



Description

Plot 26

Hole ID Plot 27

Plot No./Position Plot 27

Date of Hole 27/04/2021, 13:00

Hole Type HP

Final Depth 0.58

Ground Conditions

(2 records)

| Top Depth | Base Depth | General description of stratum                                   |
|-----------|------------|------------------------------------------------------------------|
| 0         | 0.15       | Brown gravelly SILT with some brick fragments and some rootlets. |
| 0.15      | 0.58       | Orangish brown sandy gravelly CLAY with rare brick fragments.    |

Samples

(2 records)

| Top Depth | Base Depth | Sample type | Sample reference |
|-----------|------------|-------------|------------------|
| 0.1       |            | ES          | 1                |
| 0.4       |            | ES          | 2                |

(X) Pass

Pass/Fail

( ) Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Photographs

(1 record)

Photograph



Description

Pit depth

Hole ID Plot 28

Plot No./Position Plot 28

Date of Hole 27/04/2021, 13:17

Hole Type HP

Final Depth 0.6

Ground Conditions

(1 record)

| Top Depth | Base Depth | General description of stratum                           |
|-----------|------------|----------------------------------------------------------|
| 0         | 0.6        | Dark brown gravelly fine sand with rare brick fragments. |

Samples

(1 record)

| Top Depth | Base Depth | Sample type | Sample reference |
|-----------|------------|-------------|------------------|
| 0.5       |            | ES          | 1                |

Pass/Fail

(X) Pass

( ) Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Photographs

(1 record)

Photograph



Description

Plot 28

|                   |                   |
|-------------------|-------------------|
| Hole ID           | Plot 29           |
| Plot No./Position | Plot 29           |
| Date of Hole      | 27/04/2021, 13:25 |
| Hole Type         | HP                |
| Final Depth       | 0.7               |

Ground Conditions

(2 records)

| Top Depth | Base Depth | General description of stratum                                                                    |
|-----------|------------|---------------------------------------------------------------------------------------------------|
| 0         | 0.7        | Dark brown gravelly fine SAND with some brick fragments and concrete rubble.                      |
| 0.15      | 0.7        | Dark brown gravelly fine SAND with pockets of orangish brown sandy clay and some brick fragments. |

Samples

(2 records)

| Top Depth | Base Depth | Sample type | Sample reference |
|-----------|------------|-------------|------------------|
| 0.1       |            | ES          | 1                |
| 0.6       |            | ES          | 2                |

Pass/Fail

(X) Pass

( ) Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Photographs

(1 record)

Photograph



Description

Plot 29

Hole ID Plot 24

Plot No./Position Plot 24

Date of Hole 27/04/2021, 13:35

Hole Type HP

Final Depth 0.65

Ground Conditions

(2 records)

| Top Depth | Base Depth | General description of stratum                                      |
|-----------|------------|---------------------------------------------------------------------|
| 0         | 0.6        | Dark brown slightly clayey gravelly SILT with rare brick fragments. |
| 0.6       | 0.65       | Concrete rubble and brick fragments. Crush deter to dig barrier.    |

Samples

(1 record)

| Top Depth | Base Depth | Sample type | Sample reference |
|-----------|------------|-------------|------------------|
| 0.3       |            | ES          | 1                |

Pass/Fail

(X) Pass

( ) Fail

Remarks Location of topsoil stockpile. Remaining topsoil spread to cover plot without orange membrane.

Photo of Spoil



Photo of hole with tape in place



Photographs

(2 records)

Photograph



Description

Plot 24 looking S.

Photograph



Description

Plot 24 looking N.

Approved By

*No users*

|                                                                                               |                 |
|-----------------------------------------------------------------------------------------------|-----------------|
| ID                                                                                            | GE18103         |
| Project Name                                                                                  | Cornfield Close |
| Client                                                                                        | Thakeham        |
| Engineers                                                                                     |                 |
|  Fiona Goode |                 |
| Project Manager                                                                               |                 |

No users

|                 |               |
|-----------------|---------------|
| Location        | Littlehampton |
| Date            | 19/05/2021    |
| Details of Hole |               |

(3 records)

|                   |                   |
|-------------------|-------------------|
| Hole ID           | Plot 24 2         |
| Plot No./Position | Plot 24 retest    |
| Date of Hole      | 19/05/2021, 14:15 |
| Hole Type         | HP                |
| Final Depth       | 0.62              |
| Ground Conditions |                   |

