |       |                            |                                                                                                                                                                                                                                                                    | 2.00              |                         |
| 2.50                      | 3  | ES   |         |       |                            | MADE GROUND: Dark brown clayey fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of slag.<br><br>... Cobble of angular metal plating (<70cm) recovered at 3m                                                                                  | (1.30)            |                         |
|                           |    |      |         |       |                            | Terminated at 3.30mbgl.                                                                                                                                                                                                                                            | 3.30              |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP345</b> |
| Contract Ref: <b>315531</b>           | Start: <b>31.07.24</b><br>End: <b>31.07.24</b> | Ground Level: <b>17.21</b> | National Grid Co-ordinate: <b>E:276855.0 N:186568.1</b> |  | Sheet: <b>1 of 1</b>    |

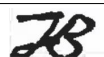
| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                                          | Depth (Thick ness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                                                                                                |                    |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Grey clayey GRAVEL of fine to coarse slag.                                                                                                                                                                                                                                        | (0.40)<br>0.40     |                         |
|                           |    |      |         |       |                            | MADE GROUND: Dark grey brown clayey angular to subangular fine to coarse GRAVEL and angular to subangular COBBLES of slag, and brick. (Brick fill)<br><br>... Two disused red cables on eastern face of excavation.<br><br>... Boulder of subangular slag on southern face of excavation (1m). | (1.20)<br>1.60     |                         |
| 1.50                      | 2  | ES   |         |       |                            | CONCRETE. Recovered as sandy gravelly cobbles with rebar (3cm).                                                                                                                                                                                                                                | (0.40)<br>2.00     |                         |
| 2.70-3.20                 | 1  | B    |         |       |                            | MADE GROUND: Grey brown sandy angular to subangular fine to coarse GRAVEL and angular COBBLES of slag.                                                                                                                                                                                         | (1.20)             |                         |
| 3.00                      | 3  | ES   |         |       |                            | Terminated at 3.20mbgl.                                                                                                                                                                                                                                                                        | 3.20               |                         |

| General Remarks                                                                                                                                                     |                                             |                             |                                                                                                   |                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Pit extended to the north to avoid boulder of slag at 1.2m on southern face of excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                                                                                                                            |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                                                                                     | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP346</b> |
| Contract Ref: <b>315531</b>           | Start: <b>05.08.24</b><br>End: <b>05.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:276744.0 N:186640.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |        |         |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                          | Depth (Thickness) | Material Graphic Legend |
|---------------------------|--------|---------|---------|-------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No     | Type    | Results |       |                            |                                                                                                                                |                   |                         |
| 0.50                      | 1      | ES      |         |       |                            | MADE GROUND: Dark grey brown fine to coarse SAND and angular to subangular fine to coarse GRAVEL of slag, clinker, rare metal. |                   |                         |
| 2.00-3.00<br>2.00         | 1<br>2 | B<br>ES |         |       |                            | . . . More gravelly below 1.5m<br><br>. . . Moderate cobble content of angular to subangular slag.                             | (3.20)            |                         |
| 3.00                      | 3      | ES      |         |       |                            | Terminated at 3.20mbgl.                                                                                                        | 3.20              |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

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# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP350</b> |
| Contract Ref: <b>315531</b>           | Start: <b>05.09.24</b><br>End: <b>05.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277515.0 N:186892.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                         | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                               |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: dDark brownish grey sandy clayey angular to subangular fine to coarse GRAVEL of slag. Sand is find to coarse. Hardstanding.                      | 0.05              |                         |
|                           |    |      |         |       |                            | MADE GROUND: Grey, brownish grey and brown sandy clayey angular to subangular fine to coarse GRAVEL of slag. Sand is fine to coarse.                          | (0.75)            |                         |
|                           |    |      |         |       |                            | ... Recovered as grey sandy angular COBBLES and angular BOULDERS of slag. Sand is fine to coarse.                                                             | 0.80              |                         |
| 1.50                      | 2  | ES   |         |       |                            | MADE GROUND: Compressed slag. Recovered as blueish grey angular COBBLES and angular BOULDERS of slag.                                                         | (0.40)            |                         |
|                           |    |      |         |       |                            | MADE GROUND: Dark grey fine to coarse SAND and angular to subangular fine to coarse GRAVEL of slag.                                                           | 1.20              |                         |
|                           |    |      |         |       |                            | MADE GROUND: Light brown slightly sandy clayey angular to subangular fine to coarse GRAVEL and angular to subangular COBBLES of slag. Sand is fine to coarse. | (0.50)            |                         |
| 2.50                      | 3  | ES   |         |       |                            | MADE GROUND: Cream and grey angular to subangular sandy COBBLES and angular to subangular BOULDERS of slag. Sand is fine to coarse.                           | 1.70              |                         |
|                           |    |      |         |       |                            |                                                                                                                                                               | 1.90              |                         |
|                           |    |      |         |       |                            |                                                                                                                                                               | (0.70)            |                         |
|                           |    |      |         |       |                            | No groundwater encountered. Backfilled with arisings on completion.                                                                                           | 2.60              |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. No groundwater encountered.

|                                 |                                             |                             |                                                                                                   |
|---------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                             | Scale: <b>1:25</b>                                                                                |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP357</b> |
| Contract Ref: <b>315531</b>           | Start: <b>05.09.24</b><br>End: <b>05.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277458.0 N:186912.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests                                           |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                                                                                                                      | Depth (Thickness) | Material Graphic Legend |
|---------------------------------------------------------------------|----|------|---------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                                                               | No | Type | Results |       |                            |                                                                                                                                                                                                                                                                                                                                                                            |                   |                         |
| 0.05                                                                | 1  | ES   |         |       |                            | MADE GROUND: Brown and grey sandy clayey angular to subangular fine to coarse GRAVEL of slag. Sand is fine to coarse. Hardstanding.<br>MADE GROUND: Brown, greyish brown and grey clayey fine to coarse SAND and angular to subangular fine to coarse GRAVEL of slag.<br>... Frequent cobbles of angular to subangular slag below 0.50m bgl.<br>... brown below 0.60m bgl. | 0.05              |                         |
| 1.00                                                                | 2  | ES   |         |       |                            | ... Grey below 1.0m bgl.<br>... Occasional angular coarse gravel of scrap metal below 1.10m bgl.<br>... Angular boulder of steel recovered at 1.40m bgl.                                                                                                                                                                                                                   | (2.45)            |                         |
| 2.20                                                                | 3  | ES   |         |       |                            | ... Pocket of grey CLAY on eastern face of excavation between 1.70m and 1.80m bgl.<br>... Frequent cobbles and boulders of angular concrete below 2.10m bgl.                                                                                                                                                                                                               | 2.50              |                         |
| No groundwater encountered. Backfilled with arisings on completion. |    |      |         |       |                            |                                                                                                                                                                                                                                                                                                                                                                            |                   |                         |

| General Remarks                                                                                      |                                             |                             |                    |  |                                                                                       |
|------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|--------------------|--|---------------------------------------------------------------------------------------|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. No groundwater encountered. |                                             |                             |                    |  |                                                                                       |
| All dimensions in metres                                                                             |                                             |                             | Scale: <b>1:25</b> |  |                                                                                       |
| Method Used: <b>Machine dug</b>                                                                      | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:        |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP365</b> |
| Contract Ref: <b>315531</b>           | Start: <b>03.10.24</b><br>End: <b>03.10.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277707.0 N:186312.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                           | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                 |                   |                         |
| 0.30-0.60                 | 1  | B    |         |       |                            | MADE GROUND: Dark grey to grey sandy angular coarse GRAVEL of slag. Low angular cobble content of slag. Sand is fine to coarse. | (1.20)<br>1.20    |                         |
| 1.50-1.60                 | 2  | B    |         |       |                            | MADE GROUND: Dark brownish grey sandy angular fine to coarse GRAVEL of limestone, mudstone and slag. Rare fragments of metal.   | (1.00)<br>2.20    |                         |
|                           |    |      |         |       |                            | Yellow brown fine to coarse SAND. (BLOWN SAND)                                                                                  | 2.30              |                         |
|                           |    |      |         |       |                            | Terminated at 2.3mbgl                                                                                                           |                   |                         |

| General Remarks                                                                                                 |                                             |                                   |             |                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|-------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 2.2m depth. |                                             |                                   |             |                                                                                       |  |
| All dimensions in metres                                                                                        |                                             |                                   | Scale:      | <b>1:25</b>                                                                           |  |
| Method Used: <b>Machine dug</b>                                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By: |  |  |

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# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP366</b> |
| Contract Ref: <b>315531</b>           | Start: <b>03.10.24</b><br>End: <b>03.10.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277607.0 N:186395.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                             | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                   |                   |                         |
| 0.50-0.80                 | 1  | B    |         |       |                            | MADE GROUND:Dark grey to grey slightly sandy angular fine to coarse GRAVEL of slag and brick with rare clinker and tile. Medium angular cobble content. Low angular boulder content (upto 0.25m). | (1.20)            |                         |
|                           |    |      |         |       |                            | MADE GROUND:Yellow brown slightly gravelly fine to coarse SAND. Frequent cobble size inclusions of stiff brown clay. Gravel is angular fine to coarse of slag.                                    | (1.20)            |                         |
|                           |    |      |         |       |                            | ... Possible obstruction at 2.40mbgl<br>Terminated at 2.4mbgl.                                                                                                                                    | 2.40              |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 2.40m depth.

|                                 |                                             |                                   |                                                                                                   |
|---------------------------------|---------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                                   | Scale: <b>1:25</b>                                                                                |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By:  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP367</b> |
| Contract Ref: <b>315531</b>           | Start: <b>03.10.24</b><br>End: <b>03.10.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277625.0 N:186274.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                      |                   |                         |
| 1.50-2.00                 | 1  | B    |         |       |                            | MADE GROUND: Dark brownish grey sandy angular to subrounded fine to coarse GRAVEL of slag, mudstone and brick. Low angular cobble content of slag and brick. Sand is fine to coarse. | (2.40)            |                         |
|                           |    |      |         |       |                            | Trial pit terminated at 2.4mbgl                                                                                                                                                      | 2.40              |                         |

## General Remarks

- 1. Position scanned with a CAT, Genny and GPR prior to excavation.
- 2. Groundwater encountered at 2.4m depth.

|                                 |                                             |                                   |                                                                                                   |
|---------------------------------|---------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                                   | Scale: <b>1:25</b>                                                                                |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By:  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP368</b> |
| Contract Ref: <b>315531</b>           | Start: <b>03.10.24</b><br>End: <b>03.10.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277550.0 N:186350.0</b> |  | Sheet: <b>1 of 1</b>    |

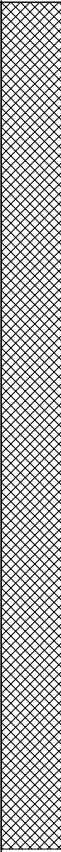
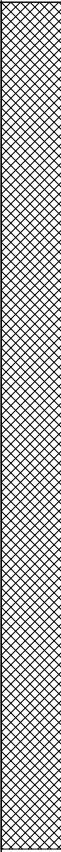
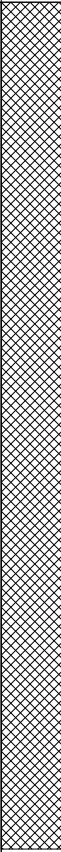
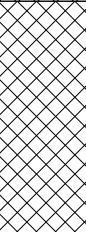
| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                   | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                         |                   |                         |
| 0.50-1.00                 | 1  | B    |         |       |                            | MADE GROUND: Grey mottled yellow brown slightly sandy angular fine to coarse GRAVEL and COBBLES of concrete and very rare slag. Sand is fine to coarse. | (1.00)            |                         |
| 1.00-1.50                 | 2  | B    |         |       |                            | MADE GROUND: Black slightly ashy angular fine to coarse GRAVEL of mudstone and coal.                                                                    | (1.50)            |                         |
|                           |    |      |         |       |                            | Terminated at 2.5mbgl                                                                                                                                   | 2.50              |                         |

| General Remarks                                                                                                 |                                             |                                   |             |                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|-------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 2.5m depth. |                                             |                                   |             |                                                                                       |  |
| All dimensions in metres                                                                                        |                                             |                                   | Scale:      | <b>1:25</b>                                                                           |  |
| Method Used: <b>Machine dug</b>                                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By: |  |  |

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# TRIAL PIT LOG

|                                       |                                                |                           |                                                         |                         |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                | Client: <b>TATA Steel</b> |                                                         | Trial Pit: <b>TP371</b> |
| Contract Ref: <b>315531</b>           | Start: <b>09.08.24</b><br>End: <b>09.08.24</b> | Ground Level: <b>---</b>  | National Grid Co-ordinate: <b>E:277650.0 N:185927.0</b> | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instru-<br>mentation                                                    | Description of Strata                                                                                                                                                                        | Depth<br>(Thick-<br>ness) | Material<br>Graphic<br>Legend                                                        |
|---------------------------|----|------|---------|-------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------|
| Depth                     | No | Type | Results |       |                                                                                    |                                                                                                                                                                                              |                           |                                                                                      |
| 0.50                      | 1  | ES   |         |       |  | MADE GROUND: Grey sandy GRAVEL and COBBLES. Gravel is angular to subangular fine to coarse slag. Cobbles are angular to subangular slag.                                                     | (0.30)<br>0.30            |   |
|                           |    |      |         |       |                                                                                    | MADE GROUND: Grey sandy GRAVEL of angular to subangular fine to coarse slag with a slight hydrocarbon odour. Sand is fine to coarse.<br><br>... Geotextile membrane encountered at 0.6m bgl. | (0.50)<br>0.80            |                                                                                      |
| 1.00-1.20                 | 2  | ES   |         |       |  | MADE GROUND: Layer of compressed slag. Recovered as greyish brown angular to subangular fine to coarse GRAVEL and angular cobbles of slag.                                                   | 1.00                      |   |
|                           |    |      |         |       |                                                                                    | MADE GROUND: Dark grey fine to coarse SAND and angular to subangular fine to coarse GRAVEL of slag, rare brick, clinker, metal and wood.                                                     | 1.20                      |                                                                                      |
| 2.00                      | 3  | ES   |         |       |  | MADE GROUND: Greyish brown clayey COBBLES of angular to subangular slag.                                                                                                                     | (0.80)<br>2.00            |  |
|                           |    |      |         |       |                                                                                    | Yellowish brown clayey fine to medium SAND. (BLOWN SAND)                                                                                                                                     | (0.80)<br>2.80            |                                                                                      |
|                           |    |      |         |       |                                                                                    | No groundwater encountered.Terminated due to pit instability and backfilled with arisings on completion.                                                                                     |                           |                                                                                      |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Difficult to dig at 0.8m and 1.2m, breaker required.

|                                 |                                             |                             |             |                                                                                       |
|---------------------------------|---------------------------------------------|-----------------------------|-------------|---------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                             |             | Scale: <b>1:25</b>                                                                    |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By: |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP372</b> |
| Contract Ref: <b>315531</b>           | Start: <b>20.08.24</b><br>End: <b>20.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277681.0 N:185883.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |           |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                                | Depth (Thickness)              | Material Graphic Legend |
|---------------------------|----|-----------|---------|-------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------|
| Depth                     | No | Type      | Results |       |                            |                                                                                                                                                                                                                                                                                      |                                |                         |
| 0.10<br>0.10              | 1  | ES<br>PID | 0.0ppm  |       |                            | MADE GROUND: Moss over black ashy fine to coarse SAND.<br>MADE GROUND: Black slightly sandy silty angular fine to coarse GRAVEL of slag. Sand is fine to coarse.<br>MADE GROUND: Grey angular GRAVELS AND COBBLES of limestone, slag , full bricks, aggregate. Rare metal fragments. | 0.05<br>0.20<br>(0.55)<br>0.75 |                         |
| 0.75<br>0.75              | 2  | ES<br>PID | 0.0ppm  |       |                            | MADE GROUND: Brown gravelly fine to coarse SAND. Gravel is angular fine to coarse of slag.                                                                                                                                                                                           | (0.85)<br>1.60                 |                         |
| 1.60<br>1.60              | 3  | ES<br>PID | 0.0ppm  |       |                            | Yellow brown fine to coarse SAND. (BLOWN SAND).                                                                                                                                                                                                                                      | (1.10)<br>2.70                 |                         |

| General Remarks                                                                                      |                                             |                                   |                    |                                                                                       |  |
|------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|--------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. No groundwater encountered. |                                             |                                   |                    |                                                                                       |  |
| All dimensions in metres                                                                             |                                             |                                   | Scale: <b>1:25</b> |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                      | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By:        |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP374</b> |
| Contract Ref: <b>315531</b>           | Start: <b>19.08.24</b><br>End: <b>19.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277582.0 N:185765.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests    |    |                     |                                                             | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                           | Depth (Thickness) | Material Graphic Legend |
|------------------------------|----|---------------------|-------------------------------------------------------------|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                        | No | Type                | Results                                                     |       |                            |                                                                                                                                                                                                 |                   |                         |
| 0.30<br>0.30                 | 1  | ES<br>PID           | 0.0ppm                                                      |       |                            | MADE GROUND: Black slightly ashy slightly gravelly fine to coarse SAND. Gravel is angular fine to coarse of slag. Rare fragments of textile.<br><br>... Becomes black and brown at 0.3mbgl.     | (0.50)<br>0.50    |                         |
|                              |    |                     |                                                             |       |                            | MADE GROUND: Grey angular GRAVEL and COBBLES with medium boulder content (upto 0.40m long).                                                                                                     | (0.90)<br>1.40    |                         |
| 1.40<br>1.40<br>1.40<br>1.40 | 2  | ES<br>V<br>V<br>PID | c <sub>v</sub> =29/13/17<br>c <sub>s</sub> =7/7/5<br>0.4ppm |       |                            | MADE GROUND: Black mottled yellow brown slightly gravelly silty CLAY. Gravel is angular fine to coarse of slag, mudstone, coal. Strong hydrocarbon odour.<br><br>... Rotten egg odour approx 2m | (1.50)<br>2.90    |                         |
|                              |    |                     |                                                             |       |                            | Terminated at 2.9mbgl                                                                                                                                                                           |                   |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater not encountered.

|                                 |                                             |                                   |                                                                                                   |
|---------------------------------|---------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                                   | Scale: <b>1:25</b>                                                                                |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By:  |

# TRIAL PIT LOG

|                                       |                                                |                           |                                                         |                         |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                | Client: <b>TATA Steel</b> |                                                         | Trial Pit: <b>TP375</b> |
| Contract Ref: <b>315531</b>           | Start: <b>19.08.24</b><br>End: <b>19.08.24</b> | Ground Level: <b>---</b>  | National Grid Co-ordinate: <b>E:277554.0 N:185784.0</b> | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests    |    |                     |                                                               | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                           | Depth (Thickness) | Material Graphic Legend |
|------------------------------|----|---------------------|---------------------------------------------------------------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                        | No | Type                | Results                                                       |       |                            |                                                                                                                                                                                                                 |                   |                         |
| 0.50<br>0.50                 | 1  | ES<br>PID           | 0.1ppm                                                        |       |                            | MADE GROUND Grass over black slightly ashy gravelly fine to coarse SAND. Gravel is angular fine to coarse of brick and slag. Medium angular cobble content of slag. . . . Frequent rootlets between 0.0-0.5mbgl | (0.90)            |                         |
|                              |    |                     |                                                               |       |                            | MADE GROUND: Grey angular GRAVELS and COBBLES of slag.                                                                                                                                                          | 0.90<br>(0.70)    |                         |
| 1.60<br>1.60<br>1.60<br>1.60 | 2  | ES<br>V<br>V<br>PID | c <sub>u</sub> =26/34/34<br>c <sub>s</sub> =5/34/30<br>0.3ppm |       |                            | MADEGROUND- black mottled orange/yellow brown slightly gravelly silty CLAY. Gravel is angular coarse of clinker and slag. Hydrocarbon odour noted.                                                              | 1.60<br>(1.50)    |                         |
|                              |    |                     |                                                               |       |                            | Terminated at 3.1mbgl                                                                                                                                                                                           | 3.10              |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 3.0m depth.

All dimensions in metres

Scale:

**1:25**Method  
Used:**Machine dug**Plant  
Used:**13 Ton Tracked  
Excavator**Logged  
By:**Rachael Lockyer**Checked  
By:

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP376</b> |
| Contract Ref: <b>315531</b>           | Start: <b>19.08.24</b><br>End: <b>19.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277574.0 N:185849.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests    |    |                     |                                                                | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                     | Depth (Thickness) | Material Graphic Legend |
|------------------------------|----|---------------------|----------------------------------------------------------------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                        | No | Type                | Results                                                        |       |                            |                                                                                                                                                                           |                   |                         |
| 0.25<br>0.25                 | 1  | ES<br>PID           | 0.0ppm                                                         |       |                            | MADE GROUND Grass over black slightly ashy slightly gravelly fine to coarse SAND. Gravel is angular fine to coarse of brick and slag. Large metal sign found at 0.10mbgl. | (0.50)<br>0.50    |                         |
|                              |    |                     |                                                                |       |                            | MADE GROUND Grey COBBLES of slag. Medium boulder content (upto 0.5m long) . Strong hydrocarbon odour.                                                                     | (1.50)<br>2.00    |                         |
| 2.00<br>2.00<br>2.00<br>2.00 | 2  | ES<br>V<br>V<br>PID | c <sub>c</sub> =72/40/50<br>c <sub>i</sub> =50/20/40<br>0.1ppm |       |                            | MADE GROUND Black mottled yellow brown slightly gravelly silty CLAY. Hydrocarbon odour. Gravel is angular fine to coarse of slag.                                         | (0.60)<br>2.60    |                         |
|                              |    |                     |                                                                |       |                            | Terminated at 2.6mbgl due to refusal on hard stratum.                                                                                                                     |                   |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 2.6m depth.

|                                 |                                             |                                   |                                                                                                   |
|---------------------------------|---------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                                   | Scale: <b>1:25</b>                                                                                |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Rachael Lockyer</b> | Checked By:  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP381</b> |
| Contract Ref: <b>315531</b>           | Start: <b>06.08.24</b><br>End: <b>06.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277118.0 N:186677.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                       | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                             |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | CONCRETE. Recovered as white angular gravel and cobbles with very common 1mm wide translucent plastic rectangular strips within the matrix. | (0.30)            |                         |
|                           |    |      |         |       |                            | MADE GROUND: Grey brown very gravelly CLAY. Gravel is subangular to subrounded fine to coarse slag.                                         | 0.30              |                         |
| 1.70                      | 2  | ES   |         |       |                            | ... Light brown sandy band.                                                                                                                 | (1.80)            |                         |
|                           |    |      |         |       |                            | ... Slightly gravelly and sandy.                                                                                                            | 2.10              |                         |
| 2.50                      | 3  | ES   |         |       |                            | MADE GROUND: Dark grey slightly sandy silty CLAY with moderate ash content.                                                                 | (0.70)            |                         |
|                           |    |      |         |       |                            | Terminated at 2.80mbgl.                                                                                                                     | 2.80              |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale:                                                                                            | <b>1:25</b>                                                                           |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP383</b> |
| Contract Ref: <b>315531</b>           | Start: <b>05.08.24</b><br>End: <b>05.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277092.0 N:186650.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                 | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                       |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Grey brown and light brown clayey GRAVEL of subangular to subrounded fine to coarse slag.<br><br>... Tyre on eastern face of excavation. | (1.10)            |                         |
| 1.20                      | 2  | ES   |         |       |                            | Dark grey mottled green grey silty CLAY with rare gravel of subangular to subrounded fine to coarse wood. (Probable Made Ground)                      | (0.50)            |                         |
|                           |    |      |         |       |                            | Terminated due to groundwater.                                                                                                                        |                   |                         |

| General Remarks                                                                                                 |                                             |                             |                                                                                                   |                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 1.1m depth. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                                                                        |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

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 RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 31/01/25 - 15:58 | JB17 |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP384</b> |
| Contract Ref: <b>315531</b>           | Start: <b>06.08.24</b><br>End: <b>06.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277092.0 N:186694.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                      | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                            |                   |                         |
| 0.20                      | 1  | ES   |         |       |                            | MADE GROUND: Grey brown and dark brown gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse slag, rare brick and wood. Sand is fine to coarse. (Topsoil) | (0.40)<br>0.40    |                         |
|                           |    |      |         |       |                            | MADE GROUND: Layer of compressed slag. Recovered as clayey angular to subangular fine to coarse gravel and angular cobbles.                                                | 0.50              |                         |
|                           |    |      |         |       |                            | MADE GROUND: Light brown clayey gravelly fine to medium SAND. Gravel is subangular to subrounded fine to coarse slag, metal.                                               | (1.10)            |                         |
| 1.50                      | 2  | ES   |         |       |                            | . . . Orange pipe (18cm diameter). Terminated due to service pipe at 1.6m bgl.                                                                                             | 1.60              |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP386</b> |
| Contract Ref: <b>315531</b>           | Start: <b>06.08.24</b><br>End: <b>06.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:277051.0 N:186751.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                   | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                         |                   |                         |
| 0.60                      | 1  | ES   |         |       |                            | MADE GROUND: Grey brown clayey fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of slag, clinker and rare metal. Moderate cobble content. Cobbles are angular to subangular slag. | (1.00)            |                         |
| 1.50                      | 2  | ES   |         |       |                            | MADE GROUND: Brown clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse slag and metal. . . . Dark grey.                                                              | (0.70)            |                         |
|                           |    |      |         |       |                            | MADE GROUND: Recovered as light brown sandy clayey COBBLES of angular to subangular slag and occasional red brick.                                                                                      | (0.50)            |                         |
| 2.70                      | 3  | ES   |         |       |                            | Yellow brown fine to medium slightly gravelly SAND. Gravel is subangular to subrounded fine to coarse weak sandstone. (BLOWN SANDS).                                                                    | (0.80)            |                         |
|                           |    |      |         |       |                            | Terminated at 3.00mbgl.                                                                                                                                                                                 | 3.00              |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. Groundwater encountered at 2.4m depth.

All dimensions in metres

Scale:

**1:25**

Method Used:

**Machine dug**

Plant Used:

**13 Ton Tracked Excavator**

Logged By:

**Jagan Raj**

Checked By:

**JB**

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP387</b> |
| Contract Ref: <b>315531</b>           | Start: <b>01.08.24</b><br>End: <b>02.08.24</b> | Ground Level: <b>17.34</b> | National Grid Co-ordinate: <b>E:276830.7 N:186578.6</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instru-mentation | Description of Strata                                                                                                                                                                                                                                                                                                                                                                       | Depth (Thick-ness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|
| Depth                     | No | Type | Results |       |                             |                                                                                                                                                                                                                                                                                                                                                                                             |                    |                         |
| 0.50                      | 1  | ES   |         |       |                             | MADE GROUND: Dark grey brown slightly sandy clayey GRAVEL of angular to subangular fine to coarse slag, occasional metal, rare red brick and wood. High cobble content of angular to subangular slag.<br><br>... Boulder of slag (80cm) recovered from eastern face of excavation.<br><br>... Old steel pipe (10cm diameter) on northeast corner of excavation running from North to South. |                    |                         |
| 1.00-1.50                 | 1  | B    |         |       |                             |                                                                                                                                                                                                                                                                                                                                                                                             | (1.90)             |                         |
| 1.50                      | 2  | ES   |         |       |                             |                                                                                                                                                                                                                                                                                                                                                                                             | 1.90               |                         |
|                           |    |      |         |       |                             | CONCRETE. Recovered as gravel and cobbles. Gravel is angular to subangular fine to coarse concrete and rebar (3cm). Cobbles are angular to subangular concrete.                                                                                                                                                                                                                             | (0.30)             |                         |
|                           |    |      |         |       |                             |                                                                                                                                                                                                                                                                                                                                                                                             | 2.20               |                         |
| 2.50-2.90                 | 3  | ES   |         |       |                             | Yellow fine to medium SAND. (BLOWN SAND) (BLOWN SAND)                                                                                                                                                                                                                                                                                                                                       | (0.70)             |                         |
|                           |    |      |         |       |                             |                                                                                                                                                                                                                                                                                                                                                                                             | 2.90               |                         |
|                           |    |      |         |       |                             | Terminated at 2.9mbgl.                                                                                                                                                                                                                                                                                                                                                                      |                    |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.

|                                 |                                             |                             |                                                                                                                                                                                         |
|---------------------------------|---------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                             | Scale: <b>1:25</b>                                                                                                                                                                      |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:   |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP388</b> |
| Contract Ref: <b>315531</b>           | Start: <b>01.08.24</b><br>End: <b>01.08.24</b> | Ground Level: <b>17.35</b> | National Grid Co-ordinate: <b>E:276869.2 N:186592.3</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |        |         |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                                                      | Depth (Thickness) | Material Graphic Legend |
|---------------------------|--------|---------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No     | Type    | Results |       |                            |                                                                                                                                                                                                                                                                                                            |                   |                         |
| 0.00-1.00                 | 1      | B       |         |       |                            | MADE GROUND: Dark grey slightly sandy clayey GRAVEL of subangular to subrounded fine to coarse slag and rare scrap metal. High cobble content of angular to subangular slag.<br><br><br><br><br><br><br><br><br><br>... Layer of compressed slag.<br><br>... Old cable.<br><br><br>Terminated at 2.80mbgl. |                   |                         |
| 0.50                      | 1      | ES      |         |       |                            |                                                                                                                                                                                                                                                                                                            |                   |                         |
| 1.50                      | 2      | ES      |         |       |                            |                                                                                                                                                                                                                                                                                                            | (2.80)            |                         |
| 2.50-3.00<br>2.50         | 2<br>3 | B<br>ES |         |       |                            |                                                                                                                                                                                                                                                                                                            | 2.80              |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale:                                                                                            | <b>1:25</b>                                                                           |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

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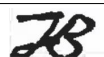
# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP389</b> |
| Contract Ref: <b>315531</b>           | Start: <b>11.07.24</b><br>End: <b>11.07.24</b> | Ground Level: <b>17.01</b> | National Grid Co-ordinate: <b>E:276943.1 N:186608.1</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                                                                                                         | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                                                                                                                                                               |                   |                         |
| 0.20                      | 1  | B    |         |       |                            | MADE GROUND. Grey brown clayey subangular to subrounded fine to coarse GRAVEL of slag with low cobble content.                                                                                                                                                                                                                                                | (0.50)            |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND. Dark grey silty SAND and GRAVEL with rare pockets of friable stiff dark grey clay. Gravel is subangular to subrounded fine to coarse slag and metal. Sand is fine to coarse.<br><br>... Cobble of orange angular wooden plank on northern face of excavation at 0.90m bgl. Approximately 15cm in width and 5cm in depth, aligned north to south. | 0.50              |                         |
| 1.40                      | 2  | B    |         |       |                            |                                                                                                                                                                                                                                                                                                                                                               | (2.10)            |                         |
| 1.60                      | 2  | ES   |         |       |                            | ... Layer of compacted slag at 1.70m bgl. Recovered as cobbles and boulders.<br><br>... Becoming greyish brown and clayey from 2.0m bgl.<br>... Layer of compacted slag at 2.10m bgl. Recovered as cobbles and boulders.                                                                                                                                      |                   |                         |
| 2.60                      | 3  | B    |         |       |                            | Yellow brown slightly gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (BLOWN SAND)                                                                                                                                                                                                                              | 2.60              |                         |
| 2.80                      | 3  | ES   |         |       |                            |                                                                                                                                                                                                                                                                                                                                                               | (0.40)            |                         |
|                           |    |      |         |       |                            | Trial pit terminated at 3.0mbgl.                                                                                                                                                                                                                                                                                                                              | 3.00              |                         |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.
2. No groundwater encountered.
3. Upon completion trial pit backfilled with arisings.

