

# Laboratory Test Certificate

Site Waterfalls County Visitor Centre  
Client Andrew Scott Ltd

**CJAssociates**

F.A.O.  
Address

Order Number T488/42  
Job Number 2441244  
Lab Number L17516

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|                                          |       |   |            |
|------------------------------------------|-------|---|------------|
| Number of samples submitted for testing: | _____ | 1 | sample (s) |
|------------------------------------------|-------|---|------------|

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|                 |       |   |          |
|-----------------|-------|---|----------|
| Toxic 9 Metals  | _____ | 1 | per test |
| TPH Total       | _____ | 1 | per test |
| PAH 16          | _____ | 1 | per test |
| PCB 7 Congeners | _____ | 1 | per test |
| Asbestos Screen | _____ | 1 | per test |
| Full WAC Suite  | _____ | 1 | per test |

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Results apply to the sample(s) as received.

\* Non UKAS accredited test

|                                             |       |    |        |
|---------------------------------------------|-------|----|--------|
| Date (s) sample (s) received at laboratory: | _____ | 21 | Jul-25 |
| Date of receipt of testing instructions     | _____ | 21 | Jul-25 |
| Date testing started:                       | _____ | 22 | Jul-25 |
| Date of issue:                              | _____ | 5  | Aug-25 |

Please note that we will keep the sample (s) for one month after submission of our report and will then dispose of them without notice unless you ask us to store them. We will then make a separate charge for this.



Approved by :  
Lisa Maiden

1429

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C.J. Associates Geotechnical Ltd  
Portview Road  
Avonmouth - Bristol BS11 9JE  
Tel: 0117 982 1473

Time [12:00] Date [05/08/2025]

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## FINAL ANALYTICAL TEST REPORT

**Envirolab Job Number:** 25/07983  
**Issue Number:** 1  
**Date:** 04 August, 2025

**Client:** CJ Associates (Bridgend)  
Unit 1-3, Block 6, Newlands Avenue  
Brackla Industrial Estate  
Bridgend  
Mid Glamorgan  
CF31 2DA

**Project Manager:** Admin/Lisa Maiden  
**Project Name:** Waterfalls County Visitor Centre  
**Project Ref:** 2441244 (L17516 - S11199)  
**Order No:** N/A  
**Date Samples Received:** 23/07/25  
**Date Instructions Received:** 23/07/25  
**Date Analysis Completed:** 04/08/25

**Approved by:**

Richard Wong  
Client Manager

Envirolab Job Number: 25/07983

Client Project Name: Waterfalls County Visitor Centre

Client Project Ref: 2441244 (L17516 - S11199)

