# Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

| | | | |
|---|---|---|---|
| Start date: | 04/03/2025 | Driller: | SGT-CJ |
| End date: | 04/03/2025 | Logged by: | ESP-AC |
| Backfill date: | 04/03/2025 | Date logged: | 04/03/2025 |

Project Name: Sandfields Young Business Centre
Site Location: Port Talbot
Client: Neath Port Talbot Council
Project No: 9222

Drilling method: Window Sampler
Equipment: Terrier Dart

| | |
|---|---|
| Ground Level: | 12.00 mOD |
| Easting: | 273275 m |
| Northing: | 191195 m |

# WS101

| Depth | Sample Type | Sample Class | Test Details Type | Test Details Result | Water Depth | Casing Depth | Strata Details Description | Legend | Water Strikes/ Standing | Depth (Thickness) | mOD | Backfill/ Install-ations |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Black TARMAC (MADE GROUND) | | | (0.07) | 11.93 | |
| 0.30 | ES | | | | | | (Probably medium dense) dark grey mottled brown silty sandy fine to coarse angular to sub angular GRAVEL of slag-like material and brick and concrete fragments with medium cobble content. Cobbles are angular slag-like material. Sand is fine. (MADE GROUND) | | | 0.07 | | |
| 0.60 | ES | | | | | | | | | (1.13) | | |
| 1.00 | D | | | | | | | | | 1 | | |
| 1.20 - 2.00 | B | | SPT | 20 (7 for 0mm/20 for 0mm) | 1.20 | | Medium dense dark grey mottled brown sandy fine to coarse angular to sub angular GRAVEL of slag-like material and brick and concrete fragments with medium cobble content. Cobbles are angular slag-like material. Sand is fine. (MADE GROUND) | | | 1.20 | 10.80 | |
| 1.40 | D | | | | | | | | | (0.30) | | |
| | | | | | | | | | | 1.50 | 10.50 | |
| 1.80 | D | | | | | | Medium dense light brown mottled brown fine SAND with occasional shell fragments and lenses of clay. (BLOWN SAND). | | | (0.50) | | |
| 2.00 - 3.00 | B | | SPT | 44 (17 for 0mm/44 for 0mm) | 2.00 | | Dense light brown mottled brown fine SAND with occasional shell fragments and lenses of clay. (BLOWN SAND). | | | 2.00 | 10.00 | |
| 2.40 | D | | | | | | | | | (1.00) | | |
| | | | SPT | 50 (7 for 0mm/50 for 0mm) | 3.00 | | End of Borehole at 3.000m | | | 3.00 | 9.00 | |
| | | | | | | | | | | 4 | | |

| Progress & Standing Water Levels | | | | |
|---|---|---|---|---|
| Date | Time | Hole Depth | Casing Depth | Water Depth |

| Water Strikes | | | | | | |
|---|---|---|---|---|---|---|
| Date | Time | Strike Depth | Casing Depth | Elapsed Minutes | Depth to Water | Depth Sealed |

| Chiselling | | |
|---|---|---|
| Depth Top | Depth Base | Duration |

| Hole Diameter | |
|---|---|
| Hole Depth | Hole Diameter |
| 3.00 | |

| Casing Diameter | |
|---|---|
| Casing Diameter | Casing Depth |
| 110 | 3.00 |

## General Remarks

1. Co-ordinates and ground levels of investigation points obtained by a GNS3 GPS (Geode).
2. Service plans reviewed and area CAT scanned prior to breaking ground. Hand excavated service inspection pit dug to 1.2m depth.
3. No groundwater encountered.
4. 50mm diameter gas and groundwater monitoring well installed upon completion with a response zone between 1.00m and 3.00m.

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|---|---|---|---|
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| End date: | 04/03/2025 | Logged by: | ESP-AC |
| Backfill date: | 04/03/2025 | Date logged: | 04/03/2025 |

Project Name: Sandfields Young Business Centre
Site Location: Port Talbot
Client: Neath Port Talbot Council
Project No: 9222

Drilling method: Window Sampler
Equipment: Terrier Dart

| | |
|---|---|
| Ground Level: | 12.00 mOD |
| Easting: | 273268 m |
| Northing: | 191181 m |

# WS102

| Depth | Sample Type | Sample Class | Test Details Type | Test Details Result | Water Depth | Casing Depth | Strata Details Description | Legend | Water Strikes/ Standing | Depth (Thickness) | Depth mOD | Backfill/ Install-ations |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Black TARMAC (MADE GROUND) | | | (0.09) 0.09 | 11.91 | |
| 0.30 | ES | | | | | | (Probably medium dense) dark grey mottled brown silty sandy fine to coarse angular to sub angular GRAVEL of slag-like material and brick and concrete fragments with medium cobble content. Cobbles are angular slag-like material. Sand is fine. (MADE GROUND) | | | | | |
| 0.60 | ES | | | | | | | | | (1.11) | | |
| 1.00 | D | | | | | | | | | 1 | | |
| 1.20 - 2.00 | B | | SPT | 15 (7 for 0mm/15 for 0mm) | 1.20 | | Medium dense dark grey mottled brown sandy fine to coarse angular to sub angular GRAVEL of slag-like material and brick and concrete fragments with medium cobble content. Cobbles are angular slag-like material. Sand is fine. (MADE GROUND) | | | 1.20 (0.20) | 10.80 | |
| 1.30 | D | | | | | | | | | 1.40 | 10.60 | |
| 1.70 | D | | | | | | Medium dense light brown mottled brown fine SAND with occasional shell fragments and lenses of clay. (BLOWN SAND). | | | | | |
| 2.00 - 3.00 | B | | SPT | 21 (11 for 0mm/21 for 0mm) | 2.00 | | | | | 2 (1.60) | | |
| 2.50 | D | | | | | | | | | | | |
| | | | SPT | 36 (14 for 0mm/36 for 0mm) | 2.80 | | End of Borehole at 2.800m | | | 3.00 | 9.00 | |
| | | | | | | | | | | 4 | | |