|                                 |                                             |                             |                                                                                                   |                                                                                       |
|---------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                             |                                                                                                   | Scale: <b>1:25</b>                                                                    |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP390</b> |
| Contract Ref: <b>315531</b>           | Start: <b>11.07.24</b><br>End: <b>11.07.24</b> | Ground Level: <b>17.46</b> | National Grid Co-ordinate: <b>E:276920.1 N:186642.7</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                      |                   |                         |
| 0.00-0.50                 | 1  | B    |         |       |                            | MADE GROUND. Grey brown clayey fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of slag, clinker and metal.<br>... Becomes brown at 0.50m bgl. |                   |                         |
| 0.50-1.50                 | 2  | B    |         |       |                            |                                                                                                                                                                      |                   |                         |
| 0.70                      | 1  | ES   |         |       |                            |                                                                                                                                                                      | (1.50)            |                         |
| 1.50-2.20                 | 3  | B    |         |       |                            | MADE GROUND. Layer of compacted slag recovered as grey brown subrounded COBBLES.                                                                                     | 1.50              |                         |
|                           |    |      |         |       |                            |                                                                                                                                                                      | (0.90)            |                         |
| 2.40-3.00                 | 4  | B    |         |       |                            | MADE GROUND. Dark greenish grey sandy CLAY with occasional pockets of brown fibrous peat. Rare cobbles of subrounded slag.                                           | 2.40              |                         |
|                           |    |      |         |       |                            |                                                                                                                                                                      | (1.70)            |                         |
| 3.50                      | 2  | ES   |         |       |                            |                                                                                                                                                                      |                   |                         |
|                           |    |      |         |       |                            |                                                                                                                                                                      | 4.10              |                         |
|                           |    |      |         |       |                            | Trial pit terminated at 4.10m bgl.                                                                                                                                   |                   |                         |

| General Remarks                                                                                                                                                |                                             |                             |                                                                                                   |                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. No groundwater encountered.<br>3. Upon completion trial pit backfilled with arisings. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                                                                                                                       |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                                                                                | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP391</b> |
| Contract Ref: <b>315531</b>           | Start: <b>31.07.24</b><br>End: <b>31.07.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:276977.0 N:186587.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                   | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                         |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Grey brown and brown slightly sandy very gravelly CLAY. Gravel is subangular to subrounded fine to coarse slag and metal.<br>... Band of dense grey angular fine to coarse GRAVEL of slag. | (1.50)            |                         |
| 1.50                      | 2  | ES   |         |       |                            | MADE GROUND: Dark grey brown fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of slag.                                                                                            | 1.50              |                         |
| 2.00                      | 1  | B    |         |       |                            | ... Layer of compressed slag.                                                                                                                                                                           | (1.70)            |                         |
| 2.50-3.00                 | 3  | ES   |         |       |                            |                                                                                                                                                                                                         |                   |                         |
| 2.70-3.20                 | 2  | B    |         |       |                            |                                                                                                                                                                                                         | 3.20              |                         |
|                           |    |      |         |       |                            | Terminated at 3.20mbgl.                                                                                                                                                                                 |                   |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

GINT LIBRARY\_V10\_01.GLB LibVersion: v8\_07\_001 PrjVersion: v8\_07 | Log TRIAL PIT LOG - NO PLAN - A4P | 315531 PORT TALBOT GPJ - v10\_01.  
 RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 31/01/25 - 15:59 | JB17 |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP392</b> |
| Contract Ref: <b>315531</b>           | Start: <b>31.07.24</b><br>End: <b>31.07.24</b> | Ground Level: <b>16.28</b> | National Grid Co-ordinate: <b>E:276988.5 N:186663.0</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                     | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                           |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Brown fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of slag, brick and metal. High cobble content. Cobbles are angular brick and slag.<br><br>... Cobbles of brick. | (2.00)            |                         |
| 2.00-2.50                 | 1  | B    |         |       |                            | MADE GROUND: Light brown, yellow brown and grey slightly gravelly sandy CLAY. Gravel is fine to coarse slag. Moderate cobble content of subangular slag.                                                  | 2.00              |                         |
| 2.00                      | 2  | ES   |         |       |                            |                                                                                                                                                                                                           |                   |                         |
| 2.70-3.30                 | 2  | B    |         |       |                            | ... Becoming grey.                                                                                                                                                                                        | (1.30)            |                         |
| 3.00                      | 3  | ES   |         |       |                            |                                                                                                                                                                                                           | 3.30              |                         |
|                           |    |      |         |       |                            | Terminated at 3.30mbgl.                                                                                                                                                                                   |                   |                         |

| General Remarks                                                                                                 |                                             |                             |                                                                                                   |                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 3.3m depth. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                                                                        |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

GINT\_LIBRARY\_V10\_01.GLB LibVersion: v8.07\_001 PrjVersion: v8.07 | Log TRIAL PIT LOG - NO PLAN - A4P | 315531 PORT TALBOT GPJ - v10\_01.  
RSK Environment Ltd, The Old School, Stillhouse Lane, Bedminster, Bristol, BS3 4EB. Tel: 0117 947 1006 Fax: 0117 947 1009 Web: www.rsk.co.uk | 31/01/25 - 15:59 | JB17 |

# TRIAL PIT LOG

|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP393</b> |
| Contract Ref: <b>315531</b>           | Start: <b>31.07.24</b><br>End: <b>31.07.24</b> | Ground Level: <b>16.36</b> | National Grid Co-ordinate: <b>E:276999.3 N:186690.6</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                            | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                                                                  |                   |                         |
| 0.50                      | 1  | ES   |         |       |                            | MADE GROUND: Dark grey brown MADE GROUND: clayey fine to coarse SAND and subangular to subrounded fine to coarse GRAVEL of slag. Moderate cobble content of angular to subangular slag.<br>... Mottled light brown and red brown on northern face of excavation. | (0.40)<br>0.40    |                         |
| 1.00-1.50                 | 1  | B    |         |       |                            | MADE GROUND: Dark green grey speckled black slightly gravelly CLAY with a strong salty odour. gravel is subangular to subrounded fine to coarse slag and petrifiedwood.                                                                                          |                   |                         |
| 2.00                      | 2  | ES   |         |       |                            | ... Occasional pockets of petrified wood (<30cm).<br>... Mottled black.                                                                                                                                                                                          | (2.90)            |                         |
| 2.70-3.30                 | 2  | B    |         |       |                            |                                                                                                                                                                                                                                                                  |                   |                         |
| 3.00-3.30                 | 3  | ES   |         |       |                            |                                                                                                                                                                                                                                                                  | 3.30              |                         |
| Terminated at 3.30mbgl.   |    |      |         |       |                            |                                                                                                                                                                                                                                                                  |                   |                         |

| General Remarks                                                    |                                             |                             |                                                                                                   |                                                                                       |  |
|--------------------------------------------------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation. |                                             |                             |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                           |                                             |                             | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                    | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:  |  |  |

# TRIAL PIT LOG

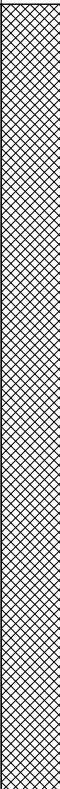
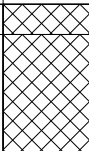
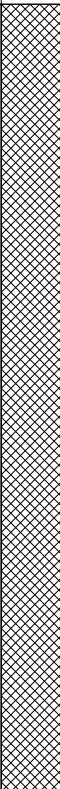
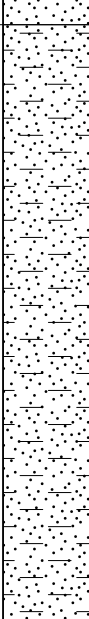
|                                       |                                                |                            |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|----------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                            | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP395</b> |
| Contract Ref: <b>315531</b>           | Start: <b>09.08.24</b><br>End: <b>09.08.24</b> | Ground Level: <b>16.36</b> | National Grid Co-ordinate: <b>E:276999.3 N:186690.6</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                         | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                               |                   |                         |
| 0.80                      | 1  | ES   |         |       |                            | MADE GROUND: Greyish brown slightly sandy angular to subangular fine to coarse GRAVEL of slag and angular to subangular COBBLES of slag. Sand is coarse.<br><br>... Moderate boulder content of angular slag. | (2.50)            |                         |
| 2.00                      | 2  | ES   |         |       |                            |                                                                                                                                                                                                               |                   |                         |
| 2.40                      | 3  | ES   |         |       |                            |                                                                                                                                                                                                               | 2.50              |                         |
|                           |    |      |         |       |                            | Groundwater encountered at 2.4m and terminated at 2.5m bgl due to collapse. Backfilled with arisings on completion.                                                                                           |                   |                         |

| General Remarks                                                                                               |                                             |                             |                    |  |                                                                                       |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|--------------------|--|---------------------------------------------------------------------------------------|
| 1. Position scanned with a CAT, Genny and GPR prior to excavation.<br>2. Groundwater encountered at 2.5m bgl. |                                             |                             |                    |  |                                                                                       |
| All dimensions in metres                                                                                      |                                             |                             | Scale: <b>1:25</b> |  |                                                                                       |
| Method Used: <b>Machine dug</b>                                                                               | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Jagan Raj</b> | Checked By:        |  |  |

# TRIAL PIT LOG

|                                       |                                                |                           |                                                         |                         |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                | Client: <b>TATA Steel</b> |                                                         | Trial Pit: <b>TP396</b> |
| Contract Ref: <b>315531</b>           | Start: <b>14.08.24</b><br>End: <b>14.08.24</b> | Ground Level: <b>6.56</b> | National Grid Co-ordinate: <b>E:277417.0 N:185968.1</b> | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation                                                         | Description of Strata                                                                                                                                                                            | Depth (Thickness) | Material Graphic Legend                                                              |
|---------------------------|----|------|---------|-------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------|
| Depth                     | No | Type | Results |       |                                                                                    |                                                                                                                                                                                                  |                   |                                                                                      |
| 0.40-0.50                 | 1  | ES   |         |       |  | MADE GROUND. Dark brown gravelly clayey fine to coarse SAND onto compact concrete GRAVEL.<br>(MADE GROUND)<br>... Compact concrete and slag                                                      | 0.10              |   |
|                           |    |      |         |       |                                                                                    | MADE GROUND. Brown very sandy fine to coarse GRAVEL. Sand is fine to coarse. Gravel is angular to subangular of mixed lithologies including concrete brick wood slag and metal.<br>(MADE GROUND) | (0.40)            |                                                                                      |
|                           |    |      |         |       |                                                                                    |                                                                                                                                                                                                  | 0.50              |                                                                                      |
|                           |    |      |         |       |                                                                                    |                                                                                                                                                                                                  | 0.60              |                                                                                      |
| 2.00-2.20                 | 2  | ES   |         |       |  | Light brown fine to coarse SAND.<br>(BLOWN SAND)                                                                                                                                                 | (2.00)            |  |
|                           |    |      |         |       |                                                                                    | Black clayey fine to coarse SAND. Very strong asphalt odour.<br>(BLOWN SAND)                                                                                                                     |                   |                                                                                      |
|                           |    |      |         |       |                                                                                    |                                                                                                                                                                                                  |                   |                                                                                      |
|                           |    |      |         |       |                                                                                    |                                                                                                                                                                                                  |                   |                                                                                      |
|                           |    |      |         |       |                                                                                    | Unstable                                                                                                                                                                                         |                   |                                                                                      |

## General Remarks

1. Position scanned with a CAT, Genny and GPR prior to excavation.

|                                 |                                             |                                |                                                                                                   |                                                                                       |  |
|---------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| All dimensions in metres        |                                             |                                |                                                                                                   | Scale: <b>1:25</b>                                                                    |  |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Adam Livesey</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                           |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP397</b> |
| Contract Ref: <b>315531</b>           | Start: <b>14.08.24</b><br>End: <b>14.08.24</b> | Ground Level: <b>6.86</b> | National Grid Co-ordinate: <b>E:277380.2 N:186090.7</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                                | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                                                                                      |                   |                         |
| 0.00-0.30                 | 1  | ES   |         |       |                            | MADE GROUND. andy GRAVEL onto black very gravelly fine to coarse SAND. Gravel is angular to subangular of mixed lithologies including brick metal slag concrete and wood. Strong hydrocarbon/asphalt smell.<br>(MADE GROUND)<br>... Sand is oil coated<br>... Buried manhole at 0.3m | (0.60)<br>0.60    |                         |
|                           |    |      |         |       |                            | MADE GROUND. Light brown gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of mixed lithologies.<br>(MADE GROUND)<br>Buried manhole                                                                                                                    | 0.80              |                         |

| General Remarks                                                                                                                                               |                                             |                                |                                                                                                   |                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| <p>1. Position scanned with a CAT, Genny and GPR prior to excavation.</p> <p>4. Pit moved east to avoid concrete obstruction to be discovered as manhole.</p> |                                             |                                |                                                                                                   |                                                                                       |  |
| All dimensions in metres                                                                                                                                      |                                             |                                | Scale: <b>1:25</b>                                                                                |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                                                                               | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Adam Livesey</b> | Checked By:  |  |  |

# TRIAL PIT LOG

|                                       |                                                |                           |                                                         |  |                         |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|-------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP399</b> |
| Contract Ref: <b>315531</b>           | Start: <b>14.08.24</b><br>End: <b>14.08.24</b> | Ground Level: <b>6.81</b> | National Grid Co-ordinate: <b>E:277530.8 N:186036.9</b> |  | Sheet: <b>1 of 1</b>    |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                                                                                                             | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                                                                                                                                   |                   |                         |
| 0.50-0.70                 | 1  | ES   |         |       |                            | MADE GROUND. Black very gravelly fine to coarse SAND with medium cobble content. Gravel is angular to subangular fine to coarse of brick concrete slag rebar and occasional wood. Cobbles are angular to subangular of concrete brick and slag. Slight hydrocarbon odour.<br>... Dense compact gravels of concrete slag and brick | (0.80)<br>0.80    |                         |
| 1.40-1.50                 | 2  | ES   |         |       |                            | MADE GROUND. Compressed slag brick and concrete.<br>... Dense compact gravels of concrete slag and brick                                                                                                                                                                                                                          | (0.60)<br>1.40    |                         |
|                           |    |      |         |       |                            | MADE GROUND. Light brown slightly gravelly fine to coarse coarse SAND. Gravel is fine to coarse angular to subrounded of brick and coal fragments. Pockets of black oil soaked sand. Strong hydro carbon odour.<br>(MADE GROUND)                                                                                                  | (0.60)<br>2.00    |                         |
| 2.90-3.00                 | 3  | ES   |         |       |                            | Soft greenish grey sandy CLAY. Sand is fine to coarse.<br>(TIDAL FLAT DEPOSITS)                                                                                                                                                                                                                                                   | (1.00)<br>3.00    |                         |

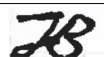
## General Remarks

- Position scanned with a CAT, Genny and GPR prior to excavation.

All dimensions in metres

Scale:

**1:25**

|                                 |                                             |                                |                                                                                                   |                                                                                       |
|---------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Adam Livesey</b> | Checked By:  |  |
|---------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|

# TRIAL PIT LOG

|                                       |                                                |                           |                                                         |                          |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                | Client: <b>TATA Steel</b> |                                                         | Trial Pit: <b>TP3001</b> |
| Contract Ref: <b>315531</b>           | Start: <b>14.08.24</b><br>End: <b>14.08.24</b> | Ground Level: <b>---</b>  | National Grid Co-ordinate: <b>E:277504.0 N:186098.0</b> | Sheet: <b>1 of 1</b>     |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                                                                                           | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                                                                                                 |                   |                         |
| 0.20-0.30                 | 1  | ES   |         |       |                            | MADE GROUND. Light brown gravelly fine to coarse SAND. Gravel is angular to subrounded fine to coarse of mixed lithologies including brick and concrete.                                                                                        | (0.30)<br>0.30    |                         |
|                           |    |      |         |       |                            | MADE GROUND. Black sandy GRAVEL with medium cobble content. Gravel is angular to subangular fine to coarse of mixed lithologies including brick and concrete. Cobble are angular to subangular of brick concrete and slag.<br>... Concrete slab | (0.30)<br>0.60    |                         |
| 1.00-1.20                 | 2  | ES   |         |       |                            | MADE GROUND. Light brown gravelly fine to coarse SAND with low cobble content. Gravel is angular to subangular fine to coarse of mixed lithologies including concrete and rebar. Cobbles are angular to subangular.<br>(MADE GROUND)            | (0.90)<br>1.50    |                         |
| 1.80-2.00                 | 3  | ES   |         |       |                            | MADE GROUND. Black fine to coarse clayey fine to coarse SAND.                                                                                                                                                                                   | (0.50)<br>2.00    |                         |
|                           |    |      |         |       |                            | Water seepage                                                                                                                                                                                                                                   |                   |                         |

## General Remarks

- Position scanned with a CAT, Genny and GPR prior to excavation.

All dimensions in metres Scale: **1:25**

|                                 |                                             |                                |                                                                                                   |                                                                                       |
|---------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Adam Livesey</b> | Checked By:  |  |
|---------------------------------|---------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|

# TRIAL PIT LOG

|                                       |                                                |                           |                                                         |  |                          |
|---------------------------------------|------------------------------------------------|---------------------------|---------------------------------------------------------|--|--------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                           | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP3002</b> |
| Contract Ref: <b>315531</b>           | Start: <b>14.08.24</b><br>End: <b>14.08.24</b> | Ground Level: <b>6.66</b> | National Grid Co-ordinate: <b>E:277467.8 N:186093.8</b> |  | Sheet: <b>1 of 1</b>     |

| Samples and In-situ Tests |     |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                 | Depth (Thickness) | Material Graphic Legend |
|---------------------------|-----|------|---------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No  | Type | Results |       |                            |                                                                                                                       |                   |                         |
| 2.00-2.10                 | Es1 | ES   |         |       |                            | Concrete rebar hardstanding                                                                                           | (0.30)            |                         |
|                           |     |      |         |       |                            | MADE GROUND. Dark grey very gravelly fine to coarse SAND. Gravel is angular to subangular fine to coarse of concrete. | 0.30              |                         |
|                           |     |      |         |       |                            | Light brown fine to coarse SAND. (BLOWN SAND)                                                                         | 0.40              |                         |
|                           |     |      |         |       |                            |                                                                                                                       | (1.40)            |                         |
|                           |     |      |         |       |                            | Greenish grey clayey fine to coarse SAND. Musty asphalt odour                                                         | 1.80              |                         |
|                           |     |      |         |       |                            |                                                                                                                       | (0.70)            |                         |
|                           |     |      |         |       |                            | Unstable                                                                                                              | 2.50              |                         |

## General Remarks

- Position scanned with a CAT, Genny and GPR prior to excavation.

|                                 |                                             |                                |                                                                                                              |
|---------------------------------|---------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                                | Scale: <b>1:25</b>                                                                                           |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Adam Livesey</b> | Checked By:  <b>AGS</b> |

|                             |  |                   |               |                              |               |
|-----------------------------|--|-------------------|---------------|------------------------------|---------------|
| Contract:                   |  | Client:           |               | Trial Pit:                   |               |
| <b>EAF Meltshop Project</b> |  | <b>TATA Steel</b> |               | <b>TP3003</b>                |               |
| Contract Ref:               |  | Start:            | Ground Level: | National Grid Co-ordinate:   | Sheet:        |
| <b>315531</b>               |  | <b>30.08.24</b>   | <b>---</b>    | <b>E:276128.0 N:188503.0</b> | <b>1 of 1</b> |

| Samples and In-situ Tests |     |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                 | Depth (Thickness) | Material Graphic Legend |
|---------------------------|-----|------|---------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No  | Type | Results |       |                            |                                                                                                                                                                       |                   |                         |
| 0.80                      | ES1 | ES   |         |       |                            | MADE GROUND. Grass over dark brown sandy slightly gravelly silt TOPSOIL. Sand if fine to coarse. Gravel is angular to subangular fine to coarse of slag and mudstone. | 0.10              |                         |
|                           |     |      |         |       |                            | MADE GROUND. Grey sandy angular fine to coarse GRAVEL and COBBLES of slag with frequent angular boulders of slag.                                                     | (1.40)            |                         |
|                           |     |      |         |       |                            | Trial pit terminated at 1.50m bgl and backfilled with arisings.                                                                                                       | 1.50              |                         |

1. Position scanned with a CAT and Genny prior to excavation.
2. No groundwater encountered.

|                          |        |             |
|--------------------------|--------|-------------|
| All dimensions in metres | Scale: | <b>1:25</b> |
|--------------------------|--------|-------------|

|              |                    |
|--------------|--------------------|
| Method Used: | <b>Machine dug</b> |
|--------------|--------------------|

|                |                                     |
|----------------|-------------------------------------|
| Plant<br>Used: | <b>13 Ton Tracked<br/>Excavator</b> |
|----------------|-------------------------------------|

Logged **Kieran Bancroft**  
By:

|                |
|----------------|
| Checked<br>By: |
|----------------|



# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                          |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|--------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP3004</b> |
| Contract Ref: <b>315531</b>           | Start: <b>02.09.24</b><br>End: <b>02.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:276259.0 N:188483.0</b> |  | Sheet: <b>1 of 1</b>     |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instru-mentation | Description of Strata                                                                                                                                                 | Depth (Thick-ness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|
| Depth                     | No | Type | Results |       |                             |                                                                                                                                                                       |                    |                         |
| 0.80                      | B1 | B    |         |       |                             | MADE GROUND. Grass over dark brown sandy slightly gravelly silt TOPSOIL. Sand if fine to coarse. Gravel is angular to subangular fine to coarse of slag and mudstone. | (0.50)             |                         |
|                           |    |      |         |       |                             |                                                                                                                                                                       | 0.50               |                         |
|                           |    |      |         |       |                             | MADE GROUND. Grey sandy angular fine to coarse GRAVEL and COBBLES of slag with frequent angular boulders of slag.                                                     | (0.70)             |                         |
|                           |    |      |         |       |                             | Trial pit terminated at 1.20m bgl and backfilled with arisings.                                                                                                       | 1.20               |                         |

| General Remarks                                                                                 |                                             |                                   |                    |                                                                                       |  |
|-------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|--------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT and Genny prior to excavation.<br>2. No groundwater encountered. |                                             |                                   |                    |                                                                                       |  |
| All dimensions in metres                                                                        |                                             |                                   | Scale: <b>1:25</b> |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Kieran Bancroft</b> | Checked By:        |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                          |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|--------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP3005</b> |
| Contract Ref: <b>315531</b>           | Start: <b>30.08.24</b><br>End: <b>30.08.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:276356.0 N:188464.0</b> |  | Sheet: <b>1 of 1</b>     |

| Samples and In-situ Tests                                       |     |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                 | Depth (Thickness) | Material Graphic Legend |
|-----------------------------------------------------------------|-----|------|---------|-------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                                                           | No  | Type | Results |       |                            |                                                                                                                                                                       |                   |                         |
| 0.10                                                            | ES1 | ES   |         |       |                            | MADE GROUND. Grass over dark brown sandy slightly gravelly silt TOPSOIL. Sand if fine to coarse. Gravel is angular to subangular fine to coarse of slag and mudstone. | 0.20              |                         |
|                                                                 |     |      |         |       |                            | MADE GROUND. Grey sandy angular fine to coarse GRAVEL and COBBLES of slag with frequent angular boulders of slag.                                                     | (2.10)            |                         |
| 1.50                                                            | ES2 | ES   |         |       |                            |                                                                                                                                                                       | 2.30              |                         |
| Trial pit terminated at 2.30m bgl and backfilled with arisings. |     |      |         |       |                            |                                                                                                                                                                       |                   |                         |

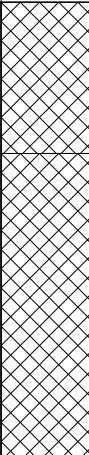
## General Remarks

- 1. Position scanned with a CAT and Genny prior to excavation.
- 2. No groundwater encountered.

|                                 |                                             |                                   |                                                                                                   |
|---------------------------------|---------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------|
| All dimensions in metres        |                                             |                                   | Scale: <b>1:25</b>                                                                                |
| Method Used: <b>Machine dug</b> | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Kieran Bancroft</b> | Checked By:  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                          |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|--------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP3006</b> |
| Contract Ref: <b>315531</b>           | Start: <b>02.09.24</b><br>End: <b>02.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:276326.0 N:188469.0</b> |  | Sheet: <b>1 of 1</b>     |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation                                                        | Description of Strata                                                                                                                                                 | Depth (Thickness) | Material Graphic Legend                                                             |
|---------------------------|----|------|---------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Depth                     | No | Type | Results |       |                                                                                   |                                                                                                                                                                       |                   |                                                                                     |
| 0.90                      | B1 | B    |         |       |  | MADE GROUND. Grass over dark brown sandy slightly gravelly silt TOPSOIL. Sand if fine to coarse. Gravel is angular to subangular fine to coarse of slag and mudstone. | (0.50)            |  |
|                           |    |      |         |       |                                                                                   |                                                                                                                                                                       | 0.50              |                                                                                     |
|                           |    |      |         |       |                                                                                   | MADE GROUND. Grey sandy angular fine to coarse GRAVEL and COBBLES of slag with frequent angular boulders of slag.                                                     | (1.00)            |                                                                                     |
|                           |    |      |         |       |                                                                                   | Trial pit terminated at 1.50m bgl and backfilled with arisings.                                                                                                       | 1.50              |                                                                                     |

| General Remarks                                                                                 |                                             |                                   |             |                                                                                       |  |
|-------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|-------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT and Genny prior to excavation.<br>2. No groundwater encountered. |                                             |                                   |             |                                                                                       |  |
| All dimensions in metres                                                                        |                                             |                                   | Scale:      | <b>1:25</b>                                                                           |  |
| Method Used: <b>Machine dug</b>                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Kieran Bancroft</b> | Checked By: |  |  |

# TRIAL PIT LOG

|                                       |                                                |                          |                                                         |  |                          |
|---------------------------------------|------------------------------------------------|--------------------------|---------------------------------------------------------|--|--------------------------|
| Contract: <b>EAF Meltshop Project</b> |                                                |                          | Client: <b>TATA Steel</b>                               |  | Trial Pit: <b>TP3007</b> |
| Contract Ref: <b>315531</b>           | Start: <b>02.09.24</b><br>End: <b>02.09.24</b> | Ground Level: <b>---</b> | National Grid Co-ordinate: <b>E:276440.0 N:188454.0</b> |  | Sheet: <b>1 of 1</b>     |

| Samples and In-situ Tests |    |      |         | Water | Backfill & Instrumentation | Description of Strata                                                                                                                                                | Depth (Thickness) | Material Graphic Legend |
|---------------------------|----|------|---------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Depth                     | No | Type | Results |       |                            |                                                                                                                                                                      |                   |                         |
| 1.50                      | B1 | B    |         |       |                            | MADE GROUND. Grass over dark brown sandy slightly gravelly silt TOPSOIL. Sand if fine to coarse. Gravel is angular to subangular fine to coarse of slag ad mudstone. | (0.60)            |                         |
|                           |    |      |         |       |                            |                                                                                                                                                                      | 0.60              |                         |
|                           |    |      |         |       |                            | MADE GROUND. Grey sandy angular fine to coarse GRAVEL and COBBLES of slag with frequent angular boulders of slag.                                                    | (1.20)            |                         |
|                           |    |      |         |       |                            | Trial pit terminated at 1.8m bgl and backfilled with arisings.                                                                                                       | 1.80              |                         |

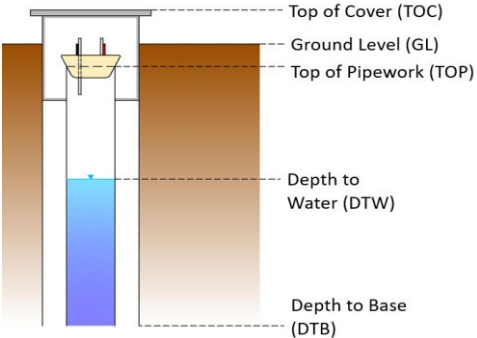
| General Remarks                                                                                 |                                             |                                   |                    |                                                                                       |  |
|-------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------|--------------------|---------------------------------------------------------------------------------------|--|
| 1. Position scanned with a CAT and Genny prior to excavation.<br>2. No groundwater encountered. |                                             |                                   |                    |                                                                                       |  |
| All dimensions in metres                                                                        |                                             |                                   | Scale: <b>1:25</b> |                                                                                       |  |
| Method Used: <b>Machine dug</b>                                                                 | Plant Used: <b>13 Ton Tracked Excavator</b> | Logged By: <b>Kieran Bancroft</b> | Checked By:        |  |  |

## **APPENDIX E**

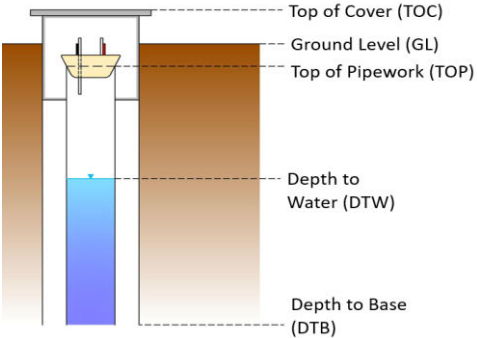
### **GROUND GAS MONITORING DATA AND SITE CONDITIONS**

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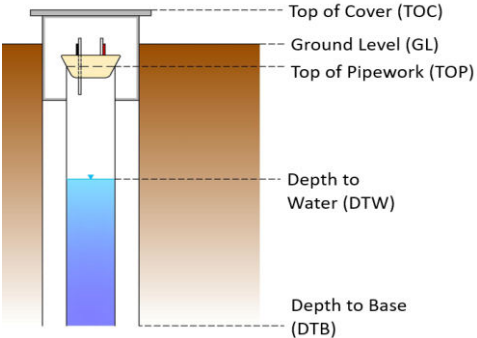
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 01.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                   |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH301                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 1                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 11:00                                             |                                                  | 1011                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:30                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | -2.2                                              | 0                                                | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 13.8                                           | 6                        | 0                         |                                                      |           |
| 5                                                                                   | -2.2                                              | 15                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 10.4                                           | 5                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | -2.2                                              |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | -2.2                                              |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.33                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 21.4                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (ltrs)                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>      | <b>Container</b>                                     |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Project                                    |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

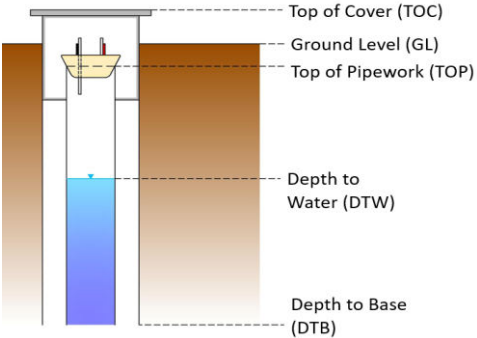
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------|------------------------------------|----------------------|------------------|
| <b>Monitoring Date:</b> 01.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                                                                                                                   |                                                | <b>Offset to GL (m):</b> 0                           |                                    |                      |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                                                                                                                   |                                                | <b>Device:</b> G508232                               |                                    |                      |                  |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                                                                                                              |                                                | Sunny                                                |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                                                                                                                    |                                                | Dry                                                  |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                                                                                                                  |                                                |                                                      |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling                                                                                            |                                                | Rising                                               |                                    |                      |                  |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH311                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 1                                                                                                                            |                                                | <b>Test Number:</b>                                  |                                    |                      |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                                                                                                                          |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                                    |                      |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                                                                                                                   | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                      |                                    |                      |                  |
| Time Start (hh:mm)                                                                  | 11:00                                             |                                                  | 1011                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                              | <b>Observations (e.g. on-site activities):</b> |                                                      |                                    |                      |                  |
| Time End (hh:mm)                                                                    | 14:30                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                                                                                                                       | 16.3                                           | Carbon monoxide (ppm)                                | Hydrogen sulphide (ppm)            | LEL (%)              | PID (ppm)        |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 0                                                                                   | 0.4                                               | 0                                                | 9.7                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                                                                                                                          | 16.3                                           | 7                                                    | 0                                  |                      |                  |
| 5                                                                                   | 0.4                                               | 15                                               | 9.7                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                                                                                                                          | 15.5                                           | 5                                                    | 0                                  |                      |                  |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.4                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.4                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 7.7                                                                                                                                                                                                                                                                                                                                                              | <b>Time:</b>                                                                                                                                                 |                                                |                                                      | <b>LNAPL Top (from datum) (m):</b> |                      |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 7.7                                                                                                                                                                                                                                                                                                                                                              | <b>Purge Start:</b>                                                                                                                                          |                                                |                                                      | <b>DNAPL Top (from datum) (m):</b> |                      |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                                                                                                            |                                                |                                                      | <b>Water Observations:</b>         |                      |                  |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                                                                                                                  |                                                |                                                      |                                    |                      |                  |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level. |                                                | <b>Samples Taken:</b> Yes / No                       |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                | <b>Sample Media:</b> Gas/Water                       |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                | <b>Gas Cannister Start (mb)</b>                      |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                | <b>Gas Cannister End (mb)</b>                        |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                | <b>Gas Cannister Duration (mins)</b>                 |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                | <b>Depth (from datum)</b>                            | <b>Sample Ref</b>                  | <b>Type (EW / G)</b> | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                                    |                      |                  |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | EAF Pproject                                                                                                                                                 |                                                | <b>Data Collected By:</b>                            |                                    |                      |                  |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                                                                                                                 |                                                | <b>Checked:</b>                                      |                                    |                      |                  |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 315531                                                                                                                                                       |                                                | <b>Page number:</b>                                  |                                    |                      |                  |