|                                                |            |  |  |  |  |  |  |       |                    |            |
|------------------------------------------------|------------|--|--|--|--|--|--|-------|--------------------|------------|
| Lab Sample ID                                  | 25/07983/1 |  |  |  |  |  |  | Units | Limit of Detection | Method ref |
| Client Sample No                               |            |  |  |  |  |  |  |       |                    |            |
| Client Sample ID                               | Sample 1   |  |  |  |  |  |  |       |                    |            |
| Depth to Top                                   |            |  |  |  |  |  |  |       |                    |            |
| Depth To Bottom                                |            |  |  |  |  |  |  |       |                    |            |
| Date Sampled                                   | 21-Jul-25  |  |  |  |  |  |  |       |                    |            |
| Sample Type                                    | SOIL - ES  |  |  |  |  |  |  |       |                    |            |
| Sample Matrix Code                             | 4AE        |  |  |  |  |  |  |       |                    |            |
| % Stones >10mm <sub>A</sub>                    | <0.1       |  |  |  |  |  |  | % w/w | 0.1                | A-T-044    |
| Arsenic <sub>D</sub> <sup>M#</sup>             | 2          |  |  |  |  |  |  | mg/kg | 1                  | A-T-024s   |
| Cadmium <sub>D</sub>                           | <1.0       |  |  |  |  |  |  | mg/kg | 1                  | A-T-024s   |
| Copper <sub>D</sub> <sup>M#</sup>              | 25         |  |  |  |  |  |  | mg/kg | 1                  | A-T-024s   |
| Chromium <sub>D</sub> <sup>M#</sup>            | 22         |  |  |  |  |  |  | mg/kg | 1                  | A-T-024s   |
| Lead <sub>D</sub> <sup>M#</sup>                | 30         |  |  |  |  |  |  | mg/kg | 1                  | A-T-024s   |
| Mercury <sub>D</sub>                           | <0.17      |  |  |  |  |  |  | mg/kg | 0.17               | A-T-024s   |
| Nickel <sub>D</sub> <sup>M#</sup>              | 30         |  |  |  |  |  |  | mg/kg | 1                  | A-T-024s   |
| Selenium <sub>D</sub> <sup>M#</sup>            | <1         |  |  |  |  |  |  | mg/kg | 1                  | A-T-024s   |
| Zinc <sub>D</sub> <sup>M#</sup>                | 76         |  |  |  |  |  |  | mg/kg | 1                  | A-T-024s   |
| TPH total (>C6-C40) <sub>A</sub> <sup>M#</sup> | 22         |  |  |  |  |  |  | mg/kg | 10                 | A-T-007s   |

Envirolab Job Number: 25/07983

Client Project Name: Waterfalls County Visitor Centre

Client Project Ref: 2441244 (L17516 - S11199)

|                                                                 |            |  |  |  |  |  |  |       |                    |            |
|-----------------------------------------------------------------|------------|--|--|--|--|--|--|-------|--------------------|------------|
| Lab Sample ID                                                   | 25/07983/1 |  |  |  |  |  |  | Units | Limit of Detection | Method ref |
| Client Sample No                                                |            |  |  |  |  |  |  |       |                    |            |
| Client Sample ID                                                | Sample 1   |  |  |  |  |  |  |       |                    |            |
| Depth to Top                                                    |            |  |  |  |  |  |  |       |                    |            |
| Depth To Bottom                                                 |            |  |  |  |  |  |  |       |                    |            |
| Date Sampled                                                    | 21-Jul-25  |  |  |  |  |  |  |       |                    |            |
| Sample Type                                                     | SOIL - ES  |  |  |  |  |  |  |       |                    |            |
| Sample Matrix Code                                              | 4AE        |  |  |  |  |  |  |       |                    |            |
| Asbestos in Soil (inc. matrix)                                  |            |  |  |  |  |  |  |       |                    |            |
| Asbestos in soil <sup>#</sup>                                   | NAD        |  |  |  |  |  |  |       |                    | A-T-045    |
| Asbestos Matrix (visual) <sub>D</sub>                           | -          |  |  |  |  |  |  |       |                    | A-T-045    |
| Asbestos Matrix (microscope) <sub>D</sub>                       | -          |  |  |  |  |  |  |       |                    | A-T-045    |
| Asbestos ACM - Suitable for Water Absorption Test? <sub>D</sub> | N/A        |  |  |  |  |  |  |       |                    | A-T-045    |