| Progress & Standing Water Levels | | | | |
|---|---|---|---|---|
| Date | Time | Hole Depth | Casing Depth | Water Depth |
| | | | | |

| Water Strikes | | | | | | |
|---|---|---|---|---|---|---|
| Date | Time | Strike Depth | Casing Depth | Elapsed Minutes | Depth to Water | Depth Sealed |
| | | | | | | |

| Chiselling | | |
|---|---|---|
| Depth Top | Depth Base | Duration |
| | | |

| Hole Diameter | |
|---|---|
| Hole Depth | Hole Diameter |
| 2.80 | |

| Casing Diameter | |
|---|---|
| Casing Diameter | Casing Depth |
| 110 | 2.80 |

## General Remarks

1. Co-ordinates and ground levels of investigation points obtained by a GNS3 GPS (Geode).
2. Service plans reviewed and area CAT scanned prior to breaking ground. Hand excavated service inspection pit dug to 1.2m depth.
3. No groundwater encountered.
4. 50mm diameter gas and groundwater monitoring well installed upon completion with a response zone between 1.00 and 2.80m.

# Earth Science Partnership

Consulting Engineers | Geologists | Environmental Scientists

# WS103

| | | | |
|---|---|---|---|
| Start date: | 04/03/2025 | Driller: | SGT-CJ |
| End date: | 04/03/2025 | Logged by: | ESP-AC |
| Backfill date: | 04/03/2025 | Date logged: | 04/03/2025 |

Project Name: Sandfields Young Business Centre
Site Location: Port Talbot
Client: Neath Port Talbot Council
Project No: 9222

Drilling method: Window Sampler
Equipment: Terrier Dart

| | |
|---|---|
| Ground Level: | 12.00 mOD |
| Easting: | 273245 m |
| Northing: | 191160 m |

| Depth | Sample Type | Sample Class | Test Details Type | Test Details Result | Water Depth | Casing Depth | Strata Description | Legend | Water Strikes/Standing | Depth (Thickness) | mOD | Backfill/Install-ations |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Grass over (probably soft) dark brown mottled brown slightly clayey silty fine SAND. (MADE GROUND / PLACED TOPSOIL) | | | (0.10) 0.10 | 11.90 | |
| 0.30 | ES | | | | | | (Probably medium dense) dark grey mottled brown silty sandy fine to coarse angular to sub angular GRAVEL of slag-like material and brick and concrete fragments with medium cobble content. Cobbles are angular slag-like material. Sand is fine. (MADE GROUND) | | | | | |
| 0.60 | ES | | | | | | | | | (1.00) | | |
| 1.00 | D | | | | | | | | | 1 | | |
| 1.20 - 2.00 | B | | SPT | 47 (12 for 0mm/47 for 0mm) | 1.20 | | Dense dark grey mottled brown silty gravelly fine SAND with medium cobble content. Gravel is angular to sub angular fine to coarse slag-like material and brick and concrete fragments with medium cobble content. Cobbles are angular slag-like material. Sand is fine. (MADE GROUND) | | | 1.10 (0.30) | 10.90 | |
| 1.50 | D | | | | | | Dense light brown mottled brown fine SAND with frequent lenses of clay and occasional shell fragments. (BLOWN SAND). | | | 1.40 (0.60) | 10.60 | |
| | | | SPT | 50 (7 for 0mm/50 for 0mm) | 2.00 | | End of Borehole at 2.000m | | | 2.00 | 10.00 | |
| | | | | | | | | | | 3 | | |
| | | | | | | | | | | 4 | | |

| Progress & Standing Water Levels | | | | |
|---|---|---|---|---|
| Date | Time | Hole Depth | Casing Depth | Water Depth |

| Water Strikes | | | | | | | |
|---|---|---|---|---|---|---|---|
| Date | Time | Strike Depth | Casing Depth | Elapsed Minutes | Depth to Water | Depth Sealed | |

| Chiselling | | |
|---|---|---|
| Depth Top | Depth Base | Duration |

| Hole Diameter | |
|---|---|
| Hole Depth | Hole Diameter |
| 2.00 | |

| Casing Diameter | |
|---|---|
| Casing Diameter | Casing Depth |
| 110 | 2.00 |

## General Remarks

1. Co-ordinates and ground levels of investigation points obtained by a GNS3 GPS (Geode).
2. Service plans reviewed and area CAT scanned prior to breaking ground. Hand excavated service inspection pit dug to 1.2m depth.
3. No groundwater encountered.
4. 50mm diameter gas and groundwater monitoring well installed upon completion with a response zone between 1.00 and 1.80m.