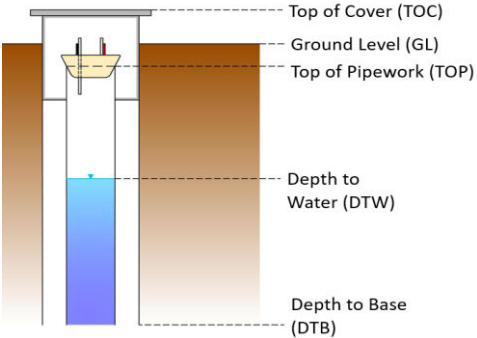
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------|-------------------------|
| <b>Monitoring Date:</b> 01.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0                           |                         |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b> G508232                               |                         |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                                                |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                                                  |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                               |                         |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH315                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 1                                 |                                                | <b>Test Number:</b>                                  |                         |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                         |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                      |                         |
| Time Start (hh:mm)                                                                  | 11:00                                             |                                                  | 1011                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                                      |                         |
| Time End (hh:mm)                                                                    | 14:30                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                | Hydrogen sulphide (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      | LEL (%)                 |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      | PID (ppm)               |
| 0                                                                                   | 0.3                                               | 0                                                | 0.9                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 17.8                                           | 2                                                    | 0                       |
| 5                                                                                   | 0.3                                               | 15                                               | 0.9                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 17.3                                           | 2                                                    | 0                       |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.3                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                      |                         |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.3                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.18                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | <b>LNAPL Top (from datum) (m):</b>             |                                                      |                         |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 12.71                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               | <b>DNAPL Top (from datum) (m):</b>             |                                                      |                         |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 | <b>Water Observations:</b>                     |                                                      |                         |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                      |                         |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                                    | <b>Type (EW / G)</b>    |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | EAF Pproject                                                      |                                                | <b>Data Collected By:</b>                            |                         |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                      |                         |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 315531                                                            |                                                | <b>Page number:</b>                                  |                         |

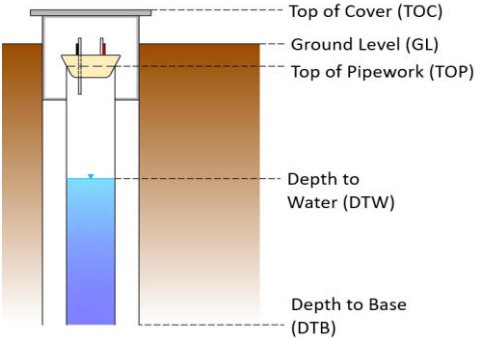
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------|-------------------------|
| <b>Monitoring Date:</b> 01.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                                                                                                                   |                                                | <b>Offset to GL (m):</b> 0                           |                         |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                                                                                                                   |                                                | <b>Device:</b> G508232                               |                         |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                                                                                                              |                                                | Sunny                                                |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                                                                                                                    |                                                | Dry                                                  |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                                                                                                                  |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling                                                                                            |                                                | Rising                                               |                         |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH317                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 1                                                                                                                            |                                                | <b>Test Number:</b>                                  |                         |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                                                                                                                          |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                         |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                                                                                                                   | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                      |                         |
| Time Start (hh:mm)                                                                  | 11:00                                             |                                                  | 1011                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                              | <b>Observations (e.g. on-site activities):</b> |                                                      |                         |
| Time End (hh:mm)                                                                    | 14:30                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                                                                                                                       | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                | Hydrogen sulphide (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      | LEL (%)                 |
|                                                                                     |                                                   |                                                  | PID (ppm)                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                              |                                                |                                                      |                         |
| 0                                                                                   | 0.7                                               | 0                                                | 10.7                                                                                                                                                                                                                                                                                                                                                             | 0.3                                                                                                                                                          | 14.5                                           | 2                                                    | 0                       |
| 5                                                                                   | 0.7                                               | 15                                               | 9.1                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                                                                                                                          | 14.5                                           | 2                                                    | 0                       |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.7                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                                                                                                              |                                                |                                                      |                         |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.7                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 2.45                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                                                                                                                 | <b>LNAPL Top (from datum) (m):</b>             |                                                      |                         |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 16.12                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                                                                                                                          | <b>DNAPL Top (from datum) (m):</b>             |                                                      |                         |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                                                                                                            | <b>Water Observations:</b>                     |                                                      |                         |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                                                                                                                  |                                                |                                                      |                         |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level. |                                                | <b>Samples Taken:</b> Yes / No                       |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                | <b>Sample Media:</b> Gas/Water                       |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                | <b>Gas Cannister Start (mb)</b>                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                | <b>Gas Cannister End (mb)</b>                        |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                | <b>Gas Cannister Duration (mins)</b>                 |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                | <b>Depth (from datum)</b>                            | <b>Sample Ref</b>       |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                              |                                                |                                                      |                         |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | EAF Pproject                                                                                                                                                 |                                                | <b>Data Collected By:</b>                            |                         |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                                                                                                                 |                                                | <b>Checked:</b>                                      |                         |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 315531                                                                                                                                                       |                                                | <b>Page number:</b>                                  |                         |

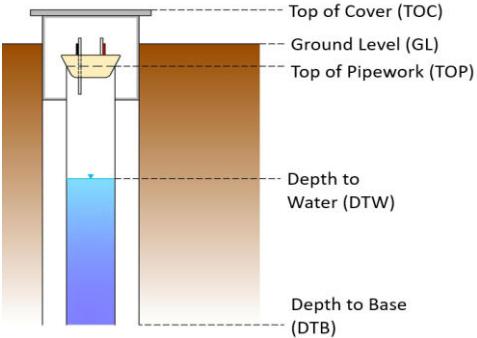
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------|-------------------------|
| <b>Monitoring Date:</b> 01.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0                           |                         |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b> G508232                               |                         |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                                                |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                                                  |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                               |                         |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH322                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 1                                 |                                                | <b>Test Number:</b>                                  |                         |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                         |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                      |                         |
| Time Start (hh:mm)                                                                  | 11:00                                             |                                                  | 1011                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                                      |                         |
| Time End (hh:mm)                                                                    | 14:30                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                | Hydrogen sulphide (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      | LEL (%)                 |
|                                                                                     |                                                   |                                                  | PID (ppm)                                                                                                                                                                                                                                                                                                                                                        |                                                                   |                                                |                                                      |                         |
| 0                                                                                   | 0.7                                               | 0                                                | 0.8                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.5                                           | 2                                                    | 0                       |
| 5                                                                                   | 0.7                                               | 15                                               | 0.6                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 16.8                                           | 2                                                    | 0                       |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.7                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                      |                         |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.7                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 3.24                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                | <b>LNAPL Top (from datum) (m):</b>                   |                         |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 13.22                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                   |                         |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                           |                         |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                      |                         |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                                    | <b>Type (EW / G)</b>    |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | EAF Pproject                                                      |                                                | <b>Data Collected By:</b>                            |                         |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                      |                         |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 315531                                                            |                                                | <b>Page number:</b>                                  |                         |

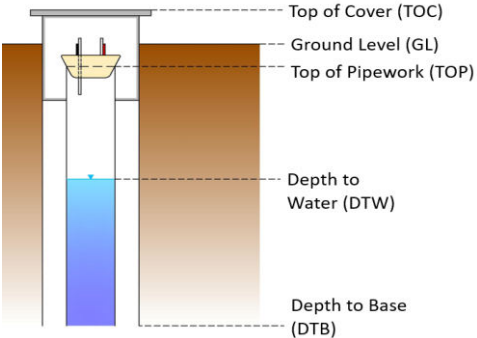
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 01.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                   |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH322                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 1                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 11:00                                             |                                                  | 1011                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:30                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | 0.5                                               | 0                                                | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 19.5                                           | 2                        | 0                         |                                                      |           |
| 5                                                                                   | 0.5                                               | 15                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 19.5                                           | 2                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.5                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.5                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.26                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 14.74                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>      | <b>Container</b>                                     |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

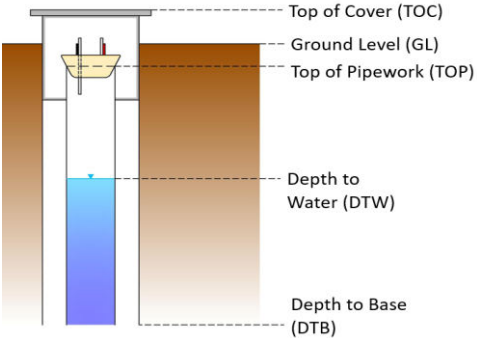
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 01.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                  |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH328                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 1                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 11:00                                             |                                                  | 1011                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:30                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | 0.2                                               | 0                                                | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 19.8                                           | 1                        | 0                         |                                                      |           |
| 5                                                                                   | 0.2                                               | 15                                               | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 19.8                                           | 1                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.2                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.2                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 10.6                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 18                                                                                                                                                                                                                                                                                                                                                               | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.<br><br>Bent standpipe. Bailer couldn't fit down.                                                                                                                                                    |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>      | <b>Container</b>                                     |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

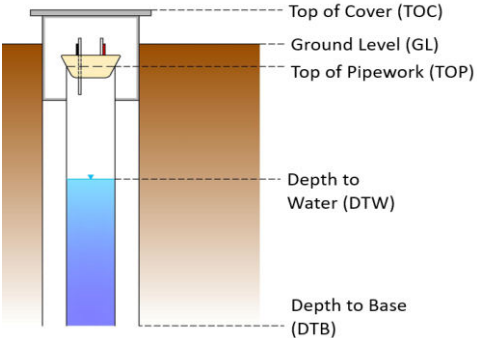
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|-------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 01.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                     |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                               |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                 |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                   |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                       |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                |                          |                           |                                                       |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH329                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 1                        |                           | <b>Test Number:</b>                                   |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm / 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                       |           |
| Time Start (hh:mm)                                                                  | 11:00                                             |                                                  | 1011                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                       |           |
| Time End (hh:mm)                                                                    | 14:30                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                               | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 0                                                                                   | 0.7                                               | 0                                                | 3.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.2                                           | 3                        | 0                         |                                                       | N/A       |
| 5                                                                                   | 0.7                                               | 15                                               | 3.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.2                                           | 3                        | 1                         |                                                       |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.7                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                       |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.7                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 11.15                                                                                                                                                                                                                                                                                                                                                            | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                    |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 12.49                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                    |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                            |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                       |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.<br><br>Bent standpipe. Bailer couldn't fit down.                                                                                                                                                    |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                       |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                       |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                       |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                       |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                       |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>      | <b>Container</b>                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                       |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                       |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                       |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                       |           |

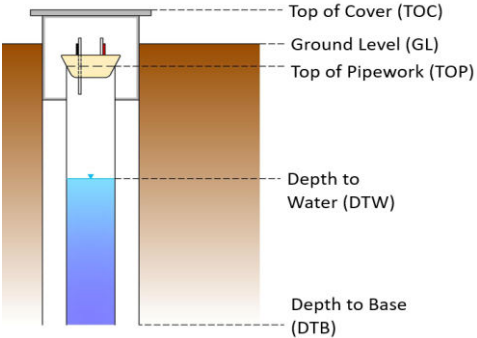
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 01.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                   |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH331                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 1                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 11:00                                             |                                                  | 1011                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:30                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | 0.6                                               | 0                                                | 0.3                                                                                                                                                                                                                                                                                                                                                              | 0.5                                                               | 18.5                                           | 2                        | 0                         |                                                      |           |
| 5                                                                                   | 0.6                                               | 15                                               | 0.3                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 18.5                                           | 2                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.6                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.6                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 3.37                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 8.28                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>      | <b>Container</b>                                     |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

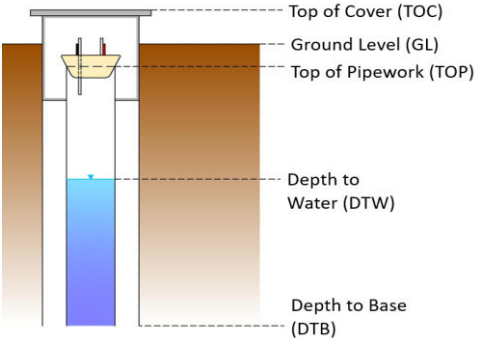
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 09.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Pressure rising                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                  |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH301                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 2                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 1014                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | -1.8                                              | 0                                                | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 12.8                                           | 5                        | 0                         |                                                      | N/A       |
| 5                                                                                   | -1.8                                              | 15                                               | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 10.7                                           | 5                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | -1.8                                              |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | -1.8                                              |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.4                                                                                                                                                                                                                                                                                                                                                              | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 21.34                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   | Depth (from datum)                               | Sample Ref                                                                                                                                                                                                                                                                                                                                                       | Type (EW / G)                                                     | Container                                      |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

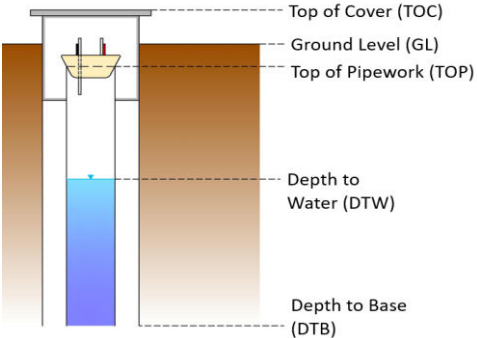
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------|-------------------------|------------------|-----------|
| <b>Monitoring Date:</b> 09.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> 0                           |                         |                  |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b> G508232                               |                         |                  |           |
| Pressure rising                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                                                |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                                                  |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                                      |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                                              |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH311                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 2                                 |                                                | <b>Test Number:</b>                                  |                         |                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                         |                  |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                      |                         |                  |           |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 1014                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                                      |                         |                  |           |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                | Hydrogen sulphide (ppm) | LEL (%)          | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 0                                                                                   | 0.4                                               | 0                                                | 9.1                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 16.6                                           | 4                                                    | 0                       |                  | N/A       |
| 5                                                                                   | 0.4                                               | 15                                               | 8.9                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 16.2                                           | 4                                                    | 0                       |                  |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.4                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                      |                         |                  |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.4                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 7.7                                                                                                                                                                                                                                                                                                                                                              | <b>Time:</b>                                                      |                                                | <b>LNAPL Top (from datum) (m):</b>                   |                         |                  |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 7.7                                                                                                                                                                                                                                                                                                                                                              | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                   |                         |                  |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                           |                         |                  |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                      |                         |                  |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                                      |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                                      |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                                      |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                                      |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                                      |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                                    | <b>Type (EW / G)</b>    | <b>Container</b> |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                         |                  |           |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | EAF Pproject                                                      |                                                | <b>Data Collected By:</b>                            |                         |                  |           |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                      |                         |                  |           |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 315531                                                            |                                                | <b>Page number:</b>                                  |                         |                  |           |

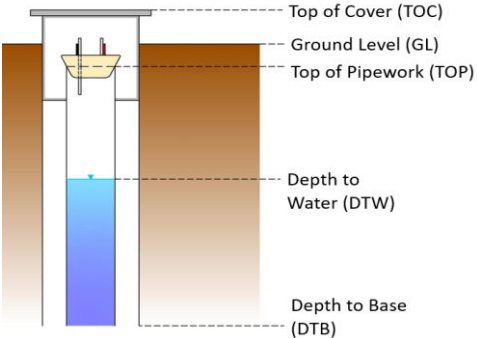
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 09.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Pressure rising                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                  |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH315                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 2                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 1014                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | 0.2                                               | 0                                                | 0.9                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 17.9                                           | 2                        | 0                         |                                                      | N/A       |
| 5                                                                                   | 0.2                                               | 15                                               | 0.9                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 17.9                                           | 2                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.2                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.2                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.29                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 12.7                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>      | <b>Container</b>                                     |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

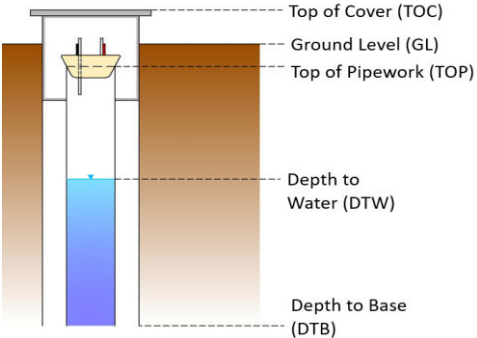
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 09.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Pressure rising                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                  |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH317                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 2                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 1014                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | 0.7                                               | 0                                                | 10                                                                                                                                                                                                                                                                                                                                                               | 0.2                                                               | 14.9                                           | 2                        | 0                         |                                                      | N/A       |
| 5                                                                                   | 0.7                                               | 15                                               | 9.3                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 14.9                                           | 2                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.7                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.7                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 2.58                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 16.12                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   | Depth (from datum)                               | Sample Ref                                                                                                                                                                                                                                                                                                                                                       | Type (EW / G)                                                     | Container                                      |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

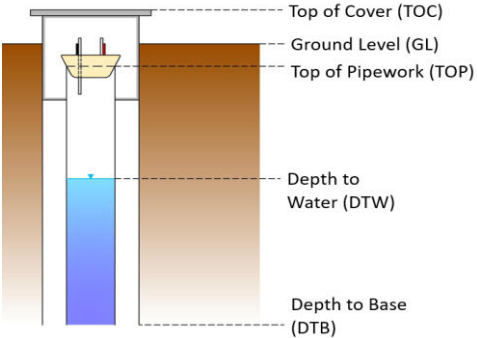
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 09.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Pressure rising                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                  |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH322                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 2                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 1014                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | 0.6                                               | 0                                                | 0.5                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.8                                           | 2                        | 0                         |                                                      | N/A       |
| 5                                                                                   | 0.6                                               | 15                                               | 0.5                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.8                                           | 2                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.6                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.6                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 3.38                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 13.2                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>      | <b>Container</b>                                     |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

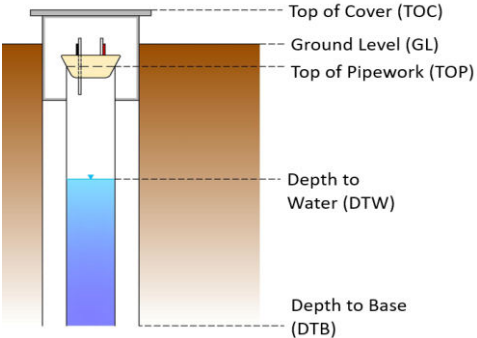
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 09.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Pressure rising                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                  |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH324                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 2                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 1014                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | 0.4                                               | 0                                                | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 19.5                                           | 2                        | 0                         |                                                      | N/A       |
| 5                                                                                   | 0.4                                               | 15                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 19.5                                           | 2                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.4                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.4                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.43                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 14.62                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>      | <b>Container</b>                                     |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

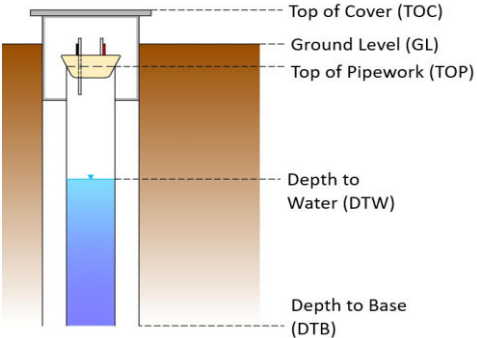
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 09.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Pressure rising                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                  |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH328                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 2                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 1014                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | 0.2                                               | 0                                                | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 19.5                                           | 1                        | 0                         |                                                      | N/A       |
| 5                                                                                   | 0.2                                               | 15                                               | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 19.5                                           | 1                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.2                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.2                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 10.55                                                                                                                                                                                                                                                                                                                                                            | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 17.95                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>      | <b>Container</b>                                     |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

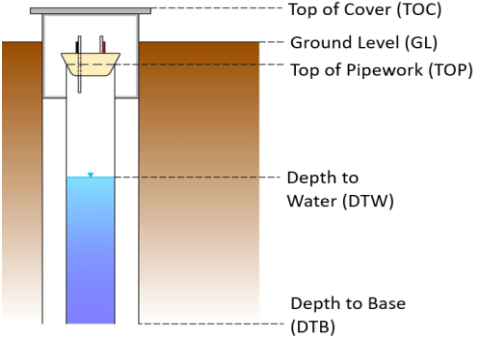
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 09.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                           | G508232                                              |           |
| Pressure rising                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                  |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH329                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 2                        |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 1014                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 0                                                                                   | 0.4                                               | 0                                                | 3                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 17.4                                           | 2                        | 0                         |                                                      | N/A       |
| 5                                                                                   | 0.4                                               | 15                                               | 3.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.4                                           | 2                        | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.4                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.4                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 11.18                                                                                                                                                                                                                                                                                                                                                            | <b>Time:</b>                                                      |                                                |                          |                           | <b>LNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 12.45                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                |                          |                           | <b>DNAPL Top (from datum) (m):</b>                   |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          |                           | <b>Water Observations:</b>                           |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>      | <b>Container</b>                                     |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                          | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>       |                                                      |           |

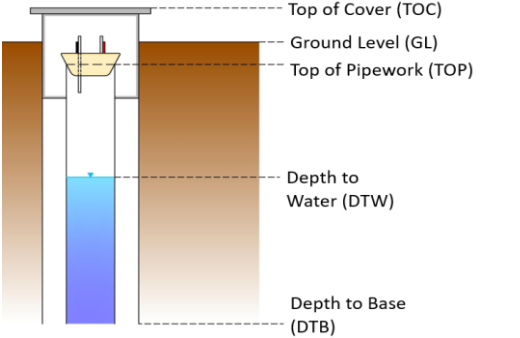
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|------------------------------------|---------------------------|------------------------------------------------------|-----------|
| <b>Monitoring Date:</b> 09.08.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b>           |                           | 0                                                    |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>                     |                           | G508232                                              |           |
| Pressure rising                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                              |                           | <b>Serial Number:</b>                                |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                                |                           | <b>Daily Check:</b>                                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                    |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                            |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH331                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 2                                  |                           | <b>Test Number:</b>                                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                                    |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                    |                           |                                                      |           |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 1014                                                                                                                                                                                                                                                                                                                                                             |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                    |                           |                                                      |           |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)              | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 0                                                                                   | 0.5                                               | 0                                                | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 18.5                                           | 2                                  | 0                         |                                                      | N/A       |
| 5                                                                                   | 0.5                                               | 15                                               | 0.3                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 18.5                                           | 2                                  | 0                         |                                                      |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.5                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                    |                           |                                                      |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.5                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 3.49                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                | <b>LNAPL Top (from datum) (m):</b> |                           |                                                      |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 8.13                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b> |                           |                                                      |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>         |                           |                                                      |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                    |                           |                                                      |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                    |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                    |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                    |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                    |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                    |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                  | <b>Type (EW / G)</b>      | <b>Container</b>                                     |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                                    | <b>Data Collected By:</b> |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                                    | <b>Checked:</b>           |                                                      |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                                    | <b>Page number:</b>       |                                                      |           |

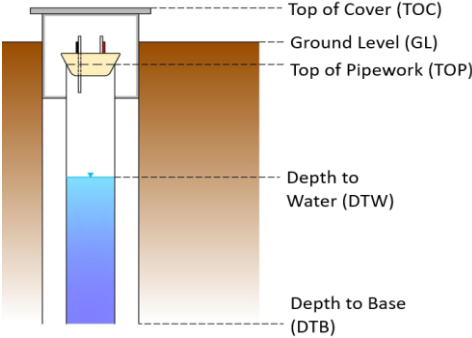
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------------|------------------|
| <b>Monitoring Date:</b> 30.09.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b>             |                         | 0                                                    |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>                       |                         |                                                      |                  |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | OVERCAST                             |                         | <b>Serial Number:</b> G508232                        |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | WET                                  |                         | <b>Daily Check:</b>                                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                              |                         |                                                      |                  |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH301                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 3                                    |                         | <b>Test Number:</b>                                  |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | 1                                    |                         | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                      |                         |                                                      |                  |
| Time Start (hh:mm)                                                                  |                                                   |                                                  | 986                                                                                                                                                                                                                                                                                                                                                              |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                      |                         |                                                      |                  |
| Time End (hh:mm)                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                | Hydrogen sulphide (ppm) | LEL (%)                                              | PID (ppm)        |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 0                                                                                   |                                                   | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 18.3                                           | 3                                    | 0                       | 0                                                    |                  |
| 5                                                                                   |                                                   | 15                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.4                                                                                                                                                                                                                                                                                                                                                              | <b>Time:</b>                                                      |                                                |                                      |                         | <b>LNAPL Top (from datum) (m):</b>                   |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 21.34                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                |                                      |                         | <b>DNAPL Top (from datum) (m):</b>                   |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                                      |                         | <b>Water Observations:</b>                           |                  |
|                                                                                     | <b>Purge Volume:</b> (ltrs)                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No       |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water       |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Start (mb)</b>      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister End (mb)</b>        |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Duration (mins)</b> |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Depth (from datum)</b>            | <b>Sample Ref</b>       | <b>Type (EW / G)</b>                                 | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | TATA Steel                                                        |                                                | <b>Data Collected By:</b>            |                         | James Bloor                                          |                  |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloor                                                       |                                                | <b>Checked:</b>                      |                         |                                                      |                  |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 2072340                                                           |                                                | <b>Page number:</b>                  |                         |                                                      |                  |

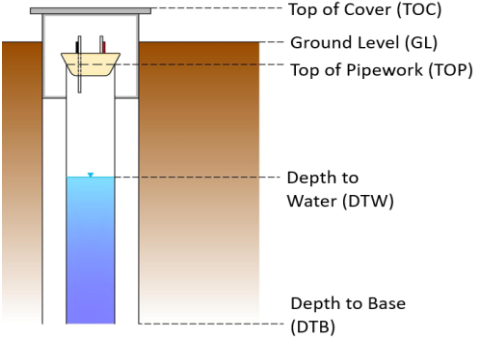
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|------------------------------------|---------------------------|------------------------------------------------------|-------------|
| <b>Monitoring Date:</b> 30.09.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b>           |                           | 0                                                    |             |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>                     |                           |                                                      |             |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | OVERCAST                           |                           | <b>Serial Number:</b> G508232                        |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | WET                                |                           | <b>Daily Check:</b>                                  |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                            |                           |                                                      |             |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH311                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 3                                  |                           | <b>Test Number:</b>                                  |             |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | 1                                  |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |             |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                    |                           |                                                      |             |
| Time Start (hh:mm)                                                                  |                                                   |                                                  | 986                                                                                                                                                                                                                                                                                                                                                              |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                    |                           |                                                      |             |
| Time End (hh:mm)                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)              | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm)   |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 0                                                                                   |                                                   | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 18.2                                           | 2                                  | 0                         | 0                                                    |             |
| 5                                                                                   |                                                   | 15                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                    |                           |                                                      |             |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 7.32                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                | <b>LNAPL Top (from datum) (m):</b> |                           |                                                      |             |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 7.51                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b> |                           |                                                      |             |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>         |                           |                                                      |             |
|                                                                                     | <b>Purge Volume:</b> (ltrs)                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
|  |                                                   |                                                  | <b>Post testing remarks:</b>                                                                                                                                                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                  | <b>Type (EW / G)</b>      | <b>Container</b>                                     |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | TATA Steel                                     |                                    | <b>Data Collected By:</b> |                                                      | James Bloor |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloor                                    |                                    | <b>Checked:</b>           |                                                      |             |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 2072340                                        |                                    | <b>Page number:</b>       |                                                      |             |

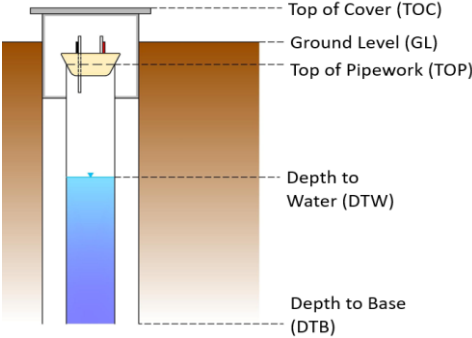
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------------|------------------|
| <b>Monitoring Date:</b> 30.09.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b>             |                         | 0                                                    |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>                       |                         |                                                      |                  |
| Steady state value are taken when there is no change                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | OVERCAST                             |                         | <b>Serial Number:</b> G508232                        |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | WET                                  |                         | <b>Daily Check:</b>                                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                |                                      |                         |                                                      |                  |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH315                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 3                                    |                         | <b>Test Number:</b>                                  |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | 1                                    |                         | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                      |                         |                                                      |                  |
| Time Start (hh:mm)                                                                  |                                                   |                                                  | 986                                                                                                                                                                                                                                                                                                                                                              |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                      |                         |                                                      |                  |
| Time End (hh:mm)                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                | Hydrogen sulphide (ppm) | LEL (%)                                              | PID (ppm)        |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 0                                                                                   |                                                   | 0                                                | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.01                                                              | 19.9                                           | 0                                    | 0                       | 0                                                    |                  |
| 5                                                                                   |                                                   | 15                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 0.07                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                | <b>LNAPL Top (from datum) (m):</b>   |                         |                                                      |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 26.94                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>   |                         |                                                      |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>           |                         |                                                      |                  |
|                                                                                     | <b>Purge Volume:</b> (ltrs)                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                      |                         |                                                      |                  |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No       |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water       |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Start (mb)</b>      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister End (mb)</b>        |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Duration (mins)</b> |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Depth (from datum)</b>            | <b>Sample Ref</b>       | <b>Type (EW / G)</b>                                 | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | TATA Steel                                                        |                                                | <b>Data Collected By:</b>            |                         | James Bloor                                          |                  |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloor                                                       |                                                | <b>Checked:</b>                      |                         |                                                      |                  |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 2072340                                                           |                                                | <b>Page number:</b>                  |                         |                                                      |                  |

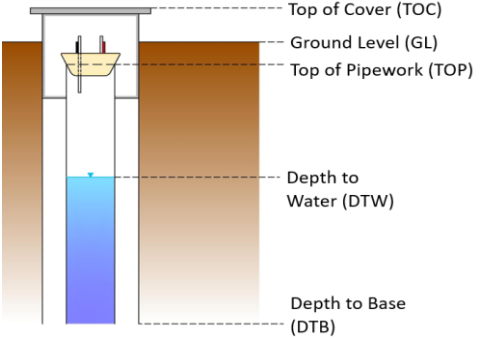
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------------|------------------|
| <b>Monitoring Date:</b> 30.09.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b>             |                         | 0                                                    |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>                       |                         |                                                      |                  |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | OVERCAST                             |                         | <b>Serial Number:</b> G508232                        |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | WET                                  |                         | <b>Daily Check:</b>                                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Falling                              |                         |                                                      |                  |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH317                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 3                                    |                         | <b>Test Number:</b>                                  |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | 1                                    |                         | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                      |                         |                                                      |                  |
| Time Start (hh:mm)                                                                  |                                                   |                                                  | 986                                                                                                                                                                                                                                                                                                                                                              |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                      |                         |                                                      |                  |
| Time End (hh:mm)                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                | Hydrogen sulphide (ppm) | LEL (%)                                              | PID (ppm)        |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 0                                                                                   |                                                   | 0                                                | 6.2                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 15.8                                           | 1                                    | 0                       | 0                                                    |                  |
| 5                                                                                   |                                                   | 15                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 2.15                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                                      |                         | <b>LNAPL Top (from datum) (m):</b>                   |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 16.09                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                |                                      |                         | <b>DNAPL Top (from datum) (m):</b>                   |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                                      |                         | <b>Water Observations:</b>                           |                  |
|                                                                                     | <b>Purge Volume:</b> (ltrs)                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No       |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water       |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Start (mb)</b>      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister End (mb)</b>        |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Duration (mins)</b> |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Depth (from datum)</b>            | <b>Sample Ref</b>       | <b>Type (EW / G)</b>                                 | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | TATA Steel                                                        |                                                | <b>Data Collected By:</b>            |                         | James Bloor                                          |                  |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloor                                                       |                                                | <b>Checked:</b>                      |                         |                                                      |                  |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 2072340                                                           |                                                | <b>Page number:</b>                  |                         |                                                      |                  |

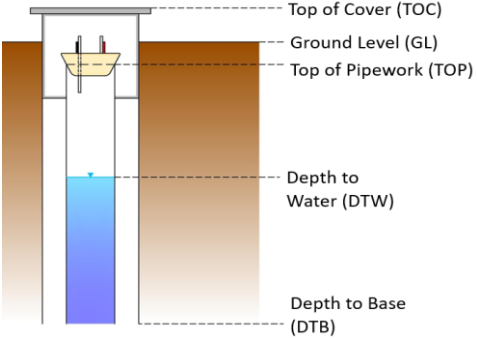
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------------|----------------------|
| <b>Monitoring Date:</b> 30.09.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b>             |                         | 0                                                    |                      |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>                       |                         |                                                      |                      |
| Steady state value are taken when there is no change                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | OVERCAST                             |                         | <b>Serial Number:</b> G508232                        |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | WET                                  |                         | <b>Daily Check:</b>                                  |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                      |                         |                                                      |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                |                                      |                         |                                                      |                      |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH322                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 3                                    |                         | <b>Test Number:</b>                                  |                      |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | 1                                    |                         | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                      |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                      |                         |                                                      |                      |
| Time Start (hh:mm)                                                                  |                                                   |                                                  | 986                                                                                                                                                                                                                                                                                                                                                              |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                      |                         |                                                      |                      |
| Time End (hh:mm)                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                | Hydrogen sulphide (ppm) | LEL (%)                                              | PID (ppm)            |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 0                                                                                   |                                                   | 0                                                | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 20.1                                           | 1                                    | 0                       | 0                                                    |                      |
| 5                                                                                   |                                                   | 15                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                      |                         |                                                      |                      |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 3.38                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                | <b>LNAPL Top (from datum) (m):</b>   |                         |                                                      |                      |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 13.2                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>   |                         |                                                      |                      |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>           |                         |                                                      |                      |
|                                                                                     | <b>Purge Volume:</b> (ltrs)                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                      |                         |                                                      |                      |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No       |                         |                                                      |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water       |                         |                                                      |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Start (mb)</b>      |                         |                                                      |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister End (mb)</b>        |                         |                                                      |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Duration (mins)</b> |                         |                                                      |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Depth (from datum)</b>            |                         | <b>Sample Ref</b>                                    | <b>Type (EW / G)</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                      |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | TATA Steel                                                        |                                                | <b>Data Collected By:</b>            |                         | James Bloor                                          |                      |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloor                                                       |                                                | <b>Checked:</b>                      |                         |                                                      |                      |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 2072340                                                           |                                                | <b>Page number:</b>                  |                         |                                                      |                      |