Envirolab Job Number: 25/07983

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|                                                  |            |  |  |  |  |  |  |       |                    |            |
|--------------------------------------------------|------------|--|--|--|--|--|--|-------|--------------------|------------|
| Lab Sample ID                                    | 25/07983/1 |  |  |  |  |  |  | Units | Limit of Detection | Method ref |
| Client Sample No                                 |            |  |  |  |  |  |  |       |                    |            |
| Client Sample ID                                 | Sample 1   |  |  |  |  |  |  |       |                    |            |
| Depth to Top                                     |            |  |  |  |  |  |  |       |                    |            |
| Depth To Bottom                                  |            |  |  |  |  |  |  |       |                    |            |
| Date Sampled                                     | 21-Jul-25  |  |  |  |  |  |  |       |                    |            |
| Sample Type                                      | SOIL - ES  |  |  |  |  |  |  |       |                    |            |
| Sample Matrix Code                               | 4AE        |  |  |  |  |  |  |       |                    |            |
| PAH-16MS                                         |            |  |  |  |  |  |  |       |                    |            |
| Acenaphthene <sub>A</sub> <sup>M#</sup>          | <0.01      |  |  |  |  |  |  | mg/kg | 0.01               | A-T-019s   |
| Acenaphthylene <sub>A</sub> <sup>M#</sup>        | <0.01      |  |  |  |  |  |  | mg/kg | 0.01               | A-T-019s   |
| Anthracene <sub>A</sub> <sup>M#</sup>            | <0.02      |  |  |  |  |  |  | mg/kg | 0.02               | A-T-019s   |
| Benzo(a)anthracene <sub>A</sub> <sup>M#</sup>    | <0.04      |  |  |  |  |  |  | mg/kg | 0.04               | A-T-019s   |
| Benzo(a)pyrene <sub>A</sub> <sup>M#</sup>        | <0.04      |  |  |  |  |  |  | mg/kg | 0.04               | A-T-019s   |
| Benzo(b)fluoranthene <sub>A</sub> <sup>M#</sup>  | <0.05      |  |  |  |  |  |  | mg/kg | 0.05               | A-T-019s   |
| Benzo(ghi)perylene <sub>A</sub> <sup>M#</sup>    | <0.05      |  |  |  |  |  |  | mg/kg | 0.05               | A-T-019s   |
| Benzo(k)fluoranthene <sub>A</sub> <sup>M#</sup>  | <0.07      |  |  |  |  |  |  | mg/kg | 0.07               | A-T-019s   |
| Chrysene <sub>A</sub> <sup>M#</sup>              | <0.06      |  |  |  |  |  |  | mg/kg | 0.06               | A-T-019s   |
| Dibenzo(ah)anthracene <sub>A</sub> <sup>M#</sup> | <0.04      |  |  |  |  |  |  | mg/kg | 0.04               | A-T-019s   |
| Fluoranthene <sub>A</sub> <sup>M#</sup>          | <0.08      |  |  |  |  |  |  | mg/kg | 0.08               | A-T-019s   |
| Fluorene <sub>A</sub> <sup>M#</sup>              | <0.01      |  |  |  |  |  |  | mg/kg | 0.01               | A-T-019s   |
| Indeno(123-cd)pyrene <sub>A</sub> <sup>M#</sup>  | <0.03      |  |  |  |  |  |  | mg/kg | 0.03               | A-T-019s   |
| Naphthalene <sub>A</sub> <sup>M#</sup>           | <0.03      |  |  |  |  |  |  | mg/kg | 0.03               | A-T-019s   |
| Phenanthrene <sub>A</sub> <sup>M#</sup>          | <0.03      |  |  |  |  |  |  | mg/kg | 0.03               | A-T-019s   |
| Pyrene <sub>A</sub> <sup>M#</sup>                | <0.07      |  |  |  |  |  |  | mg/kg | 0.07               | A-T-019s   |
| Total PAH-16MS <sub>A</sub> <sup>M#</sup>        | <0.08      |  |  |  |  |  |  | mg/kg | 0.01               | A-T-019s   |

Envirolab Job Number: 25/07983

Client Project Name: Waterfalls County Visitor Centre

Client Project Ref: 2441244 (L17516 - S11199)