(1 record)

| Top Depth | Base Depth | General description of stratum                                                                                        |
|-----------|------------|-----------------------------------------------------------------------------------------------------------------------|
| 0         | 0.62       | Dark brown slightly silty gravelly CLAY with frequent roots and rootlets and occasional flint gravel<br>Taram beneath |

Samples

(2 records)

| Top Depth | Base Depth | Sample type | Sample reference |
|-----------|------------|-------------|------------------|
| 0.25      |            | ES          | 1                |
| 0.55      |            | ES          | 2                |

Pass/Fail (X) Pass  
( ) Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Photographs

(1 record)

Photograph



Description

Plot 24

Hole ID

Plot 16

Plot No./Position

Plot 16

Date of Hole

19/05/2021, 14:26

Hole Type

HP

Final Depth

0.6

Ground Conditions

(2 records)

| Top Depth | Base Depth | General description of stratum                                           |
|-----------|------------|--------------------------------------------------------------------------|
| 0         | 0.23       | Dark brown slightly silty gravelly CLAY with frequent roots and rootlets |
|           |            |                                                                          |

|      |     |                                                                         |
|------|-----|-------------------------------------------------------------------------|
| 0.23 | 0.6 | Firm grey and orange mottled slightly gravelly CLAY<br>Taram underneath |
|------|-----|-------------------------------------------------------------------------|

Samples

(2 records)

| Top Depth | Base Depth | Sample type | Sample reference |
|-----------|------------|-------------|------------------|
| 0.15      |            | ES          | 1                |
| 0.45      |            | ES          | 2                |

Pass/Fail

(X) Pass

( ) Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Photographs

(1 record)

Photograph



Description

Plots 16 and 17

Hole ID Plot 17

Plot No./Position Plot 17

Date of Hole 19/05/2021, 14:38

Hole Type HP

Final Depth 0.60

Ground Conditions

(2 records)

| Top Depth | Base Depth | General description of stratum                                           |
|-----------|------------|--------------------------------------------------------------------------|
| 0         | 0.23       | Dark brown slightly silty gravelly CLAY with frequent roots and rootlets |
| 0.23      | 0.60       | Firm grey and orange mottled gravelly CLAY<br>Taram underneath           |

Samples

(1 record)

| Top Depth | Base Depth | Sample type | Sample reference |
|-----------|------------|-------------|------------------|
| 0.1       |            | ES          | 1                |