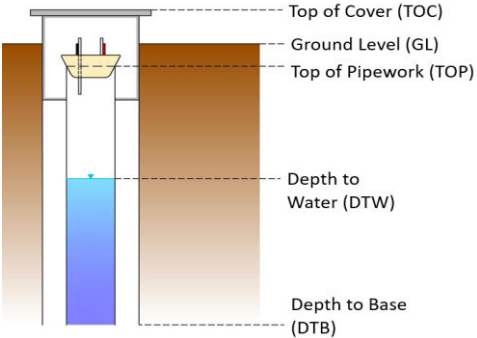
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------------------|-------------------------|------------------------------------------------------|------------------|
| <b>Monitoring Date:</b> 30.09.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b>             |                         | 0                                                    |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>                       |                         |                                                      |                  |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | OVERCAST                             |                         | <b>Serial Number:</b> G508232                        |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | WET                                  |                         | <b>Daily Check:</b>                                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                               |                         |                                                      |                  |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH324                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 3                                    |                         | <b>Test Number:</b>                                  |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | 1                                    |                         | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                      |                         |                                                      |                  |
| Time Start (hh:mm)                                                                  |                                                   |                                                  | 986                                                                                                                                                                                                                                                                                                                                                              |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                      |                         |                                                      |                  |
| Time End (hh:mm)                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                | Hydrogen sulphide (ppm) | LEL (%)                                              | PID (ppm)        |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 0                                                                                   |                                                   | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 20.1                                           | 0                                    | 0                       | 0                                                    |                  |
| 5                                                                                   |                                                   | 15                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.43                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                                      |                         | <b>LNAPL Top (from datum) (m):</b>                   |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 14.62                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                |                                      |                         | <b>DNAPL Top (from datum) (m):</b>                   |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                                      |                         | <b>Water Observations:</b>                           |                  |
|                                                                                     | <b>Purge Volume:</b> (ltrs)                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No       |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water       |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Start (mb)</b>      |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister End (mb)</b>        |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Duration (mins)</b> |                         |                                                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Depth (from datum)</b>            | <b>Sample Ref</b>       | <b>Type (EW / G)</b>                                 | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                      |                         |                                                      |                  |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | TATA Steel                                                        |                                                | <b>Data Collected By:</b>            |                         | James Bloor                                          |                  |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloor                                                       |                                                | <b>Checked:</b>                      |                         |                                                      |                  |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 2072340                                                           |                                                | <b>Page number:</b>                  |                         |                                                      |                  |

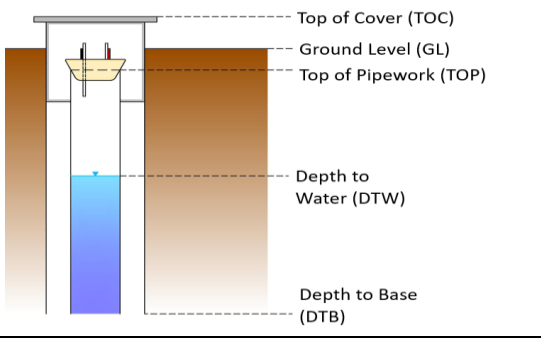
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|------------------------------------|---------------------------|------------------------------------------------------|-------------|
| <b>Monitoring Date:</b> 30.09.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b>           |                           | 0                                                    |             |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>                     |                           |                                                      |             |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | OVERCAST                           |                           | <b>Serial Number:</b> G508232                        |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | WET                                |                           | <b>Daily Check:</b>                                  |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                             |                           |                                                      |             |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH329                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 3                                  |                           | <b>Test Number:</b>                                  |             |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | 1                                  |                           | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |             |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                    |                           |                                                      |             |
| Time Start (hh:mm)                                                                  |                                                   |                                                  | 986                                                                                                                                                                                                                                                                                                                                                              |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                    |                           |                                                      |             |
| Time End (hh:mm)                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)              | Hydrogen sulphide (ppm)   | LEL (%)                                              | PID (ppm)   |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 0                                                                                   |                                                   | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 20.3                                           | 0                                  | 0                         | 0                                                    |             |
| 5                                                                                   |                                                   | 15                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                    |                           |                                                      |             |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 10.3                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                | <b>LNAPL Top (from datum) (m):</b> |                           |                                                      |             |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 17.1                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b> |                           |                                                      |             |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>         |                           |                                                      |             |
|                                                                                     | <b>Purge Volume:</b> (ltrs)                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
|  |                                                   |                                                  | <b>Post testing remarks:</b>                                                                                                                                                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                    |                           |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                  | <b>Type (EW / G)</b>      | <b>Container</b>                                     |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                    |                           |                                                      |             |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | TATA Steel                                     |                                    | <b>Data Collected By:</b> |                                                      | James Bloor |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloor                                    |                                    | <b>Checked:</b>           |                                                      |             |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 2072340                                        |                                    | <b>Page number:</b>       |                                                      |             |

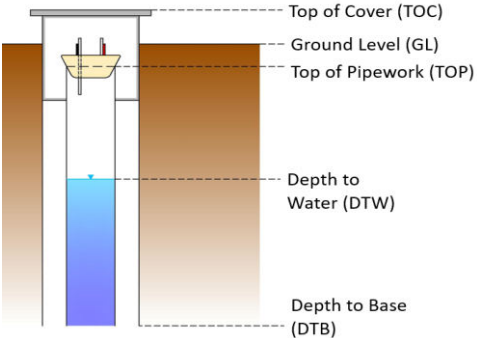
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------|---------------------------|------------------|-----------|
| <b>Monitoring Date:</b> 30.09.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> 0                           |                           |                  |           |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b> G508232                               |                           |                  |           |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | OVERCAST                                             |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | WET                                                  |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                                      |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                               |                           |                  |           |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH328                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 3                                 |                                                | <b>Test Number:</b>                                  |                           |                  |           |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |                           |                  |           |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                      |                           |                  |           |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 867                                                                                                                                                                                                                                                                                                                                                              |                                                                   | <b>Observations (e.g. on-site activities):</b> |                                                      |                           |                  |           |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                | Hydrogen sulphide (ppm)   | LEL (%)          | PID (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 0                                                                                   | 0.2                                               | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 20.3                                           | 0                                                    | 0                         |                  | N/A       |
| 5                                                                                   | 0.2                                               | 15                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 20.3                                           | 0                                                    | 0                         |                  |           |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.2                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                      |                           |                  |           |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.2                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 10.3                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                | <b>LNAPL Top (from datum) (m):</b>                   |                           |                  |           |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 17.7                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                   |                           |                  |           |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                           |                           |                  |           |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                      |                           |                  |           |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                                      |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                                      |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                                      |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                                      |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                                      |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                                    | <b>Type (EW / G)</b>      | <b>Container</b> |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                      |                           |                  |           |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                                                      | <b>Data Collected By:</b> |                  |           |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   | James Bloore                                   |                                                      | <b>Checked:</b>           |                  |           |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                                                      | <b>Page number:</b>       |                  |           |

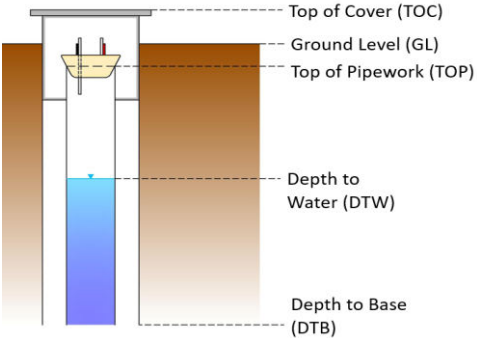
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|--------------------------------|------------------|------------------|
| <b>Monitoring Date:</b> 30.09.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0                              |                                |                  |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 13 °C                                     |                                                | <b>Device:</b> GA5000                                   |                                |                  |                  |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Sunny                                             |                                                | <b>Serial Number:</b> G507779                           |                                |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Dry                                     |                                                | <b>Daily Check:</b>                                     |                                |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                                                         |                                |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                                |                  |                  |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH330                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 3                                 |                                                | <b>Test Number:</b> 1                                   |                                |                  |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                                |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                                |                  |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         |                                |                  |                  |
| Time Start (hh:mm)                                                                  |                                                   |                                                  | 987                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | <b>Observations (e.g. on-site activities):</b> |                                                         |                                |                  |                  |
| Time End (hh:mm)                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | <b>Methane (%/vol)</b>                                                                                                                                                                                                                                                                                                                                           | <b>Carbon Dioxide (%/vol)</b>                                     | <b>Oxygen (%/vol)</b>                          | <b>Carbon monoxide (ppm)</b>                            | <b>Hydrogen sulphide (ppm)</b> | <b>LEL (%)</b>   | <b>PID (ppm)</b> |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| 0                                                                                   | 0                                                 | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21                                             | 0                                                       | 0                              |                  |                  |
| 5                                                                                   | 0                                                 | 15                                               | 1                                                                                                                                                                                                                                                                                                                                                                | 0.3                                                               | 19.8                                           | 1                                                       | 0                              |                  |                  |
| 10                                                                                  | 0                                                 | 30                                               | 1.1                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 19.6                                           | 1                                                       | 0                              |                  |                  |
| 15                                                                                  | 0                                                 | 60                                               | 1.1                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 19.6                                           | 1                                                       | 0                              |                  |                  |
| 20                                                                                  | 0                                                 | 90                                               | 1.1                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 19.6                                           | 1                                                       | 0                              |                  |                  |
| 25                                                                                  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| 30                                                                                  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| 40                                                                                  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| 50                                                                                  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| 60                                                                                  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| 90                                                                                  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| 120                                                                                 |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| 150                                                                                 |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| 180                                                                                 |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                                |                  |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 2.54                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                | <b>LNAPL Top (from datum) (m):</b>                      |                                |                  |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 6.5                                                                                                                                                                                                                                                                                                                                                              | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                                |                  |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                                |                  |                  |
|                                                                                     | <b>Purge Volume:</b> (ltrs)                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                                |                  |                  |
|  |                                                   |                                                  | <b>Post testing remarks:</b>                                                                                                                                                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                                         | No                             |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                                         | N/A                            |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                                         |                                |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                                         |                                |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                                         |                                |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                                       | <b>Type (EW / G)</b>           | <b>Container</b> |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |                  |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | EAF                                                               |                                                | <b>Data Collected By:</b>                               |                                | James Bloor      |                  |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                         |                                |                  |                  |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 315531                                                            |                                                | <b>Page number:</b>                                     |                                |                  |                  |

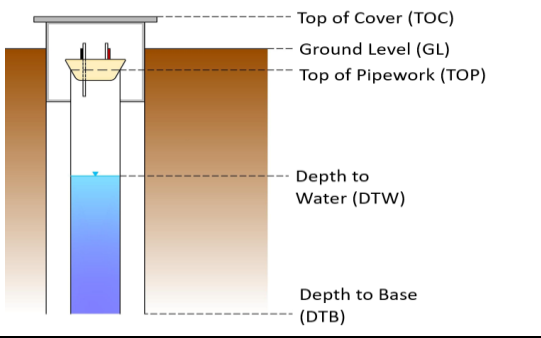
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|--------------------------|------------------------------------|------------------------------------------------------|-------------|
| <b>Monitoring Date:</b> 30.09.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>GL</b>                                                         |                                                | <b>Offset to GL (m):</b> |                                    | 0                                                    |             |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> °C                                        |                                                | <b>Device:</b>           |                                    | G508232                                              |             |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Sunny                    |                                    | <b>Serial Number:</b> G507779                        |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                      |                                    | <b>Daily Check:</b>                                  |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                |                          |                                    |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                   |                                    |                                                      |             |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH331                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b>                                   |                                                | 3                        |                                    | <b>Test Number:</b>                                  |             |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                |                          |                                    | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) |             |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                          |                                    |                                                      |             |
| Time Start (hh:mm)                                                                  | 10:00                                             |                                                  | 986                                                                                                                                                                                                                                                                                                                                                              |                                                                   | <b>Observations (e.g. on-site activities):</b> |                          |                                    |                                                      |             |
| Time End (hh:mm)                                                                    | 14:00                                             |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)    | Hydrogen sulphide (ppm)            | LEL (%)                                              | PID (ppm)   |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 0                                                                                   | 0.5                                               | 0                                                | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 18.5                                           | 2                        | 0                                  |                                                      | N/A         |
| 5                                                                                   | 0.5                                               | 15                                               | 0.3                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 18.5                                           | 2                        | 0                                  |                                                      |             |
| 10                                                                                  |                                                   | 30                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 15                                                                                  |                                                   | 60                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.5                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                          |                                    |                                                      |             |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.5                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 3.56                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      |                                                |                          | <b>LNAPL Top (from datum) (m):</b> |                                                      |             |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 8.13                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                |                          | <b>DNAPL Top (from datum) (m):</b> |                                                      |             |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Purge End:</b>                                                 |                                                |                          | <b>Water Observations:</b>         |                                                      |             |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                          |                                    |                                                      |             |
|  |                                                   |                                                  | <b>Post testing remarks:</b><br><br>Steady state value are taken when there is no change for 1 minute. All measurements taken from the current ground level.                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                          |                                    |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                          |                                    |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                          |                                    |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                          |                                    |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                          |                                    |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>        | <b>Type (EW / G)</b>               | <b>Container</b>                                     |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                          |                                    |                                                      |             |
|  |                                                   |                                                  | <b>Contract Name:</b>                                                                                                                                                                                                                                                                                                                                            |                                                                   | EAF Pproject                                   |                          | <b>Data Collected By:</b>          |                                                      | James Bloor |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b>                                                                                                                                                                                                                                                                                                                               |                                                                   |                                                |                          | <b>Checked:</b>                    |                                                      |             |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b>                                                                                                                                                                                                                                                                                                                                             |                                                                   | 315531                                         |                          | <b>Page number:</b>                |                                                      |             |

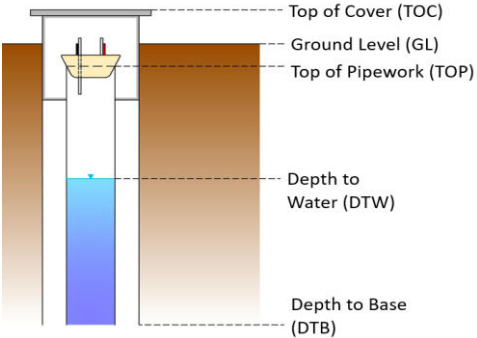
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|
| <b>Monitoring Date:</b> 29.10.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0                              |                         |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 13 °C                                     |                                                | <b>Device:</b> GA5000                                   |                         |
| Stable pressure                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Sunny                                             |                                                | <b>Serial Number:</b> NA                                |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Wet                                     |                                                | <b>Daily Check:</b>                                     |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| <b>Exploratory Position ID:</b> BH301                                               |                                                   | <b>Monitoring Round Number:</b> 4                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |
| Time Start (hh:mm)                                                                  | 12:11                                             | 13:11                                            | 1023                                                                                                                                                                                                                                                                                                                                                             | 0.02                                                              | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |
| Time End (hh:mm)                                                                    | 12:14                                             | 13:21                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |
| 0                                                                                   | 0                                                 | 0                                                | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 21.1                                           | 1                                                       |                         |
| 5                                                                                   | 0                                                 | 15                                               | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.2                                           | 13                                                      |                         |
| 10                                                                                  | 0                                                 | 30                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 15.9                                           | 1                                                       |                         |
| 15                                                                                  | 0                                                 | 60                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 15.8                                           |                                                         |                         |
| 20                                                                                  |                                                   | 90                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 15.8                                           |                                                         |                         |
| 25                                                                                  |                                                   | 120                                              | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 15.8                                           |                                                         |                         |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.38                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 12:11:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 20.1                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |
|  |                                                   |                                                  | <b>Post testing remarks:</b>                                                                                                                                                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                                         | No                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                                         | N/A                     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                                         |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                                         |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                                         |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                                       | <b>Type (EW / G)</b>    |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |
|  |                                                   |                                                  | <b>Contract Name:</b> EAF                                                                                                                                                                                                                                                                                                                                        |                                                                   | <b>Data Collected By:</b> Jagan Raj            |                                                         |                         |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b> James Bloore                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Checked:</b>                                |                                                         |                         |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b> 315531                                                                                                                                                                                                                                                                                                                                      |                                                                   | <b>Page number:</b>                            |                                                         |                         |

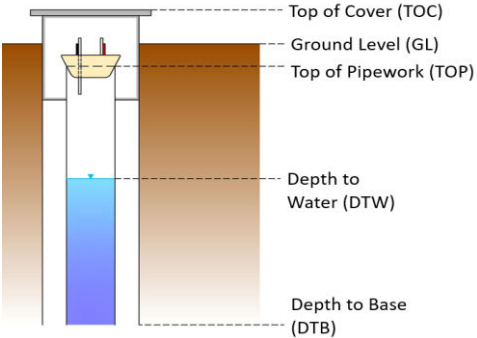
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                      |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|--------------------------------|----------------------|------------------|
| <b>Monitoring Date:</b> 29.10.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.25                           |                                |                      |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 13 °C                                     |                                                | <b>Device:</b> GA5000                                   |                                |                      |                  |
| Stable pressure                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Sunny                                             |                                                | <b>Serial Number:</b> NA                                |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Wet                                     |                                                | <b>Daily Check:</b>                                     |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | <b>Light</b>                                            |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | <b>Rising</b>                                           |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                      |                  |
| <b>Exploratory Position ID:</b> BH311                                               |                                                   | <b>Monitoring Round Number:</b> 4                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                                |                      |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                                |                      |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                         |                      |                  |
| Time Start (hh:mm)                                                                  | 13:44                                             | 13:44                                            | 1023                                                                                                                                                                                                                                                                                                                                                             | 0.05                                                              | <b>Observations (e.g. on-site activities):</b> |                                                         |                                |                      |                  |
| Time End (hh:mm)                                                                    | 13:47                                             | 13:54                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                      |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | <b>Methane (%/vol)</b>                                                                                                                                                                                                                                                                                                                                           | <b>Carbon Dioxide (%/vol)</b>                                     | <b>Oxygen (%/vol)</b>                          | <b>Carbon monoxide (ppm)</b>                            | <b>Hydrogen sulphide (ppm)</b> |                      |                  |
| <b>Time of flow monitoring (sec)</b>                                                | <b>Flow Reading (l/hr)</b>                        | <b>Time of gas monitoring (sec)</b>              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | <b>LEL (%)</b>                 |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | <b>PID (ppm)</b>               |                      |                  |
| 0                                                                                   | 0                                                 | 0                                                | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.9                                           | 0                                                       | 0                              |                      |                  |
| 5                                                                                   | 0                                                 | 15                                               | 2.8                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 18.6                                           | 1                                                       | 0                              |                      |                  |
| 10                                                                                  | 0                                                 | 30                                               | 5.3                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 18.2                                           | 1                                                       | 0                              |                      |                  |
| 15                                                                                  | 0                                                 | 60                                               | 5.9                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 18.2                                           | 2                                                       | 0                              |                      |                  |
| 20                                                                                  |                                                   | 90                                               | 5.9                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 18.2                                           | 2                                                       | 0                              |                      |                  |
| 25                                                                                  |                                                   | 120                                              | 5.9                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 18.2                                           | 2                                                       | 0                              |                      |                  |
| 30                                                                                  |                                                   | 180                                              | 6                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 18.2                                           | 2                                                       | 0                              |                      |                  |
| 40                                                                                  |                                                   | 240                                              | 6                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 18.2                                           | 2                                                       | 0                              |                      |                  |
| 50                                                                                  |                                                   | 300                                              | 6                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 18.2                                           | 3                                                       | 0                              |                      |                  |
| 60                                                                                  |                                                   | 360                                              | 5.7                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 18.4                                           | 3                                                       | 0                              |                      |                  |
| 90                                                                                  |                                                   | 420                                              | 5.3                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 18.6                                           | 3                                                       | 0                              |                      |                  |
| 120                                                                                 |                                                   | 480                                              | 5.1                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 18.7                                           | 3                                                       | 0                              |                      |                  |
| 150                                                                                 |                                                   | 540                                              | 4.8                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 18.8                                           | 3                                                       | 0                              |                      |                  |
| 180                                                                                 |                                                   | 600                                              | 4.5                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 19                                             | 3                                                       | 0                              |                      |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                                |                      |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                      |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW): (m)</b>     |                                                  | 7.79                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 13:44:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                                |                      |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB): (m)</b> |                                                  | 8.15                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                                |                      |                  |
|                                                                                     | <b>Hole Purged: Yes / No</b>                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                                |                      |                  |
|                                                                                     | <b>Purge Volume: (ltrs)</b>                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                                |                      |                  |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken: Yes / No</b> No                       |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media: Gas/Water</b> N/A                      |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Start (mb)</b>                         |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister End (mb)</b>                           |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Duration (mins)</b>                    |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Depth (from datum)</b>                               | <b>Sample Ref</b>              | <b>Type (EW / G)</b> | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                      |                  |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b> Rachael Lockyer                         |                                                |                                                         |                                |                      |                  |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b> James Bloore  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Checked:</b>                                                   |                                                |                                                         |                                |                      |                  |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                                |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                      |                  |

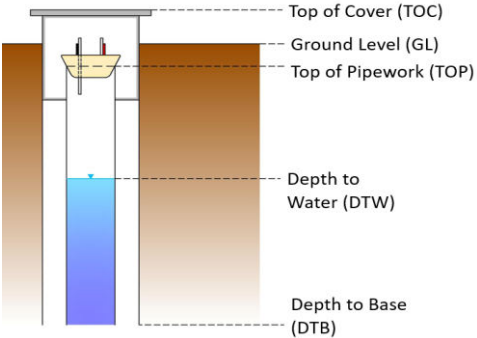
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 29.10.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.05                           |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 13 °C                                     |                                                | <b>Device:</b> GA5000                                   |                         |     |
| Stable pressure                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Sunny                                             |                                                | <b>Serial Number:</b> NA                                |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Wet                                     |                                                | <b>Daily Check:</b>                                     |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Exploratory Position ID:</b> BH315                                               |                                                   | <b>Monitoring Round Number:</b> 4                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Double                  |     |
| Time Start (hh:mm)                                                                  | 09:52                                             | 09:52                                            | 1024                                                                                                                                                                                                                                                                                                                                                             | 0.02                                                              | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |     |
| Time End (hh:mm)                                                                    | 09:55                                             | 10:02                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |     |
| 0                                                                                   | 0                                                 | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 19.8                                           | 0                                                       | 0                       |     |
| 5                                                                                   | 0                                                 | 15                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 18.3                                           | 2                                                       | 0                       |     |
| 10                                                                                  | 0                                                 | 30                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 17.8                                           | 2                                                       | 0                       |     |
| 15                                                                                  | 0                                                 | 60                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 17.7                                           | 1                                                       | 0                       |     |
| 20                                                                                  | 0                                                 | 90                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 17.7                                           | 1                                                       | 0                       |     |
| 25                                                                                  |                                                   | 120                                              | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 17.7                                           | 1                                                       | 0                       |     |
| 30                                                                                  |                                                   | 180                                              | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 17.7                                           | 1                                                       | 0                       |     |
| 40                                                                                  |                                                   | 240                                              | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 17.7                                           | 1                                                       | 0                       |     |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.19                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 09:52:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 15.42                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                    | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b>                                         |                                                | Rachael Lockyer                                         |                         |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                         |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                         |     |

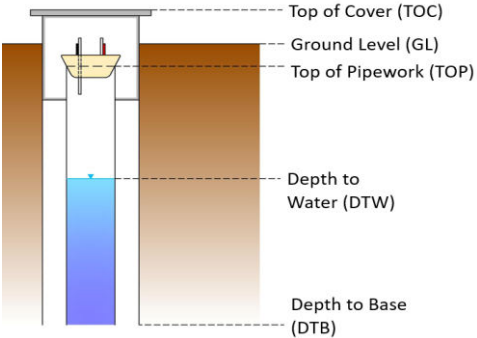
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 29.10.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOP</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.3                             |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 13 °C                                     |                                                | <b>Device:</b> GA5000                                    |                         |     |
| Stable pressure                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Sunny                                             |                                                | <b>Serial Number:</b> NA                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Wet                                     |                                                | <b>Daily Check:</b>                                      |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                    |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                   |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |     |
| <b>Exploratory Position ID:</b> BH317                                               |                                                   | <b>Monitoring Round Number:</b> 4                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                          |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                  |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm / 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                          | Single                  |     |
| Time Start (hh:mm)                                                                  | 10:36                                             | 10:36                                            | 1025                                                                                                                                                                                                                                                                                                                                                             | 5.5                                                               | <b>Observations (e.g. on-site activities):</b> |                                                          |                         |     |
| Time End (hh:mm)                                                                    | 10:39                                             | 10:46                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                    | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          | LEL (%)                 |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          | PID (ppm)               |     |
| 0                                                                                   | 0                                                 | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21.3                                           | 0                                                        | 0                       |     |
| 5                                                                                   | 0                                                 | 15                                               | 93.3                                                                                                                                                                                                                                                                                                                                                             | 1.8                                                               | 0.4                                            | 1                                                        | 0                       |     |
| 10                                                                                  | 0                                                 | 30                                               | 93.8                                                                                                                                                                                                                                                                                                                                                             | 1.8                                                               | 0.2                                            | 1                                                        | 0                       |     |
| 15                                                                                  | 0                                                 | 60                                               | 93.8                                                                                                                                                                                                                                                                                                                                                             | 1.8                                                               | 0.2                                            | 1                                                        | 0                       |     |
| 20                                                                                  | 0                                                 | 90                                               | 93.9                                                                                                                                                                                                                                                                                                                                                             | 1.8                                                               | 0.2                                            | 1                                                        | 0                       |     |
| 25                                                                                  | 0                                                 | 120                                              | 94                                                                                                                                                                                                                                                                                                                                                               | 1.8                                                               | 0.1                                            | 1                                                        | 0                       |     |
| 30                                                                                  | 0                                                 | 180                                              | 93.9                                                                                                                                                                                                                                                                                                                                                             | 1.8                                                               | 0.1                                            | 1                                                        | 0                       |     |
| 40                                                                                  |                                                   | 240                                              | 84.3                                                                                                                                                                                                                                                                                                                                                             | 1.6                                                               | 3.2                                            | 0                                                        | 8                       |     |
| 50                                                                                  |                                                   | 300                                              | 60.1                                                                                                                                                                                                                                                                                                                                                             | 1.2                                                               | 7.3                                            | 0                                                        | 0                       |     |
| 60                                                                                  |                                                   | 360                                              | 39.3                                                                                                                                                                                                                                                                                                                                                             | 0.8                                                               | 11.6                                           | 0                                                        | 0                       |     |
| 90                                                                                  |                                                   | 420                                              | 36.1                                                                                                                                                                                                                                                                                                                                                             | 0.7                                                               | 12.3                                           | 0                                                        | 0                       |     |
| 120                                                                                 |                                                   | 480                                              | 33.7                                                                                                                                                                                                                                                                                                                                                             | 0.7                                                               | 12.9                                           | 0                                                        | 0                       |     |
| 150                                                                                 |                                                   | 540                                              | 29.7                                                                                                                                                                                                                                                                                                                                                             | 0.6                                                               | 13.9                                           | 0                                                        | 0                       |     |
| 180                                                                                 |                                                   | 600                                              | 27.7                                                                                                                                                                                                                                                                                                                                                             | 0.6                                                               | 14.4                                           | 0                                                        | 0                       |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                          |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 2.45                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 10:36:00                                       | <b>LNAPL Top (from datum) (m):</b>                       |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 6.82                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                       |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                               |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                          |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                           |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                           |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                          |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                          |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                          |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                     | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |     |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b>                                         |                                                | Rachael Lockyer                                          |                         |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                          |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Page number:</b>                                      |                         |     |

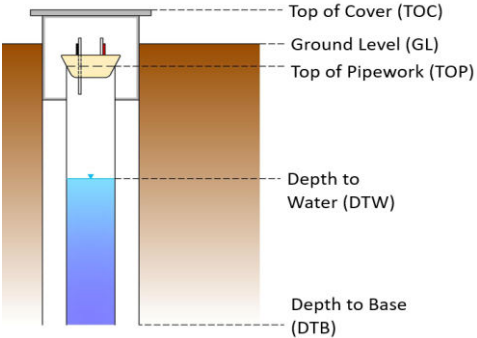
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 29.10.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.35                           |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 13 °C                                     |                                                | <b>Device:</b> GA5000                                   |                         |     |
| Stable pressure                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Sunny                                             |                                                | <b>Serial Number:</b> NA                                |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Wet                                     |                                                | <b>Daily Check:</b>                                     |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Exploratory Position ID:</b> BH324                                               |                                                   | <b>Monitoring Round Number:</b> 4                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |     |
| Time Start (hh:mm)                                                                  | 14:58                                             | 14:58                                            | 1023                                                                                                                                                                                                                                                                                                                                                             | 0.02                                                              | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |     |
| Time End (hh:mm)                                                                    | 15:01                                             | 15:08                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |     |
| 0                                                                                   | 0                                                 | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 20.6                                           | 0                                                       | 0                       |     |
| 5                                                                                   | 0                                                 | 15                                               | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 20.8                                           | 2                                                       | 0                       |     |
| 10                                                                                  | 0                                                 | 30                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 20.9                                           | 2                                                       | 0                       |     |
| 15                                                                                  | 0                                                 | 60                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 20.9                                           | 2                                                       | 0                       |     |
| 20                                                                                  |                                                   | 90                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 20.9                                           | 2                                                       | 0                       |     |
| 25                                                                                  |                                                   | 120                                              | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21                                             | 2                                                       | 0                       |     |
| 30                                                                                  |                                                   | 180                                              | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21                                             | 2                                                       | 0                       |     |
| 40                                                                                  |                                                   | 240                                              | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21                                             | 2                                                       | 0                       |     |
| 50                                                                                  |                                                   | 300                                              | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21                                             | 2                                                       | 0                       |     |
| 60                                                                                  |                                                   | 360                                              | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21                                             | 1                                                       | 0                       |     |
| 90                                                                                  |                                                   | 420                                              | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21.1                                           | 2                                                       | 0                       |     |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.29                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 14:58:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 2.4                                                                                                                                                                                                                                                                                                                                                              | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                    | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b>                                         |                                                | Rachael Lockyer                                         |                         |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                         |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                         |     |