|                                                    |            |  |  |  |  |  |  |       |                    |            |
|----------------------------------------------------|------------|--|--|--|--|--|--|-------|--------------------|------------|
| Lab Sample ID                                      | 25/07983/1 |  |  |  |  |  |  | Units | Limit of Detection | Method ref |
| Client Sample No                                   |            |  |  |  |  |  |  |       |                    |            |
| Client Sample ID                                   | Sample 1   |  |  |  |  |  |  |       |                    |            |
| Depth to Top                                       |            |  |  |  |  |  |  |       |                    |            |
| Depth To Bottom                                    |            |  |  |  |  |  |  |       |                    |            |
| Date Sampled                                       | 21-Jul-25  |  |  |  |  |  |  |       |                    |            |
| Sample Type                                        | SOIL - ES  |  |  |  |  |  |  |       |                    |            |
| Sample Matrix Code                                 | 4AE        |  |  |  |  |  |  |       |                    |            |
| Speciated PCB-EC7                                  |            |  |  |  |  |  |  |       |                    |            |
| PCB BZ 28 <sub>A</sub> <sup>M#</sup>               | <0.003     |  |  |  |  |  |  | mg/kg | 0.003              | A-T-004s   |
| PCB BZ 52 <sub>A</sub> <sup>M#</sup>               | <0.002     |  |  |  |  |  |  | mg/kg | 0.002              | A-T-004s   |
| PCB BZ 101 <sub>A</sub> <sup>M#</sup>              | <0.004     |  |  |  |  |  |  | mg/kg | 0.004              | A-T-004s   |
| PCB BZ 118 <sub>A</sub> <sup>M#</sup>              | <0.007     |  |  |  |  |  |  | mg/kg | 0.007              | A-T-004s   |
| PCB BZ 138 <sub>A</sub> <sup>M#</sup>              | <0.006     |  |  |  |  |  |  | mg/kg | 0.006              | A-T-004s   |
| PCB BZ 153 <sub>A</sub> <sup>M#</sup>              | <0.004     |  |  |  |  |  |  | mg/kg | 0.004              | A-T-004s   |
| PCB BZ 180 <sub>A</sub> <sup>M#</sup>              | <0.004     |  |  |  |  |  |  | mg/kg | 0.004              | A-T-004s   |
| Total Speciated PCB-EC7 <sub>A</sub> <sup>M#</sup> | <0.007     |  |  |  |  |  |  | mg/kg | 0.003              | A-T-004s   |

## Report Notes

### General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- The results reported herein relate only to the material supplied to the laboratory.
- The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
- Analytical results reflect the quality of the sample at the time of analysis only.
- Opinions and Interpretations expressed are outside our scope of accreditation.
- A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

### Key

|                           |                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------|
| Superscript “#”           | Accredited to ISO 17025                                                                               |
| Superscript “M”           | Accredited to MCertS                                                                                  |
| Superscript “U”           | Individual result not accredited                                                                      |
| None of the above symbols | Analysis unaccredited                                                                                 |
| Subscript “A”             | Analysis performed on as-received Sample                                                              |
| Subscript “D”             | Analysis performed on the dried sample, crushed to pass 2mm sieve.                                    |
| Subscript “D” on Asbestos | Analysis performed on a dried aliquot of sample provided.                                             |
| Subscript “A”             | Analysis has dependant options against results. Details appear in the comments of your Sample receipt |
| IS                        | Insufficient Sample for analysis                                                                      |
| US                        | Unsuitable Sample for analysis                                                                        |
| NDP                       | No Determination Possible                                                                             |
| NAD                       | No Asbestos Detected                                                                                  |
| Trace                     | Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.          |
| N/A                       | Not applicable                                                                                        |

### Asbestos

**Identification:** Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.

Stones etc. are not removed from the sample prior to analysis

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

### Assigned Matrix Codes

|   |           |   |                                             |   |                               |
|---|-----------|---|---------------------------------------------|---|-------------------------------|
| 1 | SAND      | 6 | CLAY/LOAM                                   | A | Contains Stones               |
| 2 | LOAM      | 7 | OTHER                                       | B | Contains Construction Rubble  |
| 3 | CLAY      | 8 | Asbestos Bulk (Only Asbestos ID accredited) | C | Contains visible hydrocarbons |
| 4 | LOAM/SAND | 9 | Incinerator Ash (some Metals accredited)    | D | Contains glass / metal        |
| 5 | SAND/CLAY |   |                                             | E | Contains roots / twigs        |

**Note:** 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

### Soil Chemical Analysis:

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as “% stones >10mm”.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any “A” subscripts

All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any “D” subscripts.

### TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

### EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

### Electrical Conductivity of water by method A-T-037:

Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Please contact your client manager if you require any further information.

## Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU  
Tel. 0161 368 4921 email. ask@envlab.co.uk

**Client:** CJ Associates (Bridgend), Unit 1-3, Block 6, Newlands Avenue, Brackla  
Industrial Estate, Bridgend, Mid Glamorgan, CF31 2DA

**Project:** Waterfalls County Visitor Centre

**Clients Project No:** 2441244 (L17516 - S11199)

**Project No:** 25/07983

**Date Received:** 23/07/2025 (am)

**Cool Box Temperatures (°C):** 17

### NO DEVIATIONS IDENTIFIED

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

## Envirolab Analysis Dates

|                               |            |
|-------------------------------|------------|
| <b>Lab Sample ID</b>          | 25/07983/1 |
| <b>Client Sample No</b>       |            |
| <b>Client Sample ID/Depth</b> | Sample 1   |
| <b>Date Sampled</b>           | 21/07/25   |
| A-T-004s                      | 30/07/2025 |
| A-T-007s                      | 30/07/2025 |
| A-T-019s                      | 01/08/2025 |
| A-T-022s                      | 30/07/2025 |
| A-T-024s                      | 04/08/2025 |
| A-T-025w                      | 01/08/2025 |
| A-T-026w                      | 01/08/2025 |
| A-T-026w (F)                  | 01/08/2025 |
| A-T-030s                      | 30/07/2025 |
| A-T-031s                      | 31/07/2025 |
| A-T-031w                      | 01/08/2025 |
| A-T-032s                      | 31/07/2025 |
| A-T-032w                      | 01/08/2025 |
| A-T-037w                      | 01/08/2025 |
| A-T-044                       | 31/07/2025 |
| A-T-045                       | 24/07/2025 |
| A-T-050w                      | 01/08/2025 |
| A-T-ANCs                      | 31/07/2025 |
| Calc-no stones                | 01/08/2025 |
| Probe (w)                     | 01/08/2025 |

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

**End of Report**

## Final Test Report

Envirolab Job Number: 25/07983  
Issue Number: 1  
Date: 4-Aug-25

Client: CJ Associates (Bridgend)  
Unit 1-3, Block 6, Newlands Avenue  
Brackla Industrial Estate  
Bridgend  
Mid Glamorgan  
CF31 2DA

Project Manager: Admin/Lisa Maiden  
Project Name: Waterfalls County Visitor Centre  
Project Ref: 2441244 (L17516 - S11199)  
Order No: N/A

Date Samples Received: 23-Jul-25  
Date Instructions Received: 23-Jul-25  
Date Analysis Completed: 4-Aug-25

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### **Notes - Soil analysis**

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones >10mm are removed or excluded from the sample prior to analysis and reported results corrected to a whole sample basis.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis.

### **Notes - General**

This report shall not be reproduced, except in full, without written approval from Envirolab.

Subscript "A" indicates analysis performed on the sample as received. "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve, unless asbestos is found to be present in which case all analysis is performed on the sample as received.

All analysis is performed on the dried and crushed sample for samples with Matrix Code 7 and this supercedes any "A" subscripts.

All analysis is performed on the sample as received for soil samples from outside the European Union and this supercedes any "D" subscripts

For complex, multi-compound analysis, quality control results do not always fall within chart limits for every compound and we have criteria for reporting in these situations.

If results are in italic font they are associated with such quality control failures and may be unreliable.