(X) Pass

Pass/Fail

( ) Fail

Remarks

Photo of Spoil



Photo of hole with tape in place

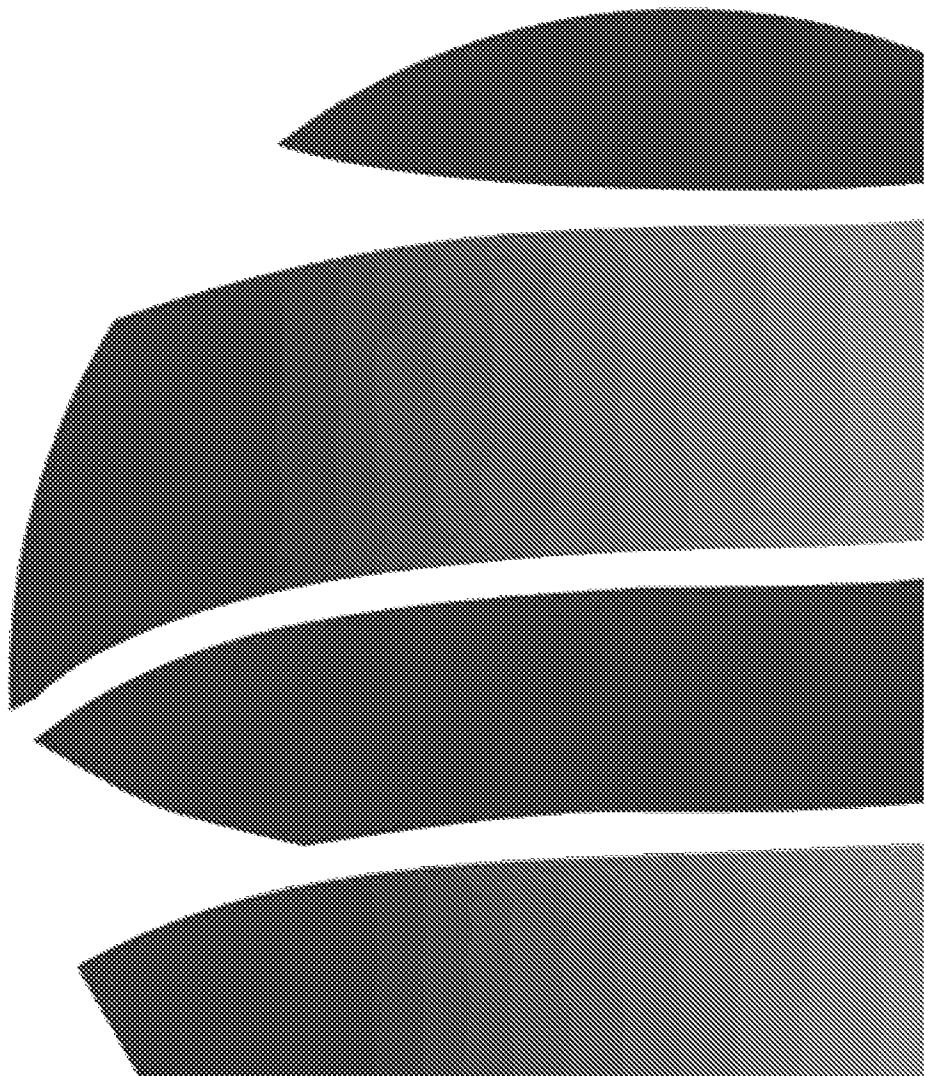


Approved By

*No users*

## **APPENDIX F**

### **Independent Geochemical Laboratory Results**



# ELAB



2683



Unit A2  
Windmill Road  
Ponswood Industrial Estate  
St Leonards on Sea  
East Sussex  
TN38 9BY

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## THE ENVIRONMENTAL LABORATORY LTD

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**Analytical Report Number:** 21-33449

**Issue:** 1

**Date of Issue:** 26/05/2021

**Contact:** Fiona Goode

**Customer Details:** GESL  
Unit 7  
Danworth Farm  
Hurstpierpoint  
West Sussex BN6 9GL

**Quotation No:** Q19-01488

**Order No:** PO-3953

**Customer Reference:** GE18103

**Date Received:** 28/04/2021

**Date Approved:** 26/05/2021

**Details:** Cornfield Close

**Approved by:**

Mike Varley, Technical Manager

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Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

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## Sample Summary

Report No.: 21-33449, issue number 1

| Elab No. | Client's Ref. | Date Sampled | Date Scheduled | Description      | Deviations |
|----------|---------------|--------------|----------------|------------------|------------|
| 235364   | Plot 24 0.30  | 28/04/2021   | 29/04/2021     | Silty loam       |            |
| 235365   | Plot 25 0.10  | 28/04/2021   | 29/04/2021     | Silty loam       |            |
| 235366   | Plot 25 0.60  | 28/04/2021   | 29/04/2021     | Sandy silty loam |            |
| 235367   | Plot 26 0.10  | 28/04/2021   | 29/04/2021     | Silty loam       |            |
| 235368   | Plot 26 0.30  | 28/04/2021   | 29/04/2021     | Silty loam       |            |
| 235369   | Plot 27 0.10  | 28/04/2021   | 29/04/2021     |                  |            |
| 235370   | Plot 27 0.40  | 28/04/2021   | 29/04/2021     | Silty loam       |            |
| 235371   | Plot 28 0.50  | 28/04/2021   | 29/04/2021     | Sandy silty loam |            |
| 235372   | Plot 29 0.10  | 28/04/2021   | 29/04/2021     | Silty loam       |            |
| 235373   | Plot 29 0.60  | 28/04/2021   | 29/04/2021     | Sandy silty loam |            |



## Results Summary

2683

Report No.: 21-33449, issue number 1

|                    |            |            |            |            |            |
|--------------------|------------|------------|------------|------------|------------|
| ELAB Reference     | 235364     | 235365     | 235366     | 235367     | 235368     |
| Customer Reference |            |            |            |            |            |
| Sample ID          |            |            |            |            |            |
| Sample Type        | SOIL       | SOIL       | SOIL       | SOIL       | SOIL       |
| Sample Location    | Plot 24    | Plot 25    | Plot 25    | Plot 26    | Plot 26    |
| Sample Depth (m)   | 0.30       | 0.10       | 0.60       | 0.10       | 0.30       |
| Sampling Date      | 28/04/2021 | 28/04/2021 | 28/04/2021 | 28/04/2021 | 28/04/2021 |