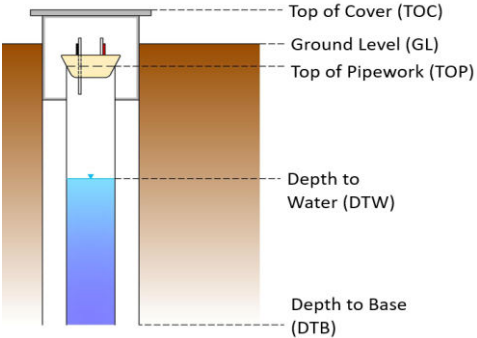
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 29.10.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.25                           |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 13 °C                                     |                                                | <b>Device:</b> GA5000                                   |                         |     |
| Stable pressure                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Sunny                                             |                                                | <b>Serial Number:</b> NA                                |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Wet                                     |                                                | <b>Daily Check:</b>                                     |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Exploratory Position ID:</b> BH328                                               |                                                   | <b>Monitoring Round Number:</b> 4                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |     |
| Time Start (hh:mm)                                                                  | 13:17                                             | 13:17                                            | 1023                                                                                                                                                                                                                                                                                                                                                             | 5.55                                                              | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |     |
| Time End (hh:mm)                                                                    | 13:20                                             | 13:27                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |     |
| 0                                                                                   | 0                                                 | 0                                                |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |     |
| 5                                                                                   | 0                                                 | 15                                               | 26.6                                                                                                                                                                                                                                                                                                                                                             | 10.6                                                              | 1.3                                            | 2                                                       | 0                       |     |
| 10                                                                                  | 0                                                 | 30                                               | 26.8                                                                                                                                                                                                                                                                                                                                                             | 10.7                                                              | 0.3                                            | 2                                                       | 0                       |     |
| 15                                                                                  | 0                                                 | 60                                               | 26.9                                                                                                                                                                                                                                                                                                                                                             | 10.8                                                              | 0.2                                            | 1                                                       | 0                       |     |
| 20                                                                                  | 0                                                 | 90                                               | 26.9                                                                                                                                                                                                                                                                                                                                                             | 10.8                                                              | 0.2                                            | 1                                                       | 0                       |     |
| 25                                                                                  | 0                                                 | 120                                              | 26.9                                                                                                                                                                                                                                                                                                                                                             | 10.8                                                              | 0.1                                            | 1                                                       | 0                       |     |
| 30                                                                                  |                                                   | 180                                              | 26.9                                                                                                                                                                                                                                                                                                                                                             | 10.8                                                              | 0.1                                            | 1                                                       | 0                       |     |
| 40                                                                                  |                                                   | 240                                              | 27                                                                                                                                                                                                                                                                                                                                                               | 10.8                                                              | 0.1                                            | 1                                                       | 0                       |     |
| 50                                                                                  |                                                   | 300                                              | 27                                                                                                                                                                                                                                                                                                                                                               | 10.8                                                              | 0.1                                            | 1                                                       | 0                       |     |
| 60                                                                                  |                                                   | 360                                              | 27                                                                                                                                                                                                                                                                                                                                                               | 10.8                                                              | 0                                              | 1                                                       | 0                       |     |
| 90                                                                                  |                                                   | 420                                              | 27.1                                                                                                                                                                                                                                                                                                                                                             | 10.8                                                              | 0                                              | 1                                                       | 0                       |     |
| 120                                                                                 |                                                   | 480                                              | 27.1                                                                                                                                                                                                                                                                                                                                                             | 10.8                                                              | 0                                              | 0                                                       | 0                       |     |
| 150                                                                                 |                                                   | 540                                              | 27.2                                                                                                                                                                                                                                                                                                                                                             | 10.8                                                              | 0                                              | 1                                                       | 0                       |     |
| 180                                                                                 |                                                   | 600                                              | 27.2                                                                                                                                                                                                                                                                                                                                                             | 10.8                                                              | 0                                              | 1                                                       | 0                       |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 10.61                                                                                                                                                                                                                                                                                                                                                            | <b>Time:</b>                                                      | 13:17:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 18.09                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                    | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b>                                         |                                                | Rachael Lockyer                                         |                         |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                         |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                         |     |

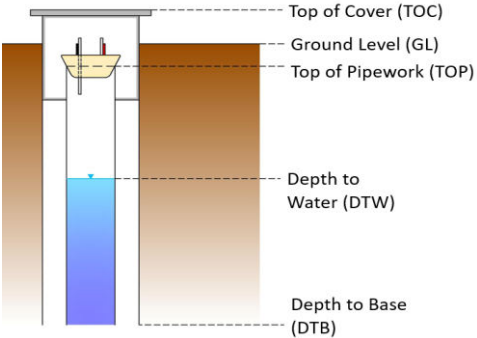
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 29.10.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.3                            |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 13 °C                                     |                                                | <b>Device:</b> GA5000                                   |                         |     |
| Stable pressure                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Sunny                                             |                                                | <b>Serial Number:</b> NA                                |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Wet                                     |                                                | <b>Daily Check:</b>                                     |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Exploratory Position ID:</b> BH329                                               |                                                   | <b>Monitoring Round Number:</b> 4                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |     |
| Time Start (hh:mm)                                                                  | 11:42                                             | 11:42                                            | 1023                                                                                                                                                                                                                                                                                                                                                             | 5                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |     |
| Time End (hh:mm)                                                                    | 11:45                                             | 11:52                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |     |
| 0                                                                                   | 0                                                 | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21.4                                           | 0                                                       | 0                       |     |
| 5                                                                                   | 0                                                 | 15                                               | 2                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 17.5                                           | 2                                                       | 0                       |     |
| 10                                                                                  | 0                                                 | 30                                               | 3.1                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 17.2                                           | 2                                                       | 0                       |     |
| 15                                                                                  | 0                                                 | 60                                               | 3.2                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 17.2                                           | 1                                                       | 0                       |     |
| 20                                                                                  | 0                                                 | 90                                               | 3.2                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 17.2                                           | 2                                                       | 0                       |     |
| 25                                                                                  | 0                                                 | 120                                              | 3.3                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 17.1                                           | 2                                                       | 0                       |     |
| 30                                                                                  | 0                                                 | 180                                              | 3.3                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 17.1                                           | 2                                                       | 0                       |     |
| 40                                                                                  |                                                   | 240                                              | 3.3                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 17.1                                           | 2                                                       | 0                       |     |
| 50                                                                                  |                                                   | 300                                              | 3.3                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 17.1                                           | 1                                                       | 0                       |     |
| 60                                                                                  |                                                   | 360                                              | 3.3                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 17                                             | 2                                                       | 0                       |     |
| 90                                                                                  |                                                   | 420                                              | 3.4                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 16.9                                           | 1                                                       | 0                       |     |
| 120                                                                                 |                                                   | 480                                              | 3.5                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 16.9                                           | 1                                                       | 0                       |     |
| 150                                                                                 |                                                   | 540                                              | 3.5                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 16.9                                           | 1                                                       | 0                       |     |
| 180                                                                                 |                                                   | 600                                              | 3.5                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 16.9                                           | 1                                                       | 0                       |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 10.33                                                                                                                                                                                                                                                                                                                                                            | <b>Time:</b>                                                      | 11:42:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 11.68                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                    | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b>                                         |                                                | Rachael Lockyer                                         |                         |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                         |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                         |     |

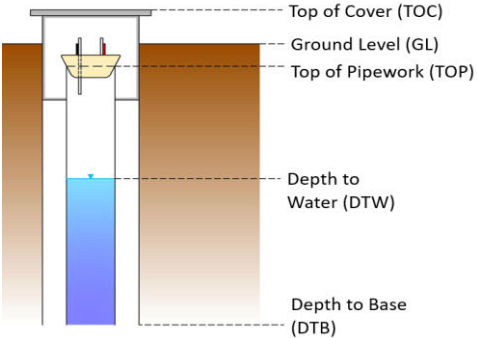
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 29.10.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.2                            |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 13 °C                                     |                                                | <b>Device:</b> GA5000                                   |                         |     |
| Stable pressure                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Sunny                                             |                                                | <b>Serial Number:</b> NA                                |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Wet                                     |                                                | <b>Daily Check:</b>                                     |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Exploratory Position ID:</b> BH330                                               |                                                   | <b>Monitoring Round Number:</b> 4                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Double                  |     |
| Time Start (hh:mm)                                                                  | 10:54                                             | 10:54                                            | 1025                                                                                                                                                                                                                                                                                                                                                             | 0.3                                                               | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |     |
| Time End (hh:mm)                                                                    | 10:57                                             | 11:04                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |     |
| 0                                                                                   | 0                                                 | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21                                             | 0                                                       | 0                       |     |
| 5                                                                                   | 0                                                 | 15                                               | 1                                                                                                                                                                                                                                                                                                                                                                | 0.3                                                               | 19.8                                           | 1                                                       | 0                       |     |
| 10                                                                                  | 0                                                 | 30                                               | 1.1                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 19.6                                           | 1                                                       | 0                       |     |
| 15                                                                                  | 0                                                 | 60                                               | 1.1                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 19.6                                           | 1                                                       | 0                       |     |
| 20                                                                                  | 0                                                 | 90                                               | 1.1                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 19.6                                           | 1                                                       | 0                       |     |
| 25                                                                                  |                                                   | 120                                              | 1.1                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 19.5                                           | 1                                                       | 0                       |     |
| 30                                                                                  |                                                   | 180                                              | 1                                                                                                                                                                                                                                                                                                                                                                | 0.3                                                               | 19.6                                           | 1                                                       | 0                       |     |
| 40                                                                                  |                                                   | 240                                              | 0.8                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 19.6                                           | 0                                                       | 0                       |     |
| 50                                                                                  |                                                   | 300                                              | 0.7                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 19.6                                           | 1                                                       | 0                       |     |
| 60                                                                                  |                                                   | 360                                              | 0.7                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 19.6                                           | 0                                                       | 0                       |     |
| 90                                                                                  |                                                   | 420                                              | 0.7                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 19.5                                           | 1                                                       | 0                       |     |
| 120                                                                                 |                                                   | 480                                              | 0.6                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 19.5                                           | 1                                                       | 0                       |     |
| 150                                                                                 |                                                   | 540                                              | 0.6                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 19.5                                           | 1                                                       | 0                       |     |
| 180                                                                                 |                                                   | 600                                              | 0.6                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 19.4                                           | 1                                                       | 0                       |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 2.5                                                                                                                                                                                                                                                                                                                                                              | <b>Time:</b>                                                      | 10:54:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 6.5                                                                                                                                                                                                                                                                                                                                                              | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                    | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b>                                         |                                                | Rachael Lockyer                                         |                         |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                         |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                         |     |

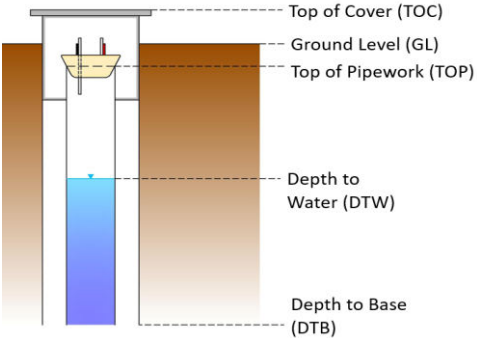
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 29.10.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.1                            |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16°C                                      |                                                | <b>Device:</b> GA5000                                   |                         |     |
| Stable pressure                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Sunny                                             |                                                | <b>Serial Number:</b> NA                                |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Wet                                     |                                                | <b>Daily Check:</b>                                     |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Exploratory Position ID:</b> BH331                                               |                                                   | <b>Monitoring Round Number:</b> 4                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |     |
| Time Start (hh:mm)                                                                  | 11:55                                             | 12:00                                            | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |     |
| Time End (hh:mm)                                                                    | 12:00                                             | 12:10                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |     |
| 0                                                                                   | 0                                                 | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21.2                                           | 1                                                       |                         |     |
| 5                                                                                   | 0                                                 | 15                                               | 0.3                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.4                                           | 4                                                       |                         |     |
| 10                                                                                  | 0                                                 | 30                                               | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.3                                           | 1                                                       |                         |     |
| 15                                                                                  | 0                                                 | 60                                               | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.3                                           | 1                                                       |                         |     |
| 20                                                                                  |                                                   | 90                                               | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.3                                           | 1                                                       |                         |     |
| 25                                                                                  |                                                   | 120                                              | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.3                                           | 1                                                       |                         |     |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 3.28                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 12:00:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 8.3                                                                                                                                                                                                                                                                                                                                                              | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                    | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b> Jagan Raj                               |                                                |                                                         |                         |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b> James Bloore  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Checked:</b>                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                         |     |

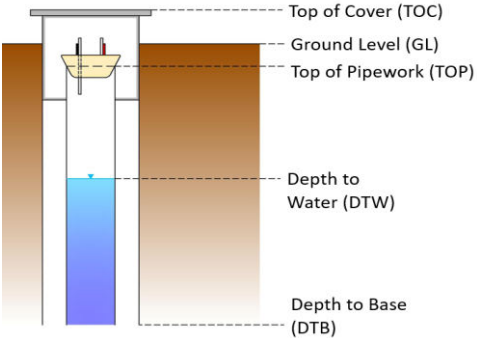
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|----------------------|------------------|
| <b>Monitoring Date:</b> 14.11.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0                              |                         |                      |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16°C                                      |                                                | <b>Device:</b> GA5000                                   |                         |                      |                  |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Cloudy, dry ground                                |                                                | <b>Serial Number:</b> NA                                |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Dry                                     |                                                | <b>Daily Check:</b>                                     |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | <b>Light</b>                                            |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | <b>Rising</b>                                           |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Exploratory Position ID:</b> BH301                                               |                                                   | <b>Monitoring Round Number:</b> 5                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |                      |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |                      |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         |                         |                      |                  |
| Time Start (hh:mm)                                                                  | 13:11                                             | 13:11                                            | 1032                                                                                                                                                                                                                                                                                                                                                             | 0                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |                      |                  |
| Time End (hh:mm)                                                                    | 13:14                                             | 13:21                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |                      |                  |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |                      |                  |
| 0                                                                                   | 0                                                 | 0                                                | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 21.1                                           | 1                                                       |                         |                      |                  |
| 5                                                                                   | 0                                                 | 15                                               | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.2                                           | 13                                                      |                         |                      |                  |
| 10                                                                                  | 0                                                 | 30                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 15.9                                           | 1                                                       |                         |                      |                  |
| 15                                                                                  | 0                                                 | 60                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 15.8                                           |                                                         |                         |                      |                  |
| 20                                                                                  |                                                   | 90                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 15.8                                           |                                                         |                         |                      |                  |
| 25                                                                                  |                                                   | 120                                              | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 15.8                                           |                                                         |                         |                      |                  |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.4                                                                                                                                                                                                                                                                                                                                                              | <b>Time:</b>                                                      | 13:11:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |                      |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 20.1                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |                      |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |                      |                  |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |                      |                  |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No                   |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Start (mb)</b>                         |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister End (mb)</b>                           |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Duration (mins)</b>                    |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Depth (from datum)</b>                               | <b>Sample Ref</b>       | <b>Type (EW / G)</b> | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b> Jagan Raj                               |                                                |                                                         |                         |                      |                  |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b> James Bloore  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Checked:</b>                                                   |                                                |                                                         |                         |                      |                  |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                         |                      |                  |

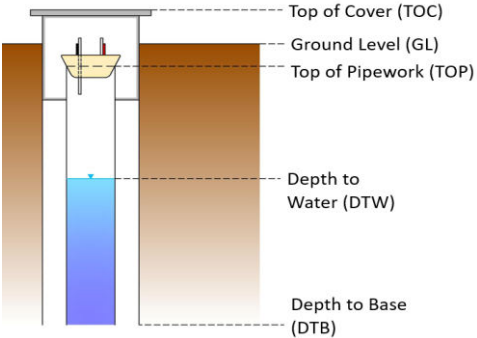
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|----------------------|------------------|
| <b>Monitoring Date:</b> 14.11.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.25                           |                         |                      |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16°C                                      |                                                | <b>Device:</b> GA5000                                   |                         |                      |                  |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Cloudy, dry ground                                      |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                                                     |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State: (if applicable) High / Low / Rising / Falling</b> |                                                | Rising                                                  |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH311                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 5                                 |                                                | <b>Test Number:</b> 1                                   |                         |                      |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |                      |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |                      |                  |
| Time Start (hh:mm)                                                                  | 11:11                                             | 11:11                                            | 1032                                                                                                                                                                                                                                                                                                                                                             | 0                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |                      |                  |
| Time End (hh:mm)                                                                    | 11:14                                             | 11:21                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |                      |                  |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |                      |                  |
| 0                                                                                   | 0                                                 | 0                                                | 1.1                                                                                                                                                                                                                                                                                                                                                              | 0.3                                                               | 20.1                                           |                                                         |                         |                      |                  |
| 5                                                                                   | 0                                                 | 15                                               | 5.8                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 18.3                                           | 1                                                       |                         |                      |                  |
| 10                                                                                  | 0                                                 | 30                                               | 5.9                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.9                                           | 1                                                       |                         |                      |                  |
| 15                                                                                  | 0                                                 | 60                                               | 5.9                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.9                                           | 2                                                       |                         |                      |                  |
| 20                                                                                  | 0                                                 | 90                                               | 5.9                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.9                                           | 2                                                       |                         |                      |                  |
| 25                                                                                  |                                                   | 120                                              | 5.9                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.9                                           | 2                                                       |                         |                      |                  |
| 30                                                                                  |                                                   | 180                                              | 5.9                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 17.9                                           | 2                                                       |                         |                      |                  |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 7.33                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 11:11:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |                      |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 8.1                                                                                                                                                                                                                                                                                                                                                              | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |                      |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |                      |                  |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |                      |                  |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No                   |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Start (mb)</b>                         |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister End (mb)</b>                           |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Duration (mins)</b>                    |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Depth (from datum)</b>                               | <b>Sample Ref</b>       | <b>Type (EW / G)</b> | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Contract Name:</b>                                             |                                                | EAF                                                     |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Project Manager / Engineer:</b>                                |                                                | James Bloore                                            |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Contract Ref:</b>                                              |                                                | 315531                                                  |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b>                                         |                                                | Jagan Raj                                               |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Checked:</b>                                                   |                                                |                                                         |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                         |                      |                  |

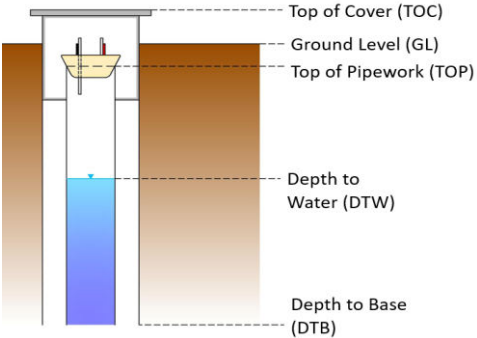
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------|-------------------------|
| <b>Monitoring Date:</b> 14.11.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0                               |                         |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16°C                                      |                                                | <b>Device:</b> GA5000                                    |                         |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Cloudy, dry ground                                |                                                | <b>Serial Number:</b> NA                                 |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Dry                                     |                                                | <b>Daily Check:</b>                                      |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | <b>Light</b>                                             |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | <b>Rising</b>                                            |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| <b>Exploratory Position ID:</b> BH315                                               |                                                   | <b>Monitoring Round Number:</b> 5                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                          |                         |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                  |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm / 40mm / 50mm / Other (mm) 50 |                         |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                          | Double                  |
| Time Start (hh:mm)                                                                  | 13:39                                             | 13:39                                            | 1031                                                                                                                                                                                                                                                                                                                                                             | 0                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                          |                         |
| Time End (hh:mm)                                                                    | 13:42                                             | 13:49                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                    | Hydrogen sulphide (ppm) |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          | LEL (%)                 |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          | PID (ppm)               |
| 0                                                                                   | 0                                                 | 0                                                | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 21.3                                           |                                                          |                         |
| 5                                                                                   | 0                                                 | 15                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 20.1                                           |                                                          |                         |
| 10                                                                                  | 0                                                 | 30                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 20.1                                           |                                                          |                         |
| 15                                                                                  | 0                                                 | 60                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0.1                                                               | 20.1                                           | 2                                                        |                         |
| 20                                                                                  |                                                   | 90                                               |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| 25                                                                                  |                                                   | 120                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                          |                         |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.32                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 13:39:00                                       | <b>LNAPL Top (from datum) (m):</b>                       |                         |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 15.35                                                                                                                                                                                                                                                                                                                                                            | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                       |                         |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                               |                         |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                          |                         |
|  |                                                   |                                                  | <b>Post testing remarks:</b>                                                                                                                                                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                                          | No                      |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                                          | N/A                     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                                          |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                                          |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                                          |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                                        | <b>Type (EW / G)</b>    |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                          |                         |
|  |                                                   |                                                  | <b>Contract Name:</b> EAF                                                                                                                                                                                                                                                                                                                                        |                                                                   | <b>Data Collected By:</b> Jagan Raj            |                                                          |                         |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b> James Bloore                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Checked:</b>                                |                                                          |                         |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b> 315531                                                                                                                                                                                                                                                                                                                                      |                                                                   | <b>Page number:</b>                            |                                                          |                         |

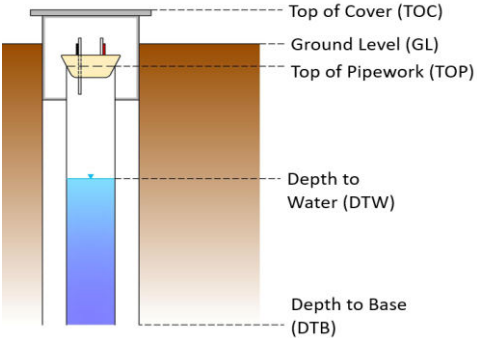
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 14.11.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.4                            |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16°C                                      |                                                | <b>Device:</b> GA5000                                   |                         |     |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Cloudy, dry ground                                |                                                | <b>Serial Number:</b> NA                                |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Dry                                     |                                                | <b>Daily Check:</b>                                     |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | <b>Light</b>                                            |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | <b>Rising</b>                                           |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Exploratory Position ID:</b> BH317                                               |                                                   | <b>Monitoring Round Number:</b> 5                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |     |
| Time Start (hh:mm)                                                                  | 09:55                                             | 09:55                                            | 1032                                                                                                                                                                                                                                                                                                                                                             | 0                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |     |
| Time End (hh:mm)                                                                    | 09:58                                             | 10:05                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |     |
| 0                                                                                   | 0                                                 | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 1                                                                 | 21                                             | 1                                                       |                         |     |
| 5                                                                                   | 0                                                 | 15                                               | 93.2                                                                                                                                                                                                                                                                                                                                                             | 1.9                                                               | 12                                             |                                                         |                         |     |
| 10                                                                                  | 0.1                                               | 30                                               | 93.9                                                                                                                                                                                                                                                                                                                                                             | 2                                                                 | 1.5                                            | 1                                                       | 0                       |     |
| 15                                                                                  | 0.1                                               | 60                                               | 94                                                                                                                                                                                                                                                                                                                                                               | 2                                                                 | 0.3                                            | 1                                                       | 3                       |     |
| 20                                                                                  | 0.1                                               | 90                                               | 94.1                                                                                                                                                                                                                                                                                                                                                             | 2                                                                 | 0.2                                            | 1                                                       | 3                       |     |
| 25                                                                                  | 0.1                                               | 120                                              | 94.1                                                                                                                                                                                                                                                                                                                                                             | 2                                                                 | 0.2                                            | 1                                                       |                         |     |
| 30                                                                                  | 0.1                                               | 180                                              | 94.1                                                                                                                                                                                                                                                                                                                                                             | 2                                                                 | 0.2                                            | 1                                                       | 3                       |     |
| 40                                                                                  |                                                   | 240                                              | 94.1                                                                                                                                                                                                                                                                                                                                                             | 2                                                                 | 0.2                                            | 1                                                       | 3                       |     |
| 50                                                                                  |                                                   | 300                                              | 94.1                                                                                                                                                                                                                                                                                                                                                             | 2                                                                 | 0.2                                            | 1                                                       | 3                       |     |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 2.65                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 09:55:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 16.3                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                    | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b> Jagan Raj                               |                                                |                                                         |                         |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b> James Bloore  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Checked:</b>                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                         |     |

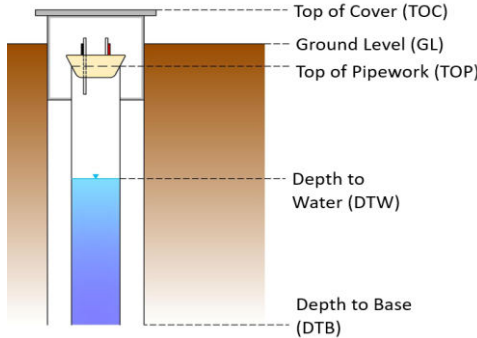
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 14.11.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.25                           |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16°C                                      |                                                | <b>Device:</b> GA5000                                   |                         |     |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Cloudy, dry ground                                      |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                                                     |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH322                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 5                                 |                                                | <b>Test Number:</b> 1                                   |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |     |
| Time Start (hh:mm)                                                                  | 11:28                                             | 11:28                                            | 1032                                                                                                                                                                                                                                                                                                                                                             | 0                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |     |
| Time End (hh:mm)                                                                    | 11:31                                             | 11:38                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |     |
| 0                                                                                   | 0                                                 | 0                                                | 0.1                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.8                                           | 1                                                       |                         |     |
| 5                                                                                   | 0.1                                               | 15                                               | 2.3                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 16                                             | 10                                                      |                         |     |
| 10                                                                                  | 0.2                                               | 30                                               | 4.1                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 15                                             | 2                                                       |                         |     |
| 15                                                                                  | 0.1                                               | 60                                               | 4.5                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 15                                             | 1                                                       |                         |     |
| 20                                                                                  | 0.1                                               | 90                                               | 4.5                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 15                                             | 1                                                       |                         |     |
| 25                                                                                  | 0.1                                               | 120                                              | 4.5                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 15                                             | 1                                                       |                         |     |
| 30                                                                                  | 0.1                                               | 180                                              | 4.5                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 15                                             | 1                                                       |                         |     |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.2                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 3.37                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 11:28:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 11.1                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                    | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | EAF                                                               | <b>Data Collected By:</b>                      |                                                         | Jagan Raj               |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      | <b>Checked:</b>                                |                                                         |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 315531                                                            | <b>Page number:</b>                            |                                                         |                         |     |

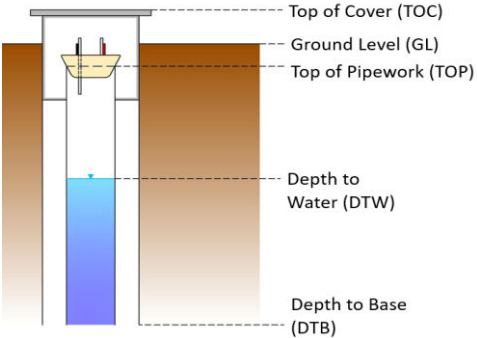
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|----------------------|------------------|
| <b>Monitoring Date:</b> 14.11.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.35                           |                         |                      |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16°C                                      |                                                | <b>Device:</b> GA5000                                   |                         |                      |                  |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Cloudy, dry ground                                      |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                                                     |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH324                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 5                                 |                                                | <b>Test Number:</b> 1                                   |                         |                      |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |                      |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |                      |                  |
| Time Start (hh:mm)                                                                  | 11:39                                             | 11:39                                            | 1032                                                                                                                                                                                                                                                                                                                                                             | 0                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |                      |                  |
| Time End (hh:mm)                                                                    | 11:42                                             | 11:49                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |                      |                  |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |                      |                  |
| 0                                                                                   | 0                                                 | 0                                                | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.7                                           | 1                                                       |                         |                      |                  |
| 5                                                                                   | 0                                                 | 15                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 20.7                                           | 2                                                       |                         |                      |                  |
| 10                                                                                  | 0                                                 | 30                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 20.7                                           | 1                                                       |                         |                      |                  |
| 15                                                                                  | 0                                                 | 60                                               | 0.2                                                                                                                                                                                                                                                                                                                                                              | 0                                                                 | 20.7                                           | 1                                                       |                         |                      |                  |
| 20                                                                                  |                                                   | 90                                               | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21                                             | 1                                                       |                         |                      |                  |
| 25                                                                                  |                                                   | 120                                              | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21                                             | 0                                                       |                         |                      |                  |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 1.68                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 11:39:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |                      |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 15                                                                                                                                                                                                                                                                                                                                                               | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |                      |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |                      |                  |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |                      |                  |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No                   |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A                  |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Start (mb)</b>                         |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister End (mb)</b>                           |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Gas Cannister Duration (mins)</b>                    |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Depth (from datum)</b>                               | <b>Sample Ref</b>       | <b>Type (EW / G)</b> | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                      |                  |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | EAF                                                               |                                                | <b>Data Collected By:</b>                               |                         | Jagan Raj            |                  |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      |                                                | <b>Checked:</b>                                         |                         |                      |                  |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 315531                                                            |                                                | <b>Page number:</b>                                     |                         |                      |                  |

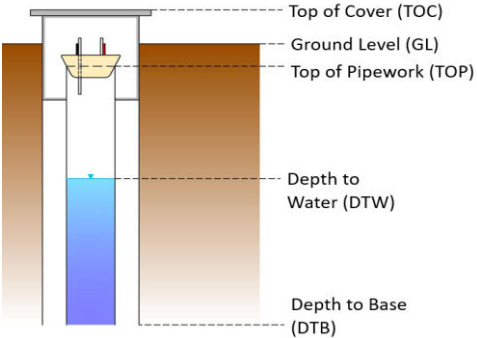
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 14.11.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.25                           |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16 °C                                     |                                                | <b>Device:</b> GAS5000                                  |                         |     |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Cloudy, dry ground                                |                                                | <b>Serial Number:</b> NA                                |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Dry                                     |                                                | <b>Daily Check:</b>                                     |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | <b>Light</b>                                            |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | <b>Rising</b>                                           |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Exploratory Position ID:</b> BH328                                               |                                                   | <b>Monitoring Round Number:</b> 5                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |     |
| Time Start (hh:mm)                                                                  | 10:59                                             | 10:59                                            | 1032                                                                                                                                                                                                                                                                                                                                                             | 0                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |     |
| Time End (hh:mm)                                                                    | 11:02                                             | 11:09                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |     |
| 0                                                                                   | 0                                                 | 0                                                | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.7                                           | 1                                                       |                         |     |
| 5                                                                                   | 0                                                 | 15                                               | 24.8                                                                                                                                                                                                                                                                                                                                                             | 9.4                                                               | 5                                              | 3                                                       |                         |     |
| 10                                                                                  | 0                                                 | 30                                               | 24.9                                                                                                                                                                                                                                                                                                                                                             | 9.5                                                               | 0.4                                            | 4                                                       |                         |     |
| 15                                                                                  | 0                                                 | 60                                               | 24.9                                                                                                                                                                                                                                                                                                                                                             | 9.6                                                               | 0.2                                            | 4                                                       |                         |     |
| 20                                                                                  |                                                   | 90                                               | 25                                                                                                                                                                                                                                                                                                                                                               | 9.6                                                               | 0.1                                            | 4                                                       |                         |     |
| 25                                                                                  |                                                   | 120                                              | 25                                                                                                                                                                                                                                                                                                                                                               | 9.6                                                               | 0.1                                            | 3                                                       |                         |     |
| 30                                                                                  |                                                   | 180                                              | 25                                                                                                                                                                                                                                                                                                                                                               | 9.6                                                               | 0.1                                            | 3                                                       |                         |     |
| 40                                                                                  |                                                   | 240                                              | 25                                                                                                                                                                                                                                                                                                                                                               | 9.6                                                               | 0.1                                            | 3                                                       |                         |     |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 10.75                                                                                                                                                                                                                                                                                                                                                            | <b>Time:</b>                                                      | 10:59:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 17.9                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                    | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b> Jagan Raj                               |                                                |                                                         |                         |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b> James Bloore  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Checked:</b>                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                         |     |

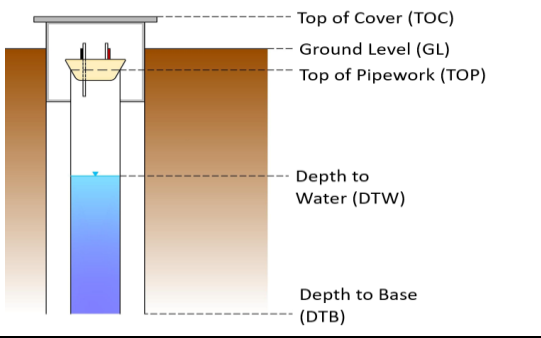
# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|------------------|
| <b>Monitoring Date:</b> 14.11.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.3                            |                         |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16 °C                                     |                                                | <b>Device:</b> GAS5000                                  |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Dry                                               |                                                | <b>Serial Number:</b> NA                                |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Dry                                     |                                                | <b>Daily Check:</b>                                     |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | <b>Light</b>                                            |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State: (if applicable) High / Low / Rising / Falling</b> |                                                | <b>NA</b>                                               |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
| <b>Exploratory Position ID:</b> BH329                                               |                                                   | <b>Monitoring Round Number:</b> 5                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                         |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                  |                  |
| Time Start (hh:mm)                                                                  | 10:39                                             | 10:39                                            | 1031                                                                                                                                                                                                                                                                                                                                                             | 0.05                                                              | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |                  |
| Time End (hh:mm)                                                                    | 10:42                                             | 10:49                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |                  |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |                  |
| 0                                                                                   | 0                                                 | 0                                                | 8                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21                                             |                                                         |                         |                  |
| 5                                                                                   | 0                                                 | 15                                               | 1.7                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 17.9                                           |                                                         | 80                      |                  |
| 10                                                                                  | 0                                                 | 30                                               | 2.9                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 16.8                                           | 1                                                       | 88                      |                  |
| 15                                                                                  | 0                                                 | 60                                               | 3.2                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 16.7                                           | 1                                                       | 80                      |                  |
| 20                                                                                  | 0                                                 | 90                                               | 3.3                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 16.7                                           | 1                                                       | 88                      |                  |
| 25                                                                                  |                                                   | 120                                              | 3.3                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 16.7                                           | 1                                                       | 80                      |                  |
| 30                                                                                  |                                                   | 180                                              | 3.3                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 16.7                                           | 1                                                       | 80                      |                  |
| 40                                                                                  |                                                   | 240                                              | 3.3                                                                                                                                                                                                                                                                                                                                                              | 0.2                                                               | 16.7                                           | 1                                                       | 80                      |                  |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 11.3                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 10:39:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 11.5                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |                  |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |                  |
|  |                                                   |                                                  | <b>Post testing remarks:</b>                                                                                                                                                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                                         | No                      |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                                         | N/A                     |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                                         |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                                         |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                                         |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                                       | <b>Type (EW / G)</b>    | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |                  |
|  |                                                   |                                                  | <b>Contract Name:</b> EAF                                                                                                                                                                                                                                                                                                                                        |                                                                   | <b>Data Collected By:</b> Jagan Raj            |                                                         |                         |                  |
|                                                                                     |                                                   |                                                  | <b>Project Manager / Engineer:</b> James Bloore                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Checked:</b>                                |                                                         |                         |                  |
|                                                                                     |                                                   |                                                  | <b>Contract Ref:</b> 315531                                                                                                                                                                                                                                                                                                                                      |                                                                   | <b>Page number:</b>                            |                                                         |                         |                  |

# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|-------------------------|-----|
| <b>Monitoring Date:</b> 14.11.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.2                            |                         |     |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16°C                                      |                                                | <b>Device:</b> GA5000                                   |                         |     |
| Falling pressure                                                                    |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b>                                                   |                                                | Cloudy, dry ground                                      |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b>                                         |                                                | Dry                                                     |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | Light                                                   |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | Rising                                                  |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Exploratory Position ID:</b>                                                     |                                                   | BH330                                            |                                                                                                                                                                                                                                                                                                                                                                  | <b>Monitoring Round Number:</b> 5                                 |                                                | <b>Test Number:</b> 1                                   |                         |     |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                         |     |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Double                  |     |
| Time Start (hh:mm)                                                                  | 12:07                                             | 12:07                                            | 1032                                                                                                                                                                                                                                                                                                                                                             | 0                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                         |                         |     |
| Time End (hh:mm)                                                                    | 12:10                                             | 12:17                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | Methane (%/vol)                                                                                                                                                                                                                                                                                                                                                  | Carbon Dioxide (%/vol)                                            | Oxygen (%/vol)                                 | Carbon monoxide (ppm)                                   | Hydrogen sulphide (ppm) |     |
| Time of flow monitoring (sec)                                                       | Flow Reading (l/hr)                               | Time of gas monitoring (sec)                     |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | LEL (%)                 |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | PID (ppm)               |     |
| 0                                                                                   | 0.1                                               | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21.1                                           | 1                                                       |                         |     |
| 5                                                                                   | 0.1                                               | 15                                               | 1.2                                                                                                                                                                                                                                                                                                                                                              | 0.4                                                               | 20.9                                           | 2                                                       |                         |     |
| 10                                                                                  | 0.1                                               | 30                                               | 1.2                                                                                                                                                                                                                                                                                                                                                              | 0.4                                                               | 19.9                                           | 1                                                       |                         |     |
| 15                                                                                  | 0.1                                               | 60                                               | 1.3                                                                                                                                                                                                                                                                                                                                                              | 0.4                                                               | 19.6                                           | 1                                                       |                         |     |
| 20                                                                                  |                                                   | 90                                               | 1.2                                                                                                                                                                                                                                                                                                                                                              | 0.4                                                               | 19.6                                           | 1                                                       |                         |     |
| 25                                                                                  |                                                   | 120                                              | 1.3                                                                                                                                                                                                                                                                                                                                                              | 0.4                                                               | 19.6                                           | 1                                                       |                         |     |
| 30                                                                                  |                                                   | 180                                              | 1.3                                                                                                                                                                                                                                                                                                                                                              | 0.4                                                               | 19.6                                           | 1                                                       |                         |     |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0.1                                               |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                         |     |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0.1                                               |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 2.15                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 12:07:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 32.1                                                                                                                                                                                                                                                                                                                                                             | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                         |     |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                         |     |
|                                                                                     | <b>Purge Volume:</b> (l/hrs)                      |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW) (m)</b>                                       |                                                |                                                         |                         |     |
|  |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post testing remarks:</b>                                      |                                                | <b>Samples Taken:</b> Yes / No                          |                         | No  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Sample Media:</b> Gas/Water                          |                         | N/A |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Start (mb)</b>                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister End (mb)</b>                                     |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Gas Cannister Duration (mins)</b>                              |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Depth (from datum)</b>                                         | <b>Sample Ref</b>                              | <b>Type (EW / G)</b>                                    | <b>Container</b>        |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                         |     |
|  |                                                   | <b>Contract Name:</b>                            |                                                                                                                                                                                                                                                                                                                                                                  | EAF                                                               | <b>Data Collected By:</b>                      |                                                         | Jagan Raj               |     |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b>               |                                                                                                                                                                                                                                                                                                                                                                  | James Bloore                                                      | <b>Checked:</b>                                |                                                         |                         |     |
|                                                                                     |                                                   | <b>Contract Ref:</b>                             |                                                                                                                                                                                                                                                                                                                                                                  | 315531                                                            | <b>Page number:</b>                            |                                                         |                         |     |

# GAS MONITORING FIELD SHEET

|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------|--------------------------------|------------------|
| <b>Monitoring Date:</b> 14.11.2024                                                  |                                                   | <b>Measurement datum:</b> TOC / GL / TOP / Other |                                                                                                                                                                                                                                                                                                                                                                  | <b>TOC</b>                                                        |                                                | <b>Offset to GL (m):</b> 0.1                            |                                |                  |
| <b>Pre-Testing Remarks:</b>                                                         |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Air Temperature:</b> 16°C                                      |                                                | <b>Device:</b> GA5000                                   |                                |                  |
| <b>Falling pressure</b>                                                             |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Weather:</b> Cloudy, dry ground                                |                                                | <b>Serial Number:</b> NA                                |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Ground Conditions:</b> Dry                                     |                                                | <b>Daily Check:</b>                                     |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Wind:</b> NONE / LIGHT / MEDIUM / STRONG                       |                                                | <b>Light</b>                                            |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Tidal State:</b> (if applicable) High / Low / Rising / Falling |                                                | <b>Rising</b>                                           |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| <b>Exploratory Position ID:</b> BH331                                               |                                                   | <b>Monitoring Round Number:</b> 5                |                                                                                                                                                                                                                                                                                                                                                                  | <b>Test Number:</b> 1                                             |                                                |                                                         |                                |                  |
| <b>Install Type:</b> SINGLE / DOUBLE                                                |                                                   | Single                                           |                                                                                                                                                                                                                                                                                                                                                                  | <b>Pipe Ref:</b> 1) Shallow 2) Deep                               |                                                | Shallow                                                 |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                | <b>Pipe Diameter:</b> 19mm/ 40mm / 50mm / Other (mm) 50 |                                |                  |
| <b>Time of Monitoring (hh:mm)</b>                                                   | Flow readings                                     | Gas readings                                     | Atmospheric Pressure (mb)                                                                                                                                                                                                                                                                                                                                        | Differential Pressure (mb)                                        | <b>Gas tap:</b> SINGLE / DOUBLE                |                                                         | Single                         |                  |
| Time Start (hh:mm)                                                                  | 12:00                                             | 12:00                                            | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | <b>Observations (e.g. on-site activities):</b> |                                                         |                                |                  |
| Time End (hh:mm)                                                                    | 12:03                                             | 12:10                                            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| <b>Stage 1 Flow Readings</b>                                                        | <b>Stage 1 Flow Readings</b>                      | <b>Stage 2 Gas Monitoring:</b>                   | <b>Methane (%/vol)</b>                                                                                                                                                                                                                                                                                                                                           | <b>Carbon Dioxide (%/vol)</b>                                     | <b>Oxygen (%/vol)</b>                          | <b>Carbon monoxide (ppm)</b>                            | <b>Hydrogen sulphide (ppm)</b> |                  |
| <b>Time of flow monitoring (sec)</b>                                                | <b>Flow Reading (l/hr)</b>                        | <b>Time of gas monitoring (sec)</b>              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | <b>LEL (%)</b>                 |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         | <b>PID (ppm)</b>               |                  |
| 0                                                                                   | 0                                                 | 0                                                | 0                                                                                                                                                                                                                                                                                                                                                                | 0                                                                 | 21.2                                           | 1                                                       |                                |                  |
| 5                                                                                   | 0                                                 | 15                                               | 0.3                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.4                                           | 4                                                       |                                |                  |
| 10                                                                                  | 0                                                 | 30                                               | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.3                                           | 1                                                       |                                |                  |
| 15                                                                                  | 0                                                 | 60                                               | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.3                                           | 1                                                       |                                |                  |
| 20                                                                                  |                                                   | 90                                               | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.3                                           | 1                                                       |                                |                  |
| 25                                                                                  |                                                   | 120                                              | 0.4                                                                                                                                                                                                                                                                                                                                                              | 0.1                                                               | 20.3                                           | 1                                                       |                                |                  |
| 30                                                                                  |                                                   | 180                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| 40                                                                                  |                                                   | 240                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| 50                                                                                  |                                                   | 300                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| 60                                                                                  |                                                   | 360                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| 90                                                                                  |                                                   | 420                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| 120                                                                                 |                                                   | 480                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| 150                                                                                 |                                                   | 540                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| 180                                                                                 |                                                   | 600                                              |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| <b>Stage 1 gas flow - Peak (l/h)</b>                                                | 0                                                 |                                                  | <b>Note:</b> Flow should be recorded at 5 second intervals up to 30 seconds, 10 second intervals to 2 minutes and 30 second intervals up to 3 minutes or until steady-state readings are obtained. Typically, steady state conditions occur within 30 seconds to a minute. The differential pressure reading (in Pa) should also be recorded during this period. |                                                                   |                                                |                                                         |                                |                  |
| <b>Stage 1 gas flow - Steady State (l/h)</b>                                        | 0                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
| <b>STAGE 3 WATER LEVEL OBSERVATION</b>                                              | <b>Depth (from datum) to water (DTW):</b> (m)     |                                                  | 3.24                                                                                                                                                                                                                                                                                                                                                             | <b>Time:</b>                                                      | 12:00:00                                       | <b>LNAPL Top (from datum) (m):</b>                      |                                |                  |
|                                                                                     | <b>Depth (from datum) to well base (DTB):</b> (m) |                                                  | 8.3                                                                                                                                                                                                                                                                                                                                                              | <b>Purge Start:</b>                                               |                                                | <b>DNAPL Top (from datum) (m):</b>                      |                                |                  |
|                                                                                     | <b>Hole Purged:</b> Yes / No                      |                                                  | No                                                                                                                                                                                                                                                                                                                                                               | <b>Purge End:</b>                                                 |                                                | <b>Water Observations:</b>                              |                                |                  |
|                                                                                     | <b>Purge Volume:</b> (ltrs)                       |                                                  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Post-Purge (DTW):</b> (m)                                      |                                                |                                                         |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
|  |                                                   |                                                  | <b>Post testing remarks:</b>                                                                                                                                                                                                                                                                                                                                     |                                                                   | <b>Samples Taken:</b> Yes / No                 |                                                         | No                             |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Sample Media:</b> Gas/Water                 |                                                         | N/A                            |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Start (mb)</b>                |                                                         |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister End (mb)</b>                  |                                                         |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Gas Cannister Duration (mins)</b>           |                                                         |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   | <b>Depth (from datum)</b>                      | <b>Sample Ref</b>                                       | <b>Type (EW / G)</b>           | <b>Container</b> |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
|                                                                                     |                                                   |                                                  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                |                                                         |                                |                  |
|  |                                                   | <b>Contract Name:</b> EAF                        |                                                                                                                                                                                                                                                                                                                                                                  | <b>Data Collected By:</b> Jagan Raj                               |                                                |                                                         |                                |                  |
|                                                                                     |                                                   | <b>Project Manager / Engineer:</b> James Bloore  |                                                                                                                                                                                                                                                                                                                                                                  | <b>Checked:</b>                                                   |                                                |                                                         |                                |                  |
|                                                                                     |                                                   | <b>Contract Ref:</b> 315531                      |                                                                                                                                                                                                                                                                                                                                                                  | <b>Page number:</b>                                               |                                                |                                                         |                                |                  |

## **APPENDIX F**

### **LABORATORY CERTIFICATES FOR SOIL ANALYSIS**

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# Amended Report

|                        |                                                                                 |                     |             |
|------------------------|---------------------------------------------------------------------------------|---------------------|-------------|
| Report No.:            | 24-18337-7                                                                      |                     |             |
| Initial Date of Issue: | 01-Jul-2024                                                                     | Date of Re-Issue:   | 29-Nov-2024 |
| Re-Issue Details:      | This report has been revised and directly supersedes 24-18337-6 in its entirety |                     |             |
| Client                 | RSK Geosciences                                                                 |                     |             |
| Client Address:        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                     |             |
| Contact(s):            | Rachel Cann                                                                     |                     |             |
| Project                | 315531 EAF Meltshop                                                             |                     |             |
| Quotation No.:         | Q24-35208                                                                       | Date Received:      | 11-Jun-2024 |
| Order No.:             | P02150967                                                                       | Date Instructed:    | 20-Jun-2024 |
| No. of Samples:        | 7                                                                               |                     |             |
| Turnaround (Wkdays):   | 27                                                                              | Results Due:        | 26-Jul-2024 |
| Date Approved:         | 24-Jul-2024                                                                     | Subcon Results Due: | 26-Jul-2024 |

Approved By:

Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

# Amended Report

|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-18339-2                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 01-Jul-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-18339-1 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                          |             |
| <b>Contact(s):</b>            | Rachel Cann                                                                     |                          |             |
| <b>Project</b>                | EAF 315531 Port Tablet                                                          |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 11-Jun-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>  | 20-Jun-2024 |
| <b>No. of Samples:</b>        | 6                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 8                                                                               | <b>Results Due:</b>      | 01-Jul-2024 |
| <b>Date Approved:</b>         | 27-Jun-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

# Amended Report

|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-19025-2                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 01-Jul-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-19025-1 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                          |             |
| <b>Contact(s):</b>            | Rachel Cann                                                                     |                          |             |
| <b>Project</b>                | EAF 315531 Port Talbet                                                          |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 17-Jun-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>  | 20-Jun-2024 |
| <b>No. of Samples:</b>        | 6                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 8                                                                               | <b>Results Due:</b>      | 01-Jul-2024 |
| <b>Date Approved:</b>         | 27-Jun-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

# Amended Report

|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-19335-2                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 01-Jul-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-19335-1 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                          |             |
| <b>Contact(s):</b>            | Rachel Cann                                                                     |                          |             |
| <b>Project</b>                | EAF 315531 Port Talber                                                          |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 19-Jun-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>  | 20-Jun-2024 |
| <b>No. of Samples:</b>        | 2                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 8                                                                               | <b>Results Due:</b>      | 01-Jul-2024 |
| <b>Date Approved:</b>         | 27-Jun-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

# Amended Report

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|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-19915-2                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 16-Jul-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-19915-1 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                          |             |
| <b>Contact(s):</b>            | Rachel Cann                                                                     |                          |             |
| <b>Project</b>                | 315531 EAF Project                                                              |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 24-Jun-2024 |
| <b>Order No.:</b>             | PO2150967                                                                       | <b>Date Instructed:</b>  | 10-Jul-2024 |
| <b>No. of Samples:</b>        | 8                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 5                                                                               | <b>Results Due:</b>      | 16-Jul-2024 |
| <b>Date Approved:</b>         | 16-Jul-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

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# Amended Report

|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-21511-2                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 16-Jul-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-21511-1 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                          |             |
| <b>Contact(s):</b>            | Rachel Cann                                                                     |                          |             |
| <b>Project</b>                | EAF Project                                                                     |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 08-Jul-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>  | 10-Jul-2024 |
| <b>No. of Samples:</b>        | 5                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 5                                                                               | <b>Results Due:</b>      | 16-Jul-2024 |
| <b>Date Approved:</b>         | 16-Jul-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

# Amended Report

|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-21980-5                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 19-Jul-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-21980-4 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                          |             |
| <b>Contact(s):</b>            | James Bloore                                                                    |                          |             |
| <b>Project</b>                | 315531 Port Talbot (Tata Steel EAF)                                             |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 11-Jul-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>  | 12-Jul-2024 |
| <b>No. of Samples:</b>        | 4                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 12                                                                              | <b>Results Due:</b>      | 29-Jul-2024 |
| <b>Date Approved:</b>         | 31-Jul-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

# Amended Report

|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-22474-5                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 21-Jul-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-22474-4 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                          |             |
| <b>Contact(s):</b>            | James Bloore                                                                    |                          |             |
| <b>Project</b>                | 315531 Port Talbot - TATA STEEL<br>EAF (Project Invictus)                       |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 16-Jul-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>  | 16-Jul-2024 |
| <b>No. of Samples:</b>        | 5                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 9                                                                               | <b>Results Due:</b>      | 26-Jul-2024 |
| <b>Date Approved:</b>         | 24-Jul-2024                                                                     |                          |             |
| <b>Approved By:</b>           |                                                                                 |                          |             |



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

# Amended Report

|                               |                                                                                     |                          |             |
|-------------------------------|-------------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-24075-3                                                                          |                          |             |
| <b>Initial Date of Issue:</b> | 12-Aug-2024                                                                         | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-24075-2 in its entirety     |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                     |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                               |                          |             |
| <b>Contact(s):</b>            | James Bloore                                                                        |                          |             |
| <b>Project</b>                | 315531 TATA STEEL WAF - PORT TALBOT                                                 |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                           | <b>Date Received:</b>    | 29-Jul-2024 |
| <b>Order No.:</b>             | 13653                                                                               | <b>Date Instructed:</b>  | 29-Jul-2024 |
| <b>No. of Samples:</b>        | 9                                                                                   |                          |             |
| <b>Turnaround (Wkdays):</b>   | 11                                                                                  | <b>Results Due:</b>      | 12-Aug-2024 |
| <b>Date Approved:</b>         | 12-Aug-2024                                                                         |                          |             |
| <b>Approved By:</b>           |  |                          |             |
| <b>Details:</b>               | David Smith, Technical Director                                                     |                          |             |

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

# Amended Report

|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-25386-4                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 19-Aug-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-25386-3 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                          |             |
| <b>Contact(s):</b>            | James Bloore                                                                    |                          |             |
| <b>Project</b>                | 315531                                                                          |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 08-Aug-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>  | 08-Aug-2024 |
| <b>No. of Samples:</b>        | 3                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 5                                                                               | <b>Results Due:</b>      | 14-Aug-2024 |
| <b>Date Approved:</b>         | 19-Aug-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

# Amended Report

|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-25641-4                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 15-Aug-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-25641-3 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                          |             |
| <b>Contact(s):</b>            | James Bloore                                                                    |                          |             |
| <b>Project</b>                | 315531                                                                          |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 11-Aug-2024 |
| <b>Order No.:</b>             | 315531                                                                          | <b>Date Instructed:</b>  | 11-Aug-2024 |
| <b>No. of Samples:</b>        | 7                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 5                                                                               | <b>Results Due:</b>      | 15-Aug-2024 |
| <b>Date Approved:</b>         | 15-Aug-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

# Amended Report

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|                               |                                                                                 |                            |             |
|-------------------------------|---------------------------------------------------------------------------------|----------------------------|-------------|
| <b>Report No.:</b>            | 24-25899-3                                                                      |                            |             |
| <b>Initial Date of Issue:</b> | 20-Aug-2024                                                                     | <b>Date of Re-Issue:</b>   | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-25899-2 in its entirety |                            |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                            |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                            |             |
| <b>Contact(s):</b>            | James Bloore                                                                    |                            |             |
| <b>Project</b>                | EAF Meltshop Project                                                            |                            |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>      | 13-Aug-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>    | 13-Aug-2024 |
| <b>No. of Samples:</b>        | 6                                                                               |                            |             |
| <b>Turnaround (Wkdays):</b>   | 6                                                                               | <b>Results Due:</b>        | 20-Aug-2024 |
| <b>Date Approved:</b>         | 20-Aug-2024                                                                     | <b>Subcon Results Due:</b> | 20-Aug-2024 |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

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# Amended Report

|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-26534-4                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 26-Sep-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-26534-3 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | 18 Frogmore Road<br>Hemel Hempstead<br>Hertfordshire<br>HP3 9RT                 |                          |             |
| <b>Contact(s):</b>            | James Bloore                                                                    |                          |             |
| <b>Project</b>                | 315531 EAF Meltshop Project                                                     |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 19-Aug-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>  | 17-Sep-2024 |
| <b>No. of Samples:</b>        | 6                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 5                                                                               | <b>Results Due:</b>      | 23-Sep-2024 |
| <b>Date Approved:</b>         | 26-Sep-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

# Amended Report

|                               |                                                                                     |                          |             |
|-------------------------------|-------------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-27128-4                                                                          |                          |             |
| <b>Initial Date of Issue:</b> | 10-Sep-2024                                                                         | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-27128-3 in its entirety     |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                     |                          |             |
| <b>Client Address:</b>        | 18 Frogmore Road<br>Hemel Hempstead<br>Hertfordshire<br>HP3 9RT                     |                          |             |
| <b>Contact(s):</b>            | James Bloore                                                                        |                          |             |
| <b>Project</b>                | 315531 EAF Meltshop Project, Port Talbot                                            |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                           | <b>Date Received:</b>    | 22-Aug-2024 |
| <b>Order No.:</b>             | P02150967                                                                           | <b>Date Instructed:</b>  | 04-Sep-2024 |
| <b>No. of Samples:</b>        | 4                                                                                   |                          |             |
| <b>Turnaround (Wkdays):</b>   | 5                                                                                   | <b>Results Due:</b>      | 10-Sep-2024 |
| <b>Date Approved:</b>         | 16-Sep-2024                                                                         |                          |             |
| <b>Approved By:</b>           |  |                          |             |
| <b>Details:</b>               | David Smith, Technical Director                                                     |                          |             |

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

# Amended Report

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|                               |                                                                                 |                          |             |
|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-27793-6                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 09-Sep-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-27793-5 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | Battle Gate Road<br>Boxworth<br>Cambridge<br>CB23 4NN                           |                          |             |
| <b>Contact(s):</b>            | James Bloore                                                                    |                          |             |
| <b>Project</b>                | 315531 EAF Meltshop                                                             |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 30-Aug-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>  | 04-Sep-2024 |
| <b>No. of Samples:</b>        | 3                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 5                                                                               | <b>Results Due:</b>      | 10-Sep-2024 |
| <b>Date Approved:</b>         | 16-Sep-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

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# Amended Report

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|-------------------------------|---------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 24-29969-3                                                                      |                          |             |
| <b>Initial Date of Issue:</b> | 25-Sep-2024                                                                     | <b>Date of Re-Issue:</b> | 29-Nov-2024 |
| <b>Re-Issue Details:</b>      | This report has been revised and directly supersedes 24-29969-2 in its entirety |                          |             |
| <b>Client</b>                 | RSK Geosciences                                                                 |                          |             |
| <b>Client Address:</b>        | 18 Frogmore Road<br>Hemel Hempstead<br>Hertfordshire<br>HP3 9RT                 |                          |             |
| <b>Contact(s):</b>            | James Bloore                                                                    |                          |             |
| <b>Project</b>                | 315531                                                                          |                          |             |
| <b>Quotation No.:</b>         | Q24-35208                                                                       | <b>Date Received:</b>    | 17-Sep-2024 |
| <b>Order No.:</b>             | P02150967                                                                       | <b>Date Instructed:</b>  | 17-Sep-2024 |
| <b>No. of Samples:</b>        | 3                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 5                                                                               | <b>Results Due:</b>      | 23-Sep-2024 |
| <b>Date Approved:</b>         | 25-Sep-2024                                                                     |                          |             |