A deviating samples report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid

**Predominant Matrix Codes:** 1 = SAND, 2 = LOAM, 3 = CLAY, 4 = LOAM/SAND, 5 = SAND/CLAY, 6 = CLAY/LOAM, 7 = OTHER, 8 = Asbestos bulk ID sample

**Secondary Matrix Codes:** A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal, E = contains roots/twigs.

IS indicates Insufficient sample for analysis, NDP indicates No Determination Possible and NAD indicates No Asbestos Detected.

Analytical results reflect the quality of the sample at the time of analysis only. Opinions and interpretations expressed are outside the scope of our accreditation.

Please contact us if you need any further information.

**HWOL TPH Code:** EH\_CU\_1D\_AL: Extractable hydrocarbons - i.e. everything extracted by the solvent(s), Clean-up - e.g. by florisil, silica gel, GC - Single coil gas chromatography, Aliphatics only

Approved by:

Richard Wong  
Client Manager

| Sample Details                                                                                                                         |         |          |        |            | Landfill Waste Acceptance Criteria Limits |                                                                                         |                             |        |
|----------------------------------------------------------------------------------------------------------------------------------------|---------|----------|--------|------------|-------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------|--------|
| Lab Sample ID                                                                                                                          | Method  | ISO17025 | MCERTS | 25/07983/1 |                                           |                                                                                         |                             |        |
| Client Sample Number                                                                                                                   |         |          |        |            | Inert Waste Landfill                      | Stable Non-reactive<br>Hazardous Waste in<br>Non-Hazardous<br>Landfill                  | Hazardous Waste<br>Landfill |        |
| Client Sample ID                                                                                                                       |         |          |        | Sample 1   |                                           |                                                                                         |                             |        |
| Depth to Top                                                                                                                           |         |          |        |            |                                           |                                                                                         |                             |        |
| Depth to Bottom                                                                                                                        |         |          |        |            |                                           |                                                                                         |                             |        |
| Date Sampled                                                                                                                           |         |          |        | 21/07/2025 |                                           |                                                                                         |                             |        |
| Sample Type                                                                                                                            |         |          |        | Soil - ES  |                                           |                                                                                         |                             |        |
| Sample Matrix Code                                                                                                                     |         |          |        | 4AE        |                                           |                                                                                         |                             |        |
| Solid Waste Analysis                                                                                                                   |         |          |        |            |                                           |                                                                                         |                             |        |
| pH (pH Units) <sub>D</sub>                                                                                                             | A-T-031 | N        | N      | 4.89       | -                                         | >6                                                                                      | -                           |        |
| ANC to pH 4 (mol/kg) <sub>D</sub>                                                                                                      | A-T-ANC | N        | N      | 0.03       | -                                         | to be evaluated                                                                         | to be evaluated             |        |
| ANC to pH 6 (mol/kg) <sub>D</sub>                                                                                                      | A-T-ANC | N        | N      | <0.01      | -                                         | to be evaluated                                                                         | to be evaluated             |        |
| Loss on Ignition (%) <sub>D</sub>                                                                                                      | A-T-030 | N        | N      | 14.9       | -                                         | -                                                                                       | 10                          |        |
| Total Organic Carbon (%) <sub>D</sub>                                                                                                  | A-T-032 | N        | N      | 8.73       | 3                                         | 5                                                                                       | 6                           |        |
| PAH Sum of 17 (mg/kg) <sub>A</sub>                                                                                                     | A-T-019 | N        | N      | <0.08      | 100                                       | -                                                                                       | -                           |        |
| Mineral Oil (mg/kg) <sub>A EH_CU_1D_AL</sub>                                                                                           | A-T-007 | N        | N      | <10        | 500                                       | -                                                                                       | -                           |        |
| Sum of 7 PCBs (mg/kg) <sub>A</sub>                                                                                                     | A-T-004 | N        | N      | <0.007     | 1                                         | -                                                                                       | -                           |        |
| Sum of BTEX (mg/kg) <sub>A</sub>                                                                                                       | A-T-022 | N        | N      | <0.01      | 6                                         | -                                                                                       | -                           |        |
| Eluate Analysis                                                                                                                        |         |          |        | 10:1       | 10:1                                      | Limit values for compliance leaching test using<br>BS EN 12457-2 at L/S 10 l/kg (mg/kg) |                             |        |
|                                                                                                                                        |         |          |        | mg/l       | mg/kg                                     |                                                                                         |                             |        |