**Approved By:**



**Details:** David Smith, Technical Director

**For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report**

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## Results - Soil

**Project: 315531 EAF Meltshop**

|                                 |                  |                             |            |              |             |                      |                      |                      |                      |                      |                      |                      |
|---------------------------------|------------------|-----------------------------|------------|--------------|-------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: RSK Geosciences</b>  |                  | <b>Chemtest Job No.:</b>    |            | 24-18337     | 24-18337    | 24-18337             | 24-18337             | 24-18337             | 24-18337             | 24-18337             | 24-18337             | 24-18339             |
| Quotation No.: Q24-35208        |                  | <b>Chemtest Sample ID.:</b> |            | 1819250      | 1819251     | 1819252              | 1819253              | 1819254              | 1819255              | 1819256              | 1819263              |                      |
| Order No.: P02150967            |                  | Client Sample Ref.:         |            |              |             |                      |                      |                      |                      |                      |                      |                      |
|                                 |                  | Client Sample ID.:          |            |              |             |                      |                      |                      |                      |                      |                      |                      |
|                                 |                  | Sample Location:            |            | BH323        | BH317       | BH317                | BH317                | BH317                | BH317                | BH317                | BH317                | BH322                |
|                                 |                  | Sample Type:                |            | SOIL         | SOIL        | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                 |                  | Top Depth (m):              |            | 0.30         | 2.2         | 1.5                  | 0.70                 | 6.50                 | 3.3                  | 4.10                 | 0.20                 |                      |
|                                 |                  | Bottom Depth (m):           |            |              |             |                      |                      |                      |                      |                      |                      |                      |
|                                 |                  | Date Sampled:               |            | 03-May-2024  | 07-Jun-2024 | 07-Jun-2024          | 07-Jun-2024          | 07-Jun-2024          | 07-Jun-2024          | 07-Jun-2024          | 07-Jun-2024          | 07-May-2024          |
|                                 |                  | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              |
| <b>Determinand</b>              | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                        |                  | U                           | 2192       |              | N/A         | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification         |                  | U                           | 2192       |              | N/A         | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry          |                  | U                           | 2192       | %            | 0.001       |                      |                      |                      |                      |                      |                      |                      |
| Total Asbestos                  |                  | U                           | 2192       | %            | 0.001       |                      |                      |                      |                      |                      |                      |                      |
| Moisture                        |                  | N                           | 2030       | %            | 0.020       | 2.4                  | 16                   | 8.6                  | 7.5                  | 18                   | 27                   | 20                   |
| Soil Colour                     |                  | N                           | 2040       |              | N/A         | Black                | Brown                | Brown                | Brown                | Brown                | Brown                | Brown                |
| Other Material                  |                  | N                           | 2040       |              | N/A         | Stones               | Stones               | Stones               | Stones               | None                 | Stones               | Stones               |
| Soil Texture                    |                  | N                           | 2040       |              | N/A         | Sand                 | Sand                 | Sand                 | Sand                 | Clay                 | Sand                 | Clay                 |
| pH at 20C                       |                  | M                           | 2010       |              | 4.0         |                      |                      |                      |                      |                      |                      |                      |
| Arsenic                         |                  | M                           | 2455       | mg/kg        | 0.5         | 2.6                  | 9.0                  | 14                   | 5.7                  | 18                   | 11                   | 21                   |
| Cadmium                         |                  | M                           | 2455       | mg/kg        | 0.10        | 0.64                 | < 0.10               | 0.56                 | 0.40                 | < 0.10               | < 0.10               | 0.22                 |
| Chromium                        |                  | M                           | 2455       | mg/kg        | 0.5         | 200                  | 29                   | 1100                 | 1400                 | 36                   | 43                   | 18                   |
| Copper                          |                  | M                           | 2455       | mg/kg        | 0.50        | 14                   | 3.4                  | 52                   | 42                   | 11                   | 40                   | 27                   |
| Mercury                         |                  | M                           | 2455       | mg/kg        | 0.05        | < 0.05               | < 0.05               | 0.10                 | 0.07                 | < 0.05               | 0.09                 | < 0.05               |
| Nickel                          |                  | M                           | 2455       | mg/kg        | 0.50        | 7.3                  | 4.5                  | 34                   | 20                   | 33                   | 36                   | 20                   |
| Lead                            |                  | M                           | 2455       | mg/kg        | 0.50        | 25                   | 11                   | 60                   | 64                   | 22                   | 24                   | 27                   |
| Selenium                        |                  | M                           | 2455       | mg/kg        | 0.25        | < 0.25               | 0.39                 | 1.7                  | 0.72                 | 0.72                 | 0.75                 | 0.52                 |
| Zinc                            |                  | M                           | 2455       | mg/kg        | 0.50        | 67                   | 22                   | 190                  | 200                  | 92                   | 89                   | 85                   |
| Chromium (Hexavalent)           |                  | N                           | 2490       | mg/kg        | 0.50        | < 0.50               | < 0.50               | < 0.50               | 0.66                 | < 0.50               | < 0.50               | < 0.50               |
| Aliphatic VPH >C5-C6            | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Aliphatic VPH >C6-C7            | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | [B] < 0.05           |
| Aliphatic VPH >C7-C8            | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | [B] < 0.05           |
| Aliphatic VPH >C6-C8 (Sum)      | HS_2D_AL         | N                           | 2780       | mg/kg        | 0.10        | [B] < 0.10           | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10               | [B] < 0.10           |
| Aliphatic VPH >C8-C10           | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | [B] < 0.05           |
| Total Aliphatic VPH >C5-C10     | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.25        | [B] < 0.25           | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               | [B] < 0.25           |
| Aliphatic EPH >C10-C12 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 2.00        | [B] 4.4              | 5.6                  | 7.4                  | 5.9                  | 3.3                  | 9.4                  | 6.4                  |
| Aliphatic EPH >C12-C16 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 1.00        | [B] 3.1              | 6.3                  | 12                   | 6.1                  | 1.2                  | 6.1                  | 4.8                  |
| Aliphatic EPH >C16-C21 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 2.00        | [B] 11               | 2.9                  | 35                   | 74                   | < 2.0                | 3.5                  | 3.4                  |
| Aliphatic EPH >C21-C35 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 3.00        | [B] 180              | < 3.0                | 280                  | 880                  | < 3.0                | < 3.0                | 10                   |
| Aliphatic EPH >C35-C40 MC       | EH_2D_AL_#1      | N                           | 2690       | mg/kg        | 10.00       | [B] < 10             | < 10                 | 32                   | 110                  | < 10                 | < 10                 | < 10                 |
| Total Aliphatic EPH >C10-C35 MC | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 5.00        | [B] 200              | 15                   | 340                  | 970                  | 5.5                  | 19                   | 25                   |
| Total Aliphatic EPH >C10-C40 MC | EH_2D_AL_#1      | N                           | 2690       | mg/kg        | 10.00       | [B] 200              | 15                   | 370                  | 1100                 | < 10                 | 19                   | 25                   |
| Aromatic VPH >C5-C7             | HS_2D_AR         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Aromatic VPH >C7-C8             | HS_2D_AR         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | [B] < 0.05           |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                 |                  |                             |             |              |             |             |             |             |             |             |                    |
|---------------------------------|------------------|-----------------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|
| <b>Client: RSK Geosciences</b>  |                  | <b>Chemtest Job No.:</b>    | 24-18337    | 24-18337     | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18339           |
| <b>Quotation No.: Q24-35208</b> |                  | <b>Chemtest Sample ID.:</b> | 1819250     | 1819251      | 1819252     | 1819253     | 1819254     | 1819255     | 1819256     | 1819263     |                    |
| <b>Order No.: P02150967</b>     |                  | <b>Client Sample Ref.:</b>  |             |              |             |             |             |             |             |             |                    |
|                                 |                  | <b>Client Sample ID.:</b>   |             |              |             |             |             |             |             |             |                    |
|                                 |                  | <b>Sample Location:</b>     | BH323       | BH317        | BH317       | BH317       | BH317       | BH317       | BH317       | BH317       | BH322              |
|                                 |                  | <b>Sample Type:</b>         | SOIL        | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL               |
|                                 |                  | <b>Top Depth (m):</b>       | 0.30        | 2.2          | 1.5         | 0.70        | 6.50        | 3.3         | 4.10        | 0.20        |                    |
|                                 |                  | <b>Bottom Depth (m):</b>    |             |              |             |             |             |             |             |             |                    |
|                                 |                  | <b>Date Sampled:</b>        | 03-May-2024 | 07-Jun-2024  | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-May-2024        |
|                                 |                  | <b>Asbestos Lab:</b>        | NEW-ASB     | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB            |
| <b>Determinand</b>              | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b>  | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |                    |
| Aromatic VPH >C8-C10            | HS_2D_AR         | U                           | 2780        | mg/kg        | 0.05        | [B] < 0.05  | < 0.05      | < 0.05      | < 0.05      | < 0.05      | [B] < 0.05         |
| Total Aromatic VPH >C5-C10      | HS_2D_AR         | U                           | 2780        | mg/kg        | 0.25        | [B] < 0.25  | < 0.25      | < 0.25      | < 0.25      | < 0.25      | [B] < 0.25         |
| Aromatic EPH >C10-C12 MC        | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 1.00        | [B] < 1.0   | < 1.0       | < 1.0       | < 1.0       | < 1.0       | [B] < 1.0          |
| Aromatic EPH >C12-C16 MC        | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 1.00        | [B] < 1.0   | < 1.0       | < 1.0       | < 1.0       | < 1.0       | 2.2 [B] < 1.0      |
| Aromatic EPH >C16-C21 MC        | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 2.00        | [B] 6.7     | 3.0         | 3.6         | 6.5         | 3.3         | 3.8 3.4 [B] 3.7    |
| Aromatic EPH >C21-C35 MC        | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 2.00        | [B] 5.9     | < 2.0       | < 2.0       | < 2.0       | < 2.0       | 19 [B] < 2.0       |
| Aromatic EPH >C35-C40 MC        | EH_2D_AR_#1      | N                           | 2690        | mg/kg        | 1.00        | [B] 2.5     | 1.1         | 16          | 42          | < 1.0       | 1.2 33 [B] 1.2     |
| Total Aromatic EPH >C10-C35 MC  | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 5.00        | [B] 13      | < 5.0       | < 5.0       | 6.5         | < 5.0       | < 5.0 24 [B] < 5.0 |
| Total Aromatic EPH >C10-C40 MC  | EH_2D_AR_#1      | N                           | 2690        | mg/kg        | 10.00       | [B] 15      | < 10        | 16          | 49          | < 10        | < 10 57 [B] < 10   |
| Total VPH >C5-C10               | HS_2D_Total      | U                           | 2780        | mg/kg        | 0.50        | [B] < 0.50  | < 0.50      | < 0.50      | < 0.50      | < 0.50      | < 0.50 [B] < 0.50  |
| Total EPH >C10-C35 MC           | EH_2D_Total_#1   | U                           | 2690        | mg/kg        | 10.00       | [B] 210     | 18          | 340         | 980         | < 10        | 24 49 [B] < 10     |
| Total EPH >C10-C40 MC           | EH_2D_Total_#1   | N                           | 2690        | mg/kg        | 10.00       | [B] 220     | 19          | 390         | 1100        | < 10        | 25 82 [B] < 10     |
| Naphthalene                     |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | 0.59        | < 0.10      | 2.3 < 0.10         |
| Acenaphthylene                  |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | 0.18        | < 0.10      | 0.41 < 0.10        |
| Acenaphthene                    |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | 0.21        | < 0.10      | 0.81 < 0.10        |
| Fluorene                        |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | 0.23        | < 0.10      | 1.0 < 0.10         |
| Phenanthrene                    |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | 0.33        | < 0.10      | 0.81        | < 0.10      | 2.6 < 0.10         |
| Anthracene                      |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | 0.15        | < 0.10      | 0.15 < 0.10        |
| Fluoranthene                    |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | 0.46        | < 0.10      | 0.74        | < 0.10      | 0.70 < 0.10        |
| Pyrene                          |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | 0.46        | < 0.10      | 1.2         | < 0.10      | 0.69 < 0.10        |
| Benzo[a]anthracene              |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | 0.45        | < 0.10      | 1.6         | < 0.10      | 0.20 < 0.10        |
| Chrysene                        |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | 0.75        | < 0.10      | 3.2         | < 0.10      | 0.71 < 0.10        |
| Benzo[b]fluoranthene            |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10 < 0.10      |
| Benzo[k]fluoranthene            |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10 < 0.10      |
| Benzo[a]pyrene                  |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10 < 0.10      |
| Indeno(1,2,3-c,d)Pyrene         |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10 < 0.10      |
| Dibenz(a,h)Anthracene           |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10 < 0.10      |
| Benzo[g,h,i]perylene            |                  | M                           | 2700        | mg/kg        | 0.10        | [B] < 0.10  | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10 < 0.10      |
| Total Of 16 PAH's               |                  | M                           | 2700        | mg/kg        | 2.0         | [B] < 2.0   | 2.5         | < 2.0       | 8.8         | < 2.0       | 9.5 < 2.0          |
| Dichlorodifluoromethane         |                  | U                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |                    |
| Chloromethane                   |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |                    |
| Vinyl Chloride                  |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |                    |
| Bromomethane                    |                  | M                           | 2760        | µg/kg        | 20          |             |             |             |             |             |                    |
| Chloroethane                    |                  | U                           | 2760        | µg/kg        | 2.0         |             |             |             |             |             |                    |
| Trichlorofluoromethane          |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |                    |
| 1,1-Dichloroethene              |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |                    |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            | 24-18337     | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18339    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            | 1819250      | 1819251     | 1819252     | 1819253     | 1819254     | 1819255     | 1819256     | 1819263     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            | BH323        | BH317       | BH317       | BH317       | BH317       | BH317       | BH317       | BH322       |
|                                |                  | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            | 0.30         | 2.2         | 1.5         | 0.70        | 6.50        | 3.3         | 4.10        | 0.20        |
|                                |                  | Bottom Depth (m):           |            |              |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            | 03-May-2024  | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-May-2024 |
|                                |                  | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |
| Dichloromethane                |                  | N                           | 2760       | µg/kg        | 50          |             |             |             |             |             |             |
| Trans 1,2-Dichloroethene       |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,1-Dichloroethane             |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| cis 1,2-Dichloroethene         |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Bromochloromethane             |                  | U                           | 2760       | µg/kg        | 5.0         |             |             |             |             |             |             |
| Trichloromethane               |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,1,1-Trichloroethane          |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Tetrachloromethane             |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,1-Dichloropropene            |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Benzene                        |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2-Dichloroethane             |                  | M                           | 2760       | µg/kg        | 2.0         |             |             |             |             |             |             |
| Trichloroethene                |                  | N                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2-Dichloropropane            |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Dibromomethane                 |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Bromodichloromethane           |                  | M                           | 2760       | µg/kg        | 5.0         |             |             |             |             |             |             |
| cis-1,3-Dichloropropene        |                  | N                           | 2760       | µg/kg        | 10          |             |             |             |             |             |             |
| Toluene                        |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Trans-1,3-Dichloropropene      |                  | N                           | 2760       | µg/kg        | 10          |             |             |             |             |             |             |
| 1,1,2-Trichloroethane          |                  | M                           | 2760       | µg/kg        | 10          |             |             |             |             |             |             |
| Tetrachloroethene              |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,3-Dichloropropane            |                  | U                           | 2760       | µg/kg        | 2.0         |             |             |             |             |             |             |
| Dibromochloromethane           |                  | U                           | 2760       | µg/kg        | 10          |             |             |             |             |             |             |
| 1,2-Dibromoethane              |                  | M                           | 2760       | µg/kg        | 5.0         |             |             |             |             |             |             |
| Chlorobenzene                  |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,1,1,2-Tetrachloroethane      |                  | M                           | 2760       | µg/kg        | 2.0         |             |             |             |             |             |             |
| Ethylbenzene                   |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| m & p-Xylene                   |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| o-Xylene                       |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Styrene                        |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Tribromomethane                |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Isopropylbenzene               |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Bromobenzene                   |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2,3-Trichloropropane         |                  | N                           | 2760       | µg/kg        | 50          |             |             |             |             |             |             |
| N-Propylbenzene                |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 2-Chlorotoluene                |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,3,5-Trimethylbenzene         |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            | 24-18337     | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18339    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            | 1819250      | 1819251     | 1819252     | 1819253     | 1819254     | 1819255     | 1819256     | 1819263     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            | BH323        | BH317       | BH317       | BH317       | BH317       | BH317       | BH317       | BH322       |
|                                |                  | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            | 0.30         | 2.2         | 1.5         | 0.70        | 6.50        | 3.3         | 4.10        | 0.20        |
|                                |                  | Bottom Depth (m):           |            |              |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            | 03-May-2024  | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-May-2024 |
|                                |                  | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |
| 4-Chlorotoluene                |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Tert-Butylbenzene              |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2,4-Trimethylbenzene         |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Sec-Butylbenzene               |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,3-Dichlorobenzene            |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 4-Isopropyltoluene             |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,4-Dichlorobenzene            |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| N-Butylbenzene                 |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2-Dichlorobenzene            |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2-Dibromo-3-Chloropropane    |                  | U                           | 2760       | µg/kg        | 50          |             |             |             |             |             |             |
| 1,2,4-Trichlorobenzene         |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Hexachlorobutadiene            |                  | N                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2,3-Trichlorobenzene         |                  | U                           | 2760       | µg/kg        | 2.0         |             |             |             |             |             |             |
| Methyl Tert-Butyl Ether        |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| N-Nitrosodimethylamine         |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Phenol                         |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2-Chlorophenol                 |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Bis-(2-Chloroethyl)Ether       |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 1,3-Dichlorobenzene            |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 1,4-Dichlorobenzene            |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 1,2-Dichlorobenzene            |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2-Methylphenol                 |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Bis(2-Chloroisopropyl)Ether    |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Hexachloroethane               |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| N-Nitrosodi-n-propylamine      |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 4-Methylphenol                 |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Nitrobenzene                   |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Isophorone                     |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2-Nitrophenol                  |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2,4-Dimethylphenol             |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Bis(2-Chloroethoxy)Methane     |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2,4-Dichlorophenol             |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 1,2,4-Trichlorobenzene         |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Naphthalene                    |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 4-Chloroaniline                |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Hexachlorobutadiene            |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            | 24-18337     | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18339    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            | 1819250      | 1819251     | 1819252     | 1819253     | 1819254     | 1819255     | 1819256     | 1819263     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            | BH323        | BH317       | BH317       | BH317       | BH317       | BH317       | BH317       | BH322       |
|                                |                  | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            | 0.30         | 2.2         | 1.5         | 0.70        | 6.50        | 3.3         | 4.10        | 0.20        |
|                                |                  | Bottom Depth (m):           |            |              |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            | 03-May-2024  | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-May-2024 |
|                                |                  | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |
| 4-Chloro-3-Methylphenol        |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2-Methylnaphthalene            |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 4-Nitrophenol                  |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2,4,6-Trichlorophenol          |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2,4,5-Trichlorophenol          |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2-Chloronaphthalene            |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2-Nitroaniline                 |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Acenaphthylene                 |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Dimethylphthalate              |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2,6-Dinitrotoluene             |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Acenaphthene                   |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 3-Nitroaniline                 |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Dibenzofuran                   |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 4-Chlorophenylphenylether      |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2,4-Dinitrotoluene             |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Fluorene                       |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Diethyl Phthalate              |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 4-Nitroaniline                 |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Azobenzene                     |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 4-Bromophenylphenyl Ether      |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Hexachlorobenzene              |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Phenanthrene                   |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Anthracene                     |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Carbazole                      |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Di-N-Butyl Phthalate           |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Fluoranthene                   |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Pyrene                         |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Butylbenzyl Phthalate          |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Benzo[a]anthracene             |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Chrysene                       |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Bis(2-Ethylhexyl)Phthalate     |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Di-N-Octyl Phthalate           |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Benzo[b]fluoranthene           |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Benzo[k]fluoranthene           |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Benzo[a]pyrene                 |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Indeno(1,2,3-c,d)Pyrene        |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            | 24-18337     | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18337    | 24-18339    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            | 1819250      | 1819251     | 1819252     | 1819253     | 1819254     | 1819255     | 1819256     | 1819263     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            | BH323        | BH317       | BH317       | BH317       | BH317       | BH317       | BH317       | BH322       |
|                                |                  | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            | 0.30         | 2.2         | 1.5         | 0.70        | 6.50        | 3.3         | 4.10        | 0.20        |
|                                |                  | Bottom Depth (m):           |            |              |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            | 03-May-2024  | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-Jun-2024 | 07-May-2024 |
|                                |                  | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |
| Dibenz(a,h)Anthracene          |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Benzo[g,h,i]perylene           |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Naphthalene                    |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | 0.33        |
| Acenaphthylene                 |                  | N                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Acenaphthene                   |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Fluorene                       |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Phenanthrene                   |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | 0.36        |
| Anthracene                     |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Fluoranthene                   |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | 0.39        |
| Pyrene                         |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | 0.35        |
| Benzo[a]anthracene             |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Chrysene                       |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Benzo[b]fluoranthene           |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Benzo[k]fluoranthene           |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Benzo[a]pyrene                 |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene        |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Dibenz(a,h)Anthracene          |                  | N                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Benzo[g,h,i]perylene           |                  | M                           | 2800       | mg/kg        | 0.10        |             |             |             |             |             | < 0.10      |
| Total Of 16 PAH's              |                  | N                           | 2800       | mg/kg        | 2.0         |             |             |             |             |             | < 2.0       |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                 |                  |                             |            |              |             |                      |                      |                      |                      |                      |                      |
|---------------------------------|------------------|-----------------------------|------------|--------------|-------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: RSK Geosciences</b>  |                  | <b>Chemtest Job No.:</b>    |            | 24-18339     | 24-18339    | 24-18339             | 24-18339             | 24-18339             | 24-19025             | 24-19025             | 24-19025             |
| Quotation No.: Q24-35208        |                  | <b>Chemtest Sample ID.:</b> |            | 1819264      | 1819265     | 1819266              | 1819267              | 1819268              | 1821789              | 1821790              | 1821791              |
| Order No.: P02150967            |                  | Client Sample Ref.:         |            |              |             |                      |                      |                      |                      |                      |                      |
|                                 |                  | Client Sample ID.:          |            |              |             |                      |                      |                      |                      |                      |                      |
|                                 |                  | Sample Location:            |            | BH322        | BH322       | BH322                | BH322                | BH322                | BH317                | BH317                | BH317                |
|                                 |                  | Sample Type:                |            | SOIL         | SOIL        | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                 |                  | Top Depth (m):              |            | 1.10         | 1.60        | 4.40                 | 7.00                 | 12.00                | 10.50                | 14.00                | 17.50                |
|                                 |                  | Bottom Depth (m):           |            |              |             |                      |                      |                      |                      |                      |                      |
|                                 |                  | Date Sampled:               |            | 07-May-2024  | 07-May-2024 | 07-May-2024          | 07-May-2024          | 07-May-2024          | 12-Jun-2024          | 12-Jun-2024          | 12-Jun-2024          |
|                                 |                  | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              |
| <b>Determinand</b>              | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |                      |                      |                      |                      |                      |                      |
| ACM Type                        |                  | U                           | 2192       |              | N/A         | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification         |                  | U                           | 2192       |              | N/A         | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry          |                  | U                           | 2192       | %            | 0.001       |                      |                      |                      |                      |                      |                      |
| Total Asbestos                  |                  | U                           | 2192       | %            | 0.001       |                      |                      |                      |                      |                      |                      |
| Moisture                        |                  | N                           | 2030       | %            | 0.020       | 12                   | 11                   | 19                   | 57                   | 13                   | 17                   |
| Soil Colour                     |                  | N                           | 2040       |              | N/A         | Brown                | Brown                | Brown                | Brown                | Grey                 | Brown                |
| Other Material                  |                  | N                           | 2040       |              | N/A         | Stones               | None                 | None                 | Stones and Wood      | Stones               | None                 |
| Soil Texture                    |                  | N                           | 2040       |              | N/A         | Sand                 | Sand                 | Clay                 | Clay                 | Sand                 | Clay                 |
| pH at 20C                       |                  | M                           | 2010       |              | 4.0         |                      |                      |                      |                      |                      |                      |
| Arsenic                         |                  | M                           | 2455       | mg/kg        | 0.5         | 6.6                  | 8.6                  | 13                   | 6.8                  | 11                   | 4.3                  |
| Cadmium                         |                  | M                           | 2455       | mg/kg        | 0.10        | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10               |
| Chromium                        |                  | M                           | 2455       | mg/kg        | 0.5         | 270                  | 17                   | 40                   | 15                   | 19                   | 14                   |
| Copper                          |                  | M                           | 2455       | mg/kg        | 0.50        | 23                   | 2.7                  | 12                   | 4.7                  | 14                   | 5.6                  |
| Mercury                         |                  | M                           | 2455       | mg/kg        | 0.05        | 0.05                 | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                          |                  | M                           | 2455       | mg/kg        | 0.50        | 8.7                  | 4.5                  | 34                   | 14                   | 35                   | 13                   |
| Lead                            |                  | M                           | 2455       | mg/kg        | 0.50        | 29                   | 5.2                  | 27                   | 8.9                  | 14                   | 7.6                  |
| Selenium                        |                  | M                           | 2455       | mg/kg        | 0.25        | 4.4                  | < 0.25               | 0.78                 | 0.34                 | 0.50                 | < 0.25               |
| Zinc                            |                  | M                           | 2455       | mg/kg        | 0.50        | 47                   | 19                   | 97                   | 37                   | 82                   | 38                   |
| Chromium (Hexavalent)           |                  | N                           | 2490       | mg/kg        | 0.50        |                      |                      |                      |                      |                      |                      |
| Aliphatic VPH >C5-C6            | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               |
| Aliphatic VPH >C6-C7            | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               |
| Aliphatic VPH >C7-C8            | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               |
| Aliphatic VPH >C6-C8 (Sum)      | HS_2D_AL         | N                           | 2780       | mg/kg        | 0.10        | [B] < 0.10           | [B] < 0.10           | [B] < 0.10           | [B] < 0.10           | [B] < 0.10           | < 0.10               |
| Aliphatic VPH >C8-C10           | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               |
| Total Aliphatic VPH >C5-C10     | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.25        | [B] < 0.25           | [B] < 0.25           | [B] < 0.25           | [B] < 0.25           | [B] < 0.25           | < 0.25               |
| Aliphatic EPH >C10-C12 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 2.00        | [B] 4.4              | [B] 2.5              | [B] 3.2              | [B] 7.0              | [B] 3.7              | 3.0                  |
| Aliphatic EPH >C12-C16 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 1.00        | [B] 1.1              | [B] < 1.0            | [B] 1.1              | [B] 2.0              | [B] 1.2              | 1.1                  |
| Aliphatic EPH >C16-C21 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 2.00        | [B] < 2.0            | [B] < 2.0            | [B] < 2.0            | [B] 8.8              | [B] < 2.0            | < 2.0                |
| Aliphatic EPH >C21-C35 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 3.00        | [B] 13               | [B] 3.6              | [B] 3.1              | [B] 32               | [B] 12               | < 3.0                |
| Aliphatic EPH >C35-C40 MC       | EH_2D_AL_#1      | N                           | 2690       | mg/kg        | 10.00       | [B] < 10             | [B] < 10             | [B] < 10             | [B] < 10             | [B] < 10             | < 10                 |
| Total Aliphatic EPH >C10-C35 MC | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 5.00        | [B] 19               | [B] 7.1              | [B] 7.4              | [B] 50               | [B] 17               | 5.6                  |
| Total Aliphatic EPH >C10-C40 MC | EH_2D_AL_#1      | N                           | 2690       | mg/kg        | 10.00       | [B] 19               | [B] < 10             | [B] < 10             | [B] 50               | [B] 17               | < 10                 |
| Aromatic VPH >C5-C7             | HS_2D_AR         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               |
| Aromatic VPH >C7-C8             | HS_2D_AR         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |             |              |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    | 24-18339    | 24-18339     | 24-18339    | 24-18339    | 24-18339    | 24-19025    | 24-19025    | 24-19025    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> | 1819264     | 1819265      | 1819266     | 1819267     | 1819268     | 1821789     | 1821790     | 1821791     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |             |              |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |             |              |             |             |             |             |             |             |
|                                |                  | Sample Location:            | BH322       | BH322        | BH322       | BH322       | BH322       | BH317       | BH317       | BH317       |
|                                |                  | Sample Type:                | SOIL        | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              | 1.10        | 1.60         | 4.40        | 7.00        | 12.00       | 10.50       | 14.00       | 17.50       |
|                                |                  | Bottom Depth (m):           |             |              |             |             |             |             |             |             |
|                                |                  | Date Sampled:               | 07-May-2024 | 07-May-2024  | 07-May-2024 | 07-May-2024 | 07-May-2024 | 12-Jun-2024 | 12-Jun-2024 | 12-Jun-2024 |
|                                |                  | Asbestos Lab:               | NEW-ASB     | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b>  | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |
| Aromatic VPH >C8-C10           | HS_2D_AR         | U                           | 2780        | mg/kg        | 0.05        | [B] < 0.05  | [B] < 0.05  | [B] < 0.05  | [B] < 0.05  | [B] < 0.05  |
| Total Aromatic VPH >C5-C10     | HS_2D_AR         | U                           | 2780        | mg/kg        | 0.25        | [B] < 0.25  | [B] < 0.25  | [B] < 0.25  | [B] < 0.25  | [B] < 0.25  |
| Aromatic EPH >C10-C12 MC       | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 1.00        | [B] < 1.0   | [B] < 1.0   | [B] < 1.0   | [B] < 1.0   | [B] < 1.0   |
| Aromatic EPH >C12-C16 MC       | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 1.00        | [B] < 1.0   | [B] < 1.0   | [B] < 1.0   | [B] 2.8     | [B] < 1.0   |
| Aromatic EPH >C16-C21 MC       | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 2.00        | [B] 2.8     | [B] 2.1     | [B] 3.7     | [B] 130     | [B] 2.1     |
| Aromatic EPH >C21-C35 MC       | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 2.00        | [B] < 2.0   | [B] < 2.0   | [B] < 2.0   | [B] < 2.0   | [B] < 2.0   |
| Aromatic EPH >C35-C40 MC       | EH_2D_AR_#1      | N                           | 2690        | mg/kg        | 1.00        | [B] < 1.0   | [B] < 1.0   | [B] < 1.0   | [B] 94      | [B] 1.7     |
| Total Aromatic EPH >C10-C35 MC | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 5.00        | [B] < 5.0   | [B] < 5.0   | [B] < 5.0   | [B] 140     | [B] < 5.0   |
| Total Aromatic EPH >C10-C40 MC | EH_2D_AR_#1      | N                           | 2690        | mg/kg        | 10.00       | [B] < 10    | [B] < 10    | [B] < 10    | [B] 230     | [B] < 10    |
| Total VPH >C5-C10              | HS_2D_Total      | U                           | 2780        | mg/kg        | 0.50        | [B] < 0.50  | [B] < 0.50  | [B] < 0.50  | [B] < 0.50  | [B] < 0.50  |
| Total EPH >C10-C35 MC          | EH_2D_Total_#1   | U                           | 2690        | mg/kg        | 10.00       | [B] 22      | [B] < 10    | [B] 11      | [B] 190     | [B] 19      |
| Total EPH >C10-C40 MC          | EH_2D_Total_#1   | N                           | 2690        | mg/kg        | 10.00       | [B] 22      | [B] < 10    | [B] 11      | [B] 280     | [B] 20      |
| Naphthalene                    |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Acenaphthylene                 |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Acenaphthene                   |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Fluorene                       |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Phenanthrene                   |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Anthracene                     |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Fluoranthene                   |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Pyrene                         |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Benzo[a]anthracene             |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Chrysene                       |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Benzo[b]fluoranthene           |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Benzo[k]fluoranthene           |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Benzo[a]pyrene                 |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Indeno(1,2,3-c,d)Pyrene        |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Dibenz(a,h)Anthracene          |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Benzo[g,h,i]perylene           |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Total Of 16 PAH's              |                  | M                           | 2700        | mg/kg        | 2.0         |             |             |             |             |             |
| Dichlorodifluoromethane        |                  | U                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |
| Chloromethane                  |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |
| Vinyl Chloride                 |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |
| Bromomethane                   |                  | M                           | 2760        | µg/kg        | 20          |             |             |             |             |             |
| Chloroethane                   |                  | U                           | 2760        | µg/kg        | 2.0         |             |             |             |             |             |
| Trichlorofluoromethane         |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |
| 1,1-Dichloroethene             |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            | 24-18339     | 24-18339    | 24-18339    | 24-18339    | 24-18339    | 24-19025    | 24-19025    | 24-19025    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            | 1819264      | 1819265     | 1819266     | 1819267     | 1819268     | 1821789     | 1821790     | 1821791     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            | BH322        | BH322       | BH322       | BH322       | BH322       | BH317       | BH317       | BH317       |
|                                |                  | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            | 1.10         | 1.60        | 4.40        | 7.00        | 12.00       | 10.50       | 14.00       | 17.50       |
|                                |                  | Bottom Depth (m):           |            |              |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            | 07-May-2024  | 07-May-2024 | 07-May-2024 | 07-May-2024 | 07-May-2024 | 12-Jun-2024 | 12-Jun-2024 | 12-Jun-2024 |
|                                |                  | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |
| Dichloromethane                |                  | N                           | 2760       | µg/kg        | 50          |             |             |             |             |             |             |
| Trans 1,2-Dichloroethene       |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,1-Dichloroethane             |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| cis 1,2-Dichloroethene         |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Bromochloromethane             |                  | U                           | 2760       | µg/kg        | 5.0         |             |             |             |             |             |             |
| Trichloromethane               |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,1,1-Trichloroethane          |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Tetrachloromethane             |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,1-Dichloropropene            |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Benzene                        |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2-Dichloroethane             |                  | M                           | 2760       | µg/kg        | 2.0         |             |             |             |             |             |             |
| Trichloroethene                |                  | N                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2-Dichloropropane            |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Dibromomethane                 |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Bromodichloromethane           |                  | M                           | 2760       | µg/kg        | 5.0         |             |             |             |             |             |             |
| cis-1,3-Dichloropropene        |                  | N                           | 2760       | µg/kg        | 10          |             |             |             |             |             |             |
| Toluene                        |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Trans-1,3-Dichloropropene      |                  | N                           | 2760       | µg/kg        | 10          |             |             |             |             |             |             |
| 1,1,2-Trichloroethane          |                  | M                           | 2760       | µg/kg        | 10          |             |             |             |             |             |             |
| Tetrachloroethene              |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,3-Dichloropropane            |                  | U                           | 2760       | µg/kg        | 2.0         |             |             |             |             |             |             |
| Dibromochloromethane           |                  | U                           | 2760       | µg/kg        | 10          |             |             |             |             |             |             |
| 1,2-Dibromoethane              |                  | M                           | 2760       | µg/kg        | 5.0         |             |             |             |             |             |             |
| Chlorobenzene                  |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,1,1,2-Tetrachloroethane      |                  | M                           | 2760       | µg/kg        | 2.0         |             |             |             |             |             |             |
| Ethylbenzene                   |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| m & p-Xylene                   |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| o-Xylene                       |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Styrene                        |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Tribromomethane                |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Isopropylbenzene               |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Bromobenzene                   |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2,3-Trichloropropane         |                  | N                           | 2760       | µg/kg        | 50          |             |             |             |             |             |             |
| N-Propylbenzene                |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 2-Chlorotoluene                |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,3,5-Trimethylbenzene         |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            | 24-18339     | 24-18339    | 24-18339    | 24-18339    | 24-18339    | 24-19025    | 24-19025    | 24-19025    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            | 1819264      | 1819265     | 1819266     | 1819267     | 1819268     | 1821789     | 1821790     | 1821791     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            | BH322        | BH322       | BH322       | BH322       | BH322       | BH317       | BH317       | BH317       |
|                                |                  | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            | 1.10         | 1.60        | 4.40        | 7.00        | 12.00       | 10.50       | 14.00       | 17.50       |
|                                |                  | Bottom Depth (m):           |            |              |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            | 07-May-2024  | 07-May-2024 | 07-May-2024 | 07-May-2024 | 07-May-2024 | 12-Jun-2024 | 12-Jun-2024 | 12-Jun-2024 |
|                                |                  | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |
| 4-Chlorotoluene                |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Tert-Butylbenzene              |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2,4-Trimethylbenzene         |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Sec-Butylbenzene               |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,3-Dichlorobenzene            |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 4-Isopropyltoluene             |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,4-Dichlorobenzene            |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| N-Butylbenzene                 |                  | U                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2-Dichlorobenzene            |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2-Dibromo-3-Chloropropane    |                  | U                           | 2760       | µg/kg        | 50          |             |             |             |             |             |             |
| 1,2,4-Trichlorobenzene         |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| Hexachlorobutadiene            |                  | N                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| 1,2,3-Trichlorobenzene         |                  | U                           | 2760       | µg/kg        | 2.0         |             |             |             |             |             |             |
| Methyl Tert-Butyl Ether        |                  | M                           | 2760       | µg/kg        | 1.0         |             |             |             |             |             |             |
| N-Nitrosodimethylamine         |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Phenol                         |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2-Chlorophenol                 |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Bis-(2-Chloroethyl)Ether       |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 1,3-Dichlorobenzene            |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 1,4-Dichlorobenzene            |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 1,2-Dichlorobenzene            |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2-Methylphenol                 |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Bis(2-Chloroisopropyl)Ether    |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Hexachloroethane               |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| N-Nitrosodi-n-propylamine      |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 4-Methylphenol                 |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Nitrobenzene                   |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Isophorone                     |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2-Nitrophenol                  |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2,4-Dimethylphenol             |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Bis(2-Chloroethoxy)Methane     |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 2,4-Dichlorophenol             |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 1,2,4-Trichlorobenzene         |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Naphthalene                    |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| 4-Chloroaniline                |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Hexachlorobutadiene            |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |            |             |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            |              |            | 24-18339    | 24-18339    | 24-18339    | 24-18339    | 24-18339    | 24-19025    | 24-19025    | 24-19025    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            |              |            | 1819264     | 1819265     | 1819266     | 1819267     | 1819268     | 1821789     | 1821790     | 1821791     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            |              |            | BH322       | BH322       | BH322       | BH322       | BH322       | BH317       | BH317       | BH317       |
|                                |                  | Sample Type:                |            |              |            | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            |              |            | 1.10        | 1.60        | 4.40        | 7.00        | 12.00       | 10.50       | 14.00       | 17.50       |
|                                |                  | Bottom Depth (m):           |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            |              |            | 07-May-2024 | 07-May-2024 | 07-May-2024 | 07-May-2024 | 07-May-2024 | 12-Jun-2024 | 12-Jun-2024 | 12-Jun-2024 |
|                                |                  | Asbestos Lab:               |            |              |            | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |             |             |             |             |             |             |             |             |
| 4-Chloro-3-Methylphenol        |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2-Methylnaphthalene            |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 4-Nitrophenol                  |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2,4,6-Trichlorophenol          |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2,4,5-Trichlorophenol          |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2-Chloronaphthalene            |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2-Nitroaniline                 |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Acenaphthylene                 |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Dimethylphthalate              |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2,6-Dinitrotoluene             |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Acenaphthene                   |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 3-Nitroaniline                 |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Dibenzofuran                   |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 4-Chlorophenylphenylether      |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2,4-Dinitrotoluene             |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Fluorene                       |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Diethyl Phthalate              |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 4-Nitroaniline                 |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Azobenzene                     |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 4-Bromophenylphenyl Ether      |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Hexachlorobenzene              |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Phenanthrene                   |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Anthracene                     |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Carbazole                      |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Di-N-Butyl Phthalate           |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Fluoranthene                   |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Pyrene                         |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Butylbenzyl Phthalate          |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Benzo[a]anthracene             |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Chrysene                       |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Bis(2-Ethylhexyl)Phthalate     |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Di-N-Octyl Phthalate           |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Benzo[b]fluoranthene           |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Benzo[k]fluoranthene           |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Benzo[a]pyrene                 |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Indeno(1,2,3-c,d)Pyrene        |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            | 24-18339     | 24-18339    | 24-18339    | 24-18339    | 24-18339    | 24-19025    | 24-19025    | 24-19025    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            | 1819264      | 1819265     | 1819266     | 1819267     | 1819268     | 1821789     | 1821790     | 1821791     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            | BH322        | BH322       | BH322       | BH322       | BH322       | BH317       | BH317       | BH317       |
|                                |                  | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            | 1.10         | 1.60        | 4.40        | 7.00        | 12.00       | 10.50       | 14.00       | 17.50       |
|                                |                  | Bottom Depth (m):           |            |              |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            | 07-May-2024  | 07-May-2024 | 07-May-2024 | 07-May-2024 | 07-May-2024 | 12-Jun-2024 | 12-Jun-2024 | 12-Jun-2024 |
|                                |                  | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |
| Dibenz(a,h)Anthracene          |                  | N                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Benzo[g,h,i]perylene           |                  | M                           | 2790       | mg/kg        | 0.50        |             |             |             |             |             |             |
| Naphthalene                    |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthylene                 |                  | N                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthene                   |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluorene                       |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Phenanthrene                   |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 0.17        | < 0.10      | < 0.10      |
| Anthracene                     |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluoranthene                   |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 0.15        | < 0.10      | < 0.10      |
| Pyrene                         |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 0.14        | < 0.10      | < 0.10      |
| Benzo[a]anthracene             |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Chrysene                       |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[b]fluoranthene           |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[k]fluoranthene           |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[a]pyrene                 |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene        |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene          |                  | N                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene           |                  | M                           | 2800       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Total Of 16 PAH's              |                  | N                           | 2800       | mg/kg        | 2.0         | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                 |             |                      |      |       |       |                      |                      |                      |                      |                      |                  |                      |                      |
|---------------------------------|-------------|----------------------|------|-------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------|----------------------|----------------------|
| Client: RSK Geosciences         |             | Chemtest Job No.:    |      |       |       | 24-19025             | 24-19025             | 24-19025             | 24-19335             | 24-19335             | 24-19915         | 24-19915             | 24-19915             |
| Quotation No.: Q24-35208        |             | Chemtest Sample ID.: |      |       |       | 1821792              | 1821793              | 1821794              | 1822927              | 1822928              | 1825240          | 1825242              | 1825243              |
| Order No.: P02150967            |             | Client Sample Ref.:  |      |       |       |                      |                      |                      |                      |                      |                  |                      |                      |
|                                 |             | Client Sample ID.:   |      |       |       |                      |                      |                      |                      |                      |                  |                      |                      |
|                                 |             | Sample Location:     |      |       |       | BH324                | BH324                | BH324                | BH324                | BH324                | BH319            | BH319                | BH319                |
|                                 |             | Sample Type:         |      |       |       | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL             | SOIL                 | SOIL                 |
|                                 |             | Top Depth (m):       |      |       |       | 0.20                 | 0.70                 | 3.50                 | 4.80                 | 7.00                 | 0.50             | 2.50                 | 450                  |
|                                 |             | Bottom Depth (m):    |      |       |       |                      |                      |                      |                      |                      |                  |                      |                      |
|                                 |             | Date Sampled:        |      |       |       | 12-Jun-2024          | 12-Jun-2024          | 12-Jun-2024          | 14-Jun-2024          | 14-Jun-2024          | 19-Jun-2024      | 19-Jun-2024          | 19-Jun-2024          |
|                                 |             | Asbestos Lab:        |      |       |       | NEW-ASB              | NEW-ASB              | NEW-ASB              | DURHAM               | DURHAM               | DURHAM           | DURHAM               | DURHAM               |
| Determinand                     | HWOL Code   | Accred.              | SOP  | Units | LOD   |                      |                      |                      |                      |                      |                  |                      |                      |
| ACM Type                        |             | U                    | 2192 |       | N/A   | -                    | -                    | -                    | -                    | -                    | Fibres/Clumps    | -                    | -                    |
| Asbestos Identification         |             | U                    | 2192 |       | N/A   | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | Amosite          | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry          |             | U                    | 2192 | %     | 0.001 |                      |                      |                      |                      |                      | 0.004            |                      |                      |
| Total Asbestos                  |             | U                    | 2192 | %     | 0.001 |                      |                      |                      |                      |                      | 0.004            |                      |                      |
| Moisture                        |             | N                    | 2030 | %     | 0.020 | 7.1                  | 10                   | 20                   | 22                   | 39                   | 10               | 20                   | 21                   |
| Soil Colour                     |             | N                    | 2040 |       | N/A   | Brown                | Brown                | Brown                | Brown                | Brown                | Brown            | Brown                | Brown                |
| Other Material                  |             | N                    | 2040 |       | N/A   | Stones               | Stones               | None                 | None                 | Wood and Stones      | Stones and Roots | None                 | None                 |
| Soil Texture                    |             | N                    | 2040 |       | N/A   | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Loam             | Sand                 | Clay                 |
| pH at 20C                       |             | M                    | 2010 |       | 4.0   |                      |                      |                      |                      |                      |                  |                      |                      |
| Arsenic                         |             | M                    | 2455 | mg/kg | 0.5   | 6.0                  | 16                   | 22                   | 7.3                  | 18                   | 4.3              | 7.5                  | 16                   |
| Cadmium                         |             | M                    | 2455 | mg/kg | 0.10  | 0.33                 | 0.14                 | 0.28                 | < 0.10               | < 0.10               | 0.14             | < 0.10               | < 0.10               |
| Chromium                        |             | M                    | 2455 | mg/kg | 0.5   | 450                  | 120                  | 18                   | 7.8                  | 17                   | 47               | 9.5                  | 34                   |
| Copper                          |             | M                    | 2455 | mg/kg | 0.50  | 24                   | 36                   | 42                   | 3.5                  | 7.3                  | 7.4              | 1.3                  | 12                   |
| Mercury                         |             | M                    | 2455 | mg/kg | 0.05  | 0.06                 | 0.05                 | < 0.05               | < 0.05               | < 0.05               | 1.9              | 0.05                 | < 0.05               |
| Nickel                          |             | M                    | 2455 | mg/kg | 0.50  | 16                   | 17                   | 15                   | 6.8                  | 12                   | 6.1              | 3.0                  | 34                   |
| Lead                            |             | M                    | 2455 | mg/kg | 0.50  | 49                   | 46                   | 40                   | 6.6                  | 11                   | 57               | 4.5                  | 23                   |
| Selenium                        |             | M                    | 2455 | mg/kg | 0.25  | 1.2                  | 1.6                  | 0.76                 | < 0.25               | 0.32                 | 1.0              | < 0.25               | < 0.25               |
| Zinc                            |             | M                    | 2455 | mg/kg | 0.50  | 140                  | 79                   | 92                   | 26                   | 43                   | 110              | 9.8                  | 88                   |
| Chromium (Hexavalent)           |             | N                    | 2490 | mg/kg | 0.50  |                      |                      |                      |                      |                      |                  |                      |                      |
| Aliphatic VPH >C5-C6            | HS_2D_AL    | U                    | 2780 | mg/kg | 0.05  | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | [B] < 0.05       | [B] < 0.05           | [B] < 0.05           |
| Aliphatic VPH >C6-C7            | HS_2D_AL    | U                    | 2780 | mg/kg | 0.05  | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | [B] < 0.05       | [B] < 0.05           | [B] < 0.05           |
| Aliphatic VPH >C7-C8            | HS_2D_AL    | U                    | 2780 | mg/kg | 0.05  | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | [B] < 0.05       | [B] < 0.05           | [B] < 0.05           |
| Aliphatic VPH >C6-C8 (Sum)      | HS_2D_AL    | N                    | 2780 | mg/kg | 0.10  | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10               | [B] < 0.10       | [B] < 0.10           | [B] < 0.10           |
| Aliphatic VPH >C8-C10           | HS_2D_AL    | U                    | 2780 | mg/kg | 0.05  | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | [B] < 0.05       | [B] < 0.05           | [B] < 0.05           |
| Total Aliphatic VPH >C5-C10     | HS_2D_AL    | U                    | 2780 | mg/kg | 0.25  | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               | [B] < 0.25       | [B] < 0.25           | [B] < 0.25           |
| Aliphatic EPH >C10-C12 MC       | EH_2D_AL_#1 | M                    | 2690 | mg/kg | 2.00  | 6.7                  | 6.2                  | 6.2                  | 9.7                  | 5.4                  | [B] 7.8          | [B] 10               | [B] 8.2              |
| Aliphatic EPH >C12-C16 MC       | EH_2D_AL_#1 | M                    | 2690 | mg/kg | 1.00  | 1.8                  | 2.1                  | 4.1                  | 10                   | 1.4                  | [B] 3.2          | [B] 11               | [B] 3.4              |
| Aliphatic EPH >C16-C21 MC       | EH_2D_AL_#1 | M                    | 2690 | mg/kg | 2.00  | 4.5                  | 2.1                  | < 2.0                | 7.2                  | 9.7                  | [B] < 2.0        | [B] 18               | [B] < 2.0            |
| Aliphatic EPH >C21-C35 MC       | EH_2D_AL_#1 | M                    | 2690 | mg/kg | 3.00  | 280                  | 6.5                  | 4.5                  | 14                   | 45                   | [B] < 3.0        | [B] 68               | [B] 4.9              |
| Aliphatic EPH >C35-C40 MC       | EH_2D_AL_#1 | N                    | 2690 | mg/kg | 10.00 | 10                   | < 10                 | < 10                 | < 10                 | < 10                 | [B] < 10         | [B] 17               | [B] < 10             |
| Total Aliphatic EPH >C10-C35 MC | EH_2D_AL_#1 | M                    | 2690 | mg/kg | 5.00  | 290                  | 17                   | 17                   | 42                   | 61                   | [B] 12           | [B] 110              | [B] 17               |
| Total Aliphatic EPH >C10-C40 MC | EH_2D_AL_#1 | N                    | 2690 | mg/kg | 10.00 | 300                  | 17                   | 17                   | 42                   | 61                   | [B] 12           | [B] 120              | [B] 17               |
| Aromatic VPH >C5-C7             | HS_2D_AR    | U                    | 2780 | mg/kg | 0.05  | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | [B] < 0.05       | [B] < 0.05           | [B] < 0.05           |
| Aromatic VPH >C7-C8             | HS_2D_AR    | U                    | 2780 | mg/kg | 0.05  | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | [B] < 0.05       | [B] < 0.05           | [B] < 0.05           |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |             |              |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    | 24-19025    | 24-19025     | 24-19025    | 24-19335    | 24-19335    | 24-19915    | 24-19915    | 24-19915    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> | 1821792     | 1821793      | 1821794     | 1822927     | 1822928     | 1825240     | 1825242     | 1825243     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |             |              |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |             |              |             |             |             |             |             |             |
|                                |                  | Sample Location:            | BH324       | BH324        | BH324       | BH324       | BH324       | BH319       | BH319       | BH319       |
|                                |                  | Sample Type:                | SOIL        | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              | 0.20        | 0.70         | 3.50        | 4.80        | 7.00        | 0.50        | 2.50        | 450         |
|                                |                  | Bottom Depth (m):           |             |              |             |             |             |             |             |             |
|                                |                  | Date Sampled:               | 12-Jun-2024 | 12-Jun-2024  | 12-Jun-2024 | 14-Jun-2024 | 14-Jun-2024 | 19-Jun-2024 | 19-Jun-2024 | 19-Jun-2024 |
|                                |                  | Asbestos Lab:               | NEW-ASB     | NEW-ASB      | NEW-ASB     | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b>  | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |
| Aromatic VPH >C8-C10           | HS_2D_AR         | U                           | 2780        | mg/kg        | 0.05        | < 0.05      | < 0.05      | < 0.05      | < 0.05      | [B] < 0.05  |
| Total Aromatic VPH >C5-C10     | HS_2D_AR         | U                           | 2780        | mg/kg        | 0.25        | < 0.25      | < 0.25      | < 0.25      | < 0.25      | [B] < 0.25  |
| Aromatic EPH >C10-C12 MC       | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 1.00        | < 1.0       | < 1.0       | < 1.0       | < 1.0       | [B] < 1.0   |
| Aromatic EPH >C12-C16 MC       | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 1.00        | < 1.0       | < 1.0       | < 1.0       | 1.5         | [B] < 1.0   |
| Aromatic EPH >C16-C21 MC       | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 2.00        | 3.8         | < 2.0       | 2.7         | 2.8         | 32          |
| Aromatic EPH >C21-C35 MC       | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 2.00        | 2.8         | < 2.0       | 7.4         | < 2.0       | < 2.0       |
| Aromatic EPH >C35-C40 MC       | EH_2D_AR_#1      | N                           | 2690        | mg/kg        | 1.00        | 4.8         | 28          | 2.1         | 3.9         | 200         |
| Total Aromatic EPH >C10-C35 MC | EH_2D_AR_#1      | U                           | 2690        | mg/kg        | 5.00        | 6.6         | < 5.0       | 10          | < 5.0       | 34          |
| Total Aromatic EPH >C10-C40 MC | EH_2D_AR_#1      | N                           | 2690        | mg/kg        | 10.00       | 11          | 28          | 12          | < 10        | 230         |
| Total VPH >C5-C10              | HS_2D_Total      | U                           | 2780        | mg/kg        | 0.50        | < 0.50      | < 0.50      | < 0.50      | < 0.50      | < 0.50      |
| Total EPH >C10-C35 MC          | EH_2D_Total_#1   | U                           | 2690        | mg/kg        | 10.00       | 300         | 18          | 27          | 45          | 96          |
| Total EPH >C10-C40 MC          | EH_2D_Total_#1   | N                           | 2690        | mg/kg        | 10.00       | 310         | 46          | 29          | 49          | 300         |
| Naphthalene                    |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Acenaphthylene                 |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Acenaphthene                   |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Fluorene                       |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Phenanthrene                   |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Anthracene                     |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Fluoranthene                   |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Pyrene                         |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Benzo[a]anthracene             |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Chrysene                       |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Benzo[b]fluoranthene           |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Benzo[k]fluoranthene           |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Benzo[a]pyrene                 |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Indeno(1,2,3-c,d)Pyrene        |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Dibenz(a,h)Anthracene          |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Benzo[g,h,i]perylene           |                  | M                           | 2700        | mg/kg        | 0.10        |             |             |             |             |             |
| Total Of 16 PAH's              |                  | M                           | 2700        | mg/kg        | 2.0         |             |             |             |             |             |
| Dichlorodifluoromethane        |                  | U                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |
| Chloromethane                  |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |
| Vinyl Chloride                 |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |
| Bromomethane                   |                  | M                           | 2760        | µg/kg        | 20          |             |             |             |             |             |
| Chloroethane                   |                  | U                           | 2760        | µg/kg        | 2.0         |             |             |             |             |             |
| Trichlorofluoromethane         |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |
| 1,1-Dichloroethene             |                  | M                           | 2760        | µg/kg        | 1.0         |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |            |             |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            |              |            | 24-19025    | 24-19025    | 24-19025    | 24-19335    | 24-19335    | 24-19915    | 24-19915    | 24-19915    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            |              |            | 1821792     | 1821793     | 1821794     | 1822927     | 1822928     | 1825240     | 1825242     | 1825243     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            |              |            | BH324       | BH324       | BH324       | BH324       | BH324       | BH319       | BH319       | BH319       |
|                                |                  | Sample Type:                |            |              |            | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            |              |            | 0.20        | 0.70        | 3.50        | 4.80        | 7.00        | 0.50        | 2.50        | 450         |
|                                |                  | Bottom Depth (m):           |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            |              |            | 12-Jun-2024 | 12-Jun-2024 | 12-Jun-2024 | 14-Jun-2024 | 14-Jun-2024 | 19-Jun-2024 | 19-Jun-2024 | 19-Jun-2024 |
|                                |                  | Asbestos Lab:               |            |              |            | NEW-ASB     | NEW-ASB     | NEW-ASB     | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |             |             |             |             |             |             |             |             |
| Dichloromethane                |                  | N                           | 2760       | µg/kg        | 50         |             |             |             |             |             |             |             |             |
| Trans 1,2-Dichloroethene       |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,1-Dichloroethane             |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| cis 1,2-Dichloroethene         |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Bromochloromethane             |                  | U                           | 2760       | µg/kg        | 5.0        |             |             |             |             |             |             |             |             |
| Trichloromethane               |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,1,1-Trichloroethane          |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Tetrachloromethane             |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,1-Dichloropropene            |                  | U                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Benzene                        |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,2-Dichloroethane             |                  | M                           | 2760       | µg/kg        | 2.0        |             |             |             |             |             |             |             |             |
| Trichloroethene                |                  | N                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,2-Dichloropropane            |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Dibromomethane                 |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Bromodichloromethane           |                  | M                           | 2760       | µg/kg        | 5.0        |             |             |             |             |             |             |             |             |
| cis-1,3-Dichloropropene        |                  | N                           | 2760       | µg/kg        | 10         |             |             |             |             |             |             |             |             |
| Toluene                        |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Trans-1,3-Dichloropropene      |                  | N                           | 2760       | µg/kg        | 10         |             |             |             |             |             |             |             |             |
| 1,1,2-Trichloroethane          |                  | M                           | 2760       | µg/kg        | 10         |             |             |             |             |             |             |             |             |
| Tetrachloroethene              |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,3-Dichloropropane            |                  | U                           | 2760       | µg/kg        | 2.0        |             |             |             |             |             |             |             |             |
| Dibromochloromethane           |                  | U                           | 2760       | µg/kg        | 10         |             |             |             |             |             |             |             |             |
| 1,2-Dibromoethane              |                  | M                           | 2760       | µg/kg        | 5.0        |             |             |             |             |             |             |             |             |
| Chlorobenzene                  |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,1,1,2-Tetrachloroethane      |                  | M                           | 2760       | µg/kg        | 2.0        |             |             |             |             |             |             |             |             |
| Ethylbenzene                   |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| m & p-Xylene                   |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| o-Xylene                       |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Styrene                        |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Tribromomethane                |                  | U                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Isopropylbenzene               |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Bromobenzene                   |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,2,3-Trichloropropane         |                  | N                           | 2760       | µg/kg        | 50         |             |             |             |             |             |             |             |             |
| N-Propylbenzene                |                  | U                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 2-Chlorotoluene                |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,3,5-Trimethylbenzene         |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |            |             |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            |              |            | 24-19025    | 24-19025    | 24-19025    | 24-19335    | 24-19335    | 24-19915    | 24-19915    | 24-19915    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            |              |            | 1821792     | 1821793     | 1821794     | 1822927     | 1822928     | 1825240     | 1825242     | 1825243     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            |              |            | BH324       | BH324       | BH324       | BH324       | BH324       | BH319       | BH319       | BH319       |
|                                |                  | Sample Type:                |            |              |            | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            |              |            | 0.20        | 0.70        | 3.50        | 4.80        | 7.00        | 0.50        | 2.50        | 450         |
|                                |                  | Bottom Depth (m):           |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            |              |            | 12-Jun-2024 | 12-Jun-2024 | 12-Jun-2024 | 14-Jun-2024 | 14-Jun-2024 | 19-Jun-2024 | 19-Jun-2024 | 19-Jun-2024 |
|                                |                  | Asbestos Lab:               |            |              |            | NEW-ASB     | NEW-ASB     | NEW-ASB     | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |             |             |             |             |             |             |             |             |
| 4-Chlorotoluene                |                  | U                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Tert-Butylbenzene              |                  | U                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,2,4-Trimethylbenzene         |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Sec-Butylbenzene               |                  | U                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,3-Dichlorobenzene            |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 4-Isopropyltoluene             |                  | U                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,4-Dichlorobenzene            |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| N-Butylbenzene                 |                  | U                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,2-Dichlorobenzene            |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,2-Dibromo-3-Chloropropane    |                  | U                           | 2760       | µg/kg        | 50         |             |             |             |             |             |             |             |             |
| 1,2,4-Trichlorobenzene         |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| Hexachlorobutadiene            |                  | N                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| 1,2,3-Trichlorobenzene         |                  | U                           | 2760       | µg/kg        | 2.0        |             |             |             |             |             |             |             |             |
| Methyl Tert-Butyl Ether        |                  | M                           | 2760       | µg/kg        | 1.0        |             |             |             |             |             |             |             |             |
| N-Nitrosodimethylamine         |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Phenol                         |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2-Chlorophenol                 |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Bis-(2-Chloroethyl)Ether       |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 1,3-Dichlorobenzene            |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 1,4-Dichlorobenzene            |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 1,2-Dichlorobenzene            |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2-Methylphenol                 |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Bis(2-Chloroisopropyl)Ether    |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Hexachloroethane               |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| N-Nitrosodi-n-propylamine      |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 4-Methylphenol                 |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Nitrobenzene                   |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Isophorone                     |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2-Nitrophenol                  |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2,4-Dimethylphenol             |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Bis(2-Chloroethoxy)Methane     |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2,4-Dichlorophenol             |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 1,2,4-Trichlorobenzene         |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Naphthalene                    |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 4-Chloroaniline                |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Hexachlorobutadiene            |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                |                  |                             |            |              |            |             |             |             |             |             |             |             |             |
|--------------------------------|------------------|-----------------------------|------------|--------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: RSK Geosciences</b> |                  | <b>Chemtest Job No.:</b>    |            |              |            | 24-19025    | 24-19025    | 24-19025    | 24-19335    | 24-19335    | 24-19915    | 24-19915    | 24-19915    |
| Quotation No.: Q24-35208       |                  | <b>Chemtest Sample ID.:</b> |            |              |            | 1821792     | 1821793     | 1821794     | 1822927     | 1822928     | 1825240     | 1825242     | 1825243     |
| Order No.: P02150967           |                  | Client Sample Ref.:         |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Client Sample ID.:          |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Sample Location:            |            |              |            | BH324       | BH324       | BH324       | BH324       | BH324       | BH319       | BH319       | BH319       |
|                                |                  | Sample Type:                |            |              |            | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                |                  | Top Depth (m):              |            |              |            | 0.20        | 0.70        | 3.50        | 4.80        | 7.00        | 0.50        | 2.50        | 450         |
|                                |                  | Bottom Depth (m):           |            |              |            |             |             |             |             |             |             |             |             |
|                                |                  | Date Sampled:               |            |              |            | 12-Jun-2024 | 12-Jun-2024 | 12-Jun-2024 | 14-Jun-2024 | 14-Jun-2024 | 19-Jun-2024 | 19-Jun-2024 | 19-Jun-2024 |
|                                |                  | Asbestos Lab:               |            |              |            | NEW-ASB     | NEW-ASB     | NEW-ASB     | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |
| <b>Determinand</b>             | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |             |             |             |             |             |             |             |             |
| 4-Chloro-3-Methylphenol        |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2-Methylnaphthalene            |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 4-Nitrophenol                  |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2,4,6-Trichlorophenol          |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2,4,5-Trichlorophenol          |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2-Chloronaphthalene            |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2-Nitroaniline                 |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Acenaphthylene                 |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Dimethylphthalate              |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2,6-Dinitrotoluene             |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Acenaphthene                   |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 3-Nitroaniline                 |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Dibenzofuran                   |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 4-Chlorophenylphenylether      |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 2,4-Dinitrotoluene             |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Fluorene                       |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Diethyl Phthalate              |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 4-Nitroaniline                 |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Azobenzene                     |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| 4-Bromophenylphenyl Ether      |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Hexachlorobenzene              |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Phenanthrene                   |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Anthracene                     |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Carbazole                      |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Di-N-Butyl Phthalate           |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Fluoranthene                   |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Pyrene                         |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Butylbenzyl Phthalate          |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Benzo[a]anthracene             |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Chrysene                       |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Bis(2-Ethylhexyl)Phthalate     |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Di-N-Octyl Phthalate           |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Benzo[b]fluoranthene           |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Benzo[k]fluoranthene           |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Benzo[a]pyrene                 |                  | M                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |
| Indeno(1,2,3-c,d)Pyrene        |                  | N                           | 2790       | mg/kg        | 0.50       |             |             |             |             |             |             |             |             |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                          |           |                      |      |       |      |             |             |             |             |             |             |             |             |
|--------------------------|-----------|----------------------|------|-------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Client: RSK Geosciences  |           | Chemtest Job No.:    |      |       |      | 24-19025    | 24-19025    | 24-19025    | 24-19335    | 24-19335    | 24-19915    | 24-19915    | 24-19915    |
| Quotation No.: Q24-35208 |           | Chemtest Sample ID.: |      |       |      | 1821792     | 1821793     | 1821794     | 1822927     | 1822928     | 1825240     | 1825242     | 1825243     |
| Order No.: P02150967     |           | Client Sample Ref.:  |      |       |      |             |             |             |             |             |             |             |             |
|                          |           | Client Sample ID.:   |      |       |      |             |             |             |             |             |             |             |             |
|                          |           | Sample Location:     |      |       |      | BH324       | BH324       | BH324       | BH324       | BH324       | BH319       | BH319       | BH319       |
|                          |           | Sample Type:         |      |       |      | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                          |           | Top Depth (m):       |      |       |      | 0.20        | 0.70        | 3.50        | 4.80        | 7.00        | 0.50        | 2.50        | 450         |
|                          |           | Bottom Depth (m):    |      |       |      |             |             |             |             |             |             |             |             |
|                          |           | Date Sampled:        |      |       |      | 12-Jun-2024 | 12-Jun-2024 | 12-Jun-2024 | 14-Jun-2024 | 14-Jun-2024 | 19-Jun-2024 | 19-Jun-2024 | 19-Jun-2024 |
|                          |           | Asbestos Lab:        |      |       |      | NEW-ASB     | NEW-ASB     | NEW-ASB     | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |
| Determinand              | HWOL Code | Accred.              | SOP  | Units | LOD  |             |             |             |             |             |             |             |             |
| Dibenz(a,h)Anthracene    |           | N                    | 2790 | mg/kg | 0.50 |             |             |             |             |             |             |             |             |
| Benzo[g,h,i]perylene     |           | M                    | 2790 | mg/kg | 0.50 |             |             |             |             |             |             |             |             |
| Naphthalene              |           | M                    | 2800 | mg/kg | 0.10 | 0.41        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 3.5         | 0.10        | 0.70        |
| Acenaphthylene           |           | N                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.2         | < 0.10      | < 0.10      |
| Acenaphthene             |           | M                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.1         | < 0.10      | 0.12        |
| Fluorene                 |           | M                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.93        | < 0.10      | 0.15        |
| Phenanthrene             |           | M                    | 2800 | mg/kg | 0.10 | 0.42        | < 0.10      | 0.59        | < 0.10      | < 0.10      | 2.0         | < 0.10      | 0.82        |
| Anthracene               |           | M                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.67        | < 0.10      | 0.19        |
| Fluoranthene             |           | M                    | 2800 | mg/kg | 0.10 | 0.38        | < 0.10      | 0.27        | < 0.10      | 0.28        | 2.6         | < 0.10      | 0.31        |
| Pyrene                   |           | M                    | 2800 | mg/kg | 0.10 | 0.30        | < 0.10      | 0.25        | < 0.10      | 0.26        | 1.9         | < 0.10      | 0.22        |
| Benzo[a]anthracene       |           | M                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.3         | < 0.10      | 0.16        |
| Chrysene                 |           | M                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.6         | < 0.10      | 0.20        |
| Benzo[b]fluoranthene     |           | M                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 2.6         | < 0.10      | 0.24        |
| Benzo[k]fluoranthene     |           | M                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.83        | < 0.10      | 0.22        |
| Benzo[a]pyrene           |           | M                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.5         | < 0.10      | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene  |           | M                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.6         | < 0.10      | 0.19        |
| Dibenz(a,h)Anthracene    |           | N                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.33        | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene     |           | M                    | 2800 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.3         | < 0.10      | 0.18        |
| Total Of 16 PAH's        |           | N                    | 2800 | mg/kg | 2.0  | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | 25          | < 2.0       | 3.7         |