| Arsenic                                                                                                                                | A-T-025 | N        | N      | <0.001     | <0.01                                     | 0.5                                                                                     | 2                           | 25     |
| Barium                                                                                                                                 | A-T-025 | N        | N      | 0.016      | 0.160                                     | 20                                                                                      | 100                         | 300    |
| Cadmium                                                                                                                                | A-T-025 | N        | N      | <0.001     | <0.01                                     | 0.04                                                                                    | 1                           | 5      |
| Chromium                                                                                                                               | A-T-025 | N        | N      | <0.001     | <0.01                                     | 0.5                                                                                     | 10                          | 70     |
| Copper                                                                                                                                 | A-T-025 | N        | N      | 0.006      | 0.060                                     | 2                                                                                       | 50                          | 100    |
| Mercury                                                                                                                                | A-T-025 | N        | N      | <0.0005    | <0.005                                    | 0.01                                                                                    | 0.2                         | 2      |
| Molybdenum                                                                                                                             | A-T-025 | N        | N      | <0.001     | <0.01                                     | 0.5                                                                                     | 10                          | 30     |
| Nickel                                                                                                                                 | A-T-025 | N        | N      | <0.002     | <0.02                                     | 0.4                                                                                     | 10                          | 40     |
| Lead                                                                                                                                   | A-T-025 | N        | N      | 0.006      | 0.060                                     | 0.5                                                                                     | 10                          | 50     |
| Antimony                                                                                                                               | A-T-025 | N        | N      | <0.001     | <0.01                                     | 0.06                                                                                    | 0.7                         | 5      |
| Selenium                                                                                                                               | A-T-025 | N        | N      | <0.001     | <0.01                                     | 0.1                                                                                     | 0.5                         | 7      |
| Zinc                                                                                                                                   | A-T-025 | N        | N      | 0.016      | 0.160                                     | 4                                                                                       | 50                          | 200    |
| Chloride                                                                                                                               | A-T-026 | N        | N      | 2          | 16                                        | 800                                                                                     | 15000                       | 25000  |
| Fluoride                                                                                                                               | A-T-026 | N        | N      | <0.10      | <1                                        | 10                                                                                      | 150                         | 500    |
| Sulphate as SO <sub>4</sub>                                                                                                            | A-T-026 | N        | N      | <1.00      | <10                                       | 1000                                                                                    | 20000                       | 50000  |
| Total Dissolved Solids                                                                                                                 | A-T-035 | N        | N      | <20        | <200                                      | 4000                                                                                    | 60000                       | 100000 |
| Phenol Index                                                                                                                           | A-T-050 | N        | N      | <0.01      | <0.1                                      | 1                                                                                       | -                           | -      |
| Dissolved Organic Carbon                                                                                                               | A-T-032 | N        | N      | <2.0       | <200                                      | 500                                                                                     | 800                         | 1000   |
| Leach Test Information                                                                                                                 |         |          |        |            |                                           |                                                                                         |                             |        |
| pH (pH Units)                                                                                                                          | A-T-031 | N        | N      | 6.1        |                                           |                                                                                         |                             |        |
| Conductivity (µS/cm)                                                                                                                   | A-T-037 | N        | N      | 26         |                                           |                                                                                         |                             |        |
| Mass Sample (kg)                                                                                                                       |         |          |        | 0.225      |                                           |                                                                                         |                             |        |
| Dry Matter (%)                                                                                                                         | A-T-044 | N        | N      | 77.9       |                                           |                                                                                         |                             |        |
| Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation |         |          |        |            |                                           |                                                                                         |                             |        |