## Results - Soil

**Project: 315531 EAF Meltshop**

|                                 |                  |                             |            |              |             |                      |                      |                      |                      |                      |                      |                      |
|---------------------------------|------------------|-----------------------------|------------|--------------|-------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: RSK Geosciences</b>  |                  | <b>Chemtest Job No.:</b>    |            | 24-19915     | 24-19915    | 24-19915             | 24-21511             | 24-21511             | 24-21511             | 24-21511             | 24-21511             | 24-21511             |
| Quotation No.: Q24-35208        |                  | <b>Chemtest Sample ID.:</b> |            | 1825245      | 1825246     | 1825247              | 1831342              | 1831343              | 1831344              | 1831345              | 1831346              | 1831346              |
| Order No.: P02150967            |                  | Client Sample Ref.:         |            |              |             |                      | ES                   | ES                   | ES                   | ES                   | ES                   | ES                   |
|                                 |                  | Client Sample ID.:          |            |              |             |                      | 1                    | 2                    | 1                    | 1                    | 2                    | 2                    |
|                                 |                  | Sample Location:            |            | BH320        | BH320       | BH320                | BH331                | BH331                | BH329                | BH328                | BH328                | BH328                |
|                                 |                  | Sample Type:                |            | SOIL         | SOIL        | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                 |                  | Top Depth (m):              |            | 0.50         | 1.50        | 3.60                 | 0.4                  | 2.0                  | 4.5                  | 0.5                  | 1.5                  | 1.5                  |
|                                 |                  | Bottom Depth (m):           |            |              |             |                      |                      |                      |                      |                      |                      |                      |
|                                 |                  | Date Sampled:               |            | 19-Jun-2024  | 19-Jun-2024 | 19-Jun-2024          | 04-Jul-2024          | 04-Jul-2024          | 04-Jul-2024          | 04-Jul-2024          | 04-Jul-2024          | 04-Jul-2024          |
|                                 |                  | Asbestos Lab:               |            | DURHAM       | DURHAM      | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>              | <b>HWOL Code</b> | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                        |                  | U                           | 2192       |              | N/A         | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification         |                  | U                           | 2192       |              | N/A         | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry          |                  | U                           | 2192       | %            | 0.001       |                      |                      |                      |                      |                      |                      |                      |
| Total Asbestos                  |                  | U                           | 2192       | %            | 0.001       |                      |                      |                      |                      |                      |                      |                      |
| Moisture                        |                  | N                           | 2030       | %            | 0.020       | 4.5                  | 19                   | 24                   | 8.4                  | 5.9                  | 5.0                  | 4.1                  |
| Soil Colour                     |                  | N                           | 2040       |              | N/A         | Brown                | Brown                | Brown                | Brown                | Brown                | Brown                | Brown                |
| Other Material                  |                  | N                           | 2040       |              | N/A         | Stones               | Stones               | Roots                | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                    |                  | N                           | 2040       |              | N/A         | Loam                 | Clay                 | Clay                 | Loam                 | Sand                 | Sand                 | Loam                 |
| pH at 20C                       |                  | M                           | 2010       |              | 4.0         |                      |                      |                      |                      |                      |                      |                      |
| Arsenic                         |                  | M                           | 2455       | mg/kg        | 0.5         | 6.4                  | 9.9                  | 15                   | 2.9                  | 9.0                  | 6.3                  | 4.1                  |
| Cadmium                         |                  | M                           | 2455       | mg/kg        | 0.10        | < 0.10               | < 0.10               | < 0.10               | 0.60                 | < 0.10               | 0.18                 | 0.45                 |
| Chromium                        |                  | M                           | 2455       | mg/kg        | 0.5         | 26                   | 46                   | 29                   | 550                  | 19                   | 170                  | 1300                 |
| Copper                          |                  | M                           | 2455       | mg/kg        | 0.50        | 42                   | 13                   | 8.8                  | 32                   | 2.7                  | 24                   | 44                   |
| Mercury                         |                  | M                           | 2455       | mg/kg        | 0.05        | 0.08                 | 0.12                 | < 0.05               | < 0.05               | < 0.05               | 0.05                 | < 0.05               |
| Nickel                          |                  | M                           | 2455       | mg/kg        | 0.50        | 11                   | 18                   | 31                   | 23                   | 4.9                  | 9.9                  | 27                   |
| Lead                            |                  | M                           | 2455       | mg/kg        | 0.50        | 42                   | 25                   | 18                   | 24                   | 5.9                  | 36                   | 23                   |
| Selenium                        |                  | M                           | 2455       | mg/kg        | 0.25        | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               |
| Zinc                            |                  | M                           | 2455       | mg/kg        | 0.50        | 73                   | 64                   | 73                   | 500                  | 15                   | 75                   | 130                  |
| Chromium (Hexavalent)           |                  | N                           | 2490       | mg/kg        | 0.50        |                      |                      |                      |                      |                      |                      |                      |
| Aliphatic VPH >C5-C6            | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Aliphatic VPH >C6-C7            | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Aliphatic VPH >C7-C8            | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Aliphatic VPH >C6-C8 (Sum)      | HS_2D_AL         | N                           | 2780       | mg/kg        | 0.10        | [B] < 0.10           | [B] < 0.10           | [B] < 0.10           | < 0.10               | < 0.10               | < 0.10               | < 0.10               |
| Aliphatic VPH >C8-C10           | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Total Aliphatic VPH >C5-C10     | HS_2D_AL         | U                           | 2780       | mg/kg        | 0.25        | [B] < 0.25           | [B] < 0.25           | [B] < 0.25           | < 0.25               | < 0.25               | < 0.25               | < 0.25               |
| Aliphatic EPH >C10-C12 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 2.00        | [B] 7.3              | [B] 8.5              | [B] 14               | 6.8                  | 7.2                  | 7.9                  | 7.8                  |
| Aliphatic EPH >C12-C16 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 1.00        | [B] 2.1              | [B] 5.9              | [B] 22               | 2.6                  | 2.9                  | 4.6                  | 6.0                  |
| Aliphatic EPH >C16-C21 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 2.00        | [B] < 2.0            | [B] 3.5              | [B] 75               | < 2.0                | < 2.0                | 3.2                  | 5.1                  |
| Aliphatic EPH >C21-C35 MC       | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 3.00        | [B] 4.4              | [B] 25               | [B] 430              | < 3.0                | < 3.0                | 92                   | 16                   |
| Aliphatic EPH >C35-C40 MC       | EH_2D_AL_#1      | N                           | 2690       | mg/kg        | 10.00       | [B] < 10             | [B] < 10             | [B] 81               | < 10                 | < 10                 | 27                   | < 10                 |
| Total Aliphatic EPH >C10-C35 MC | EH_2D_AL_#1      | M                           | 2690       | mg/kg        | 5.00        | [B] 14               | [B] 43               | [B] 540              | 12                   | 11                   | 110                  | 35                   |
| Total Aliphatic EPH >C10-C40 MC | EH_2D_AL_#1      | N                           | 2690       | mg/kg        | 10.00       | [B] 14               | [B] 43               | [B] 620              | 12                   | 11                   | 130                  | 35                   |
| Aromatic VPH >C5-C7             | HS_2D_AR         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Aromatic VPH >C7-C8             | HS_2D_AR         | U                           | 2780       | mg/kg        | 0.05        | [B] < 0.05           | [B] < 0.05           | [B] < 0.05           | < 0.05               | < 0.05               | < 0.05               | < 0.05               |