| Determinand                                         | Codes | Units    | LOD  |        |        |        |        |        |
|-----------------------------------------------------|-------|----------|------|--------|--------|--------|--------|--------|
| <b>Soil sample preparation parameters</b>           |       |          |      |        |        |        |        |        |
| Material removed                                    | N     | %        | 0.1  | 19.0   | 37.0   | 14.7   | 19.3   | < 0.1  |
| Description of Inert material removed               | N     |          | 0    | Stones | Stones | Stones | Stones | None   |
| <b>Metals</b>                                       |       |          |      |        |        |        |        |        |
| Arsenic                                             | M     | mg/kg    | 1    | 14.2   | n/t    | 16.2   | 15.7   | n/t    |
| Beryllium                                           | U     | mg/kg    | 1    | < 1.0  | n/t    | < 1.0  | < 1.0  | n/t    |
| Cadmium                                             | M     | mg/kg    | 0.5  | < 0.5  | n/t    | < 0.5  | < 0.5  | n/t    |
| Chromium                                            | M     | mg/kg    | 5    | 24.7   | n/t    | 27.5   | 33.6   | n/t    |
| Copper                                              | M     | mg/kg    | 5    | 44.3   | 40.1   | 25.8   | 38.7   | 23.4   |
| Lead                                                | M     | mg/kg    | 5    | 285    | n/t    | 48.4   | 125    | n/t    |
| Mercury                                             | M     | mg/kg    | 0.5  | < 0.5  | n/t    | < 0.5  | < 0.5  | n/t    |
| Nickel                                              | M     | mg/kg    | 5    | 16.4   | 19.5   | 15.5   | 19.7   | 14.7   |
| Selenium                                            | M     | mg/kg    | 1    | < 1.0  | n/t    | < 1.0  | < 1.0  | n/t    |
| Vanadium                                            | M     | mg/kg    | 5    | 36.7   | n/t    | 43.0   | 49.0   | n/t    |
| Zinc                                                | M     | mg/kg    | 5    | 130    | 151    | 84.6   | 144    | 73.4   |
| <b>Anions</b>                                       |       |          |      |        |        |        |        |        |
| Water Soluble Chloride                              | M     | mg/kg    | 40   | 45     | n/t    | 57     | 76     | n/t    |
| Water Soluble Sulphate                              | M     | g/l      | 0.02 | 0.16   | n/t    | 0.13   | 0.22   | n/t    |
| <b>Inorganics</b>                                   |       |          |      |        |        |        |        |        |
| Carbonate                                           | N     | %        | 0.1  | n/t    | 1.3    | n/t    | n/t    | 0.3    |
| Elemental Sulphur                                   | M     | mg/kg    | 20   | < 20   | n/t    | < 20   | < 20   | n/t    |
| Hexavalent Chromium                                 | N     | mg/kg    | 0.8  | < 0.8  | n/t    | < 0.8  | < 0.8  | n/t    |
| Total Sulphide                                      | N     | mg/kg    | 2    | < 2    | n/t    | < 2    | < 2    | n/t    |
| Total Cyanide                                       | M     | mg/kg    | 1    | < 1.0  | n/t    | < 1.0  | < 1.0  | n/t    |
| Acid Soluble Sulphate (SO <sub>4</sub> )            | U     | %        | 0.02 | 0.07   | n/t    | 0.04   | 0.07   | n/t    |
| Water Soluble Boron                                 | N     | mg/kg    | 0.5  | 1.0    | n/t    | 0.6    | 1.1    | n/t    |
| <b>Miscellaneous</b>                                |       |          |      |        |        |        |        |        |
| Electrical Conductivity (CaSO <sub>4</sub> extract) | N     | uS/cm    | 50   | n/t    | 2660   | n/t    | n/t    | 2470   |
| Carbon Nitrogen Ratio                               | N     | ratio    | 0.1  | n/t    | 16.6   | n/t    | n/t    | 16.2   |
| Loss On Ignition (450°C)                            | M     | %        | 0.01 | n/t    | 4.42   | n/t    | n/t    | 3.13   |
| pH                                                  | M     | pH units | 0.1  | 8.0    | 8.1    | 7.7    | 7.9    | 7.4    |
| Density                                             | N     | g/ml     | 0    | n/t    | 1.12   | n/t    | n/t    | 1.15   |
| Total Carbon                                        | N     | %        | 0.01 | n/t    | 2.6    | n/t    | n/t    | 1.8    |
| Total Organic Carbon                                | N     | %        | 0.01 | 1.7    | n/t    | 0.93   | 1.4    | n/t    |
| Total Nitrogen                                      | N     | %        | 0.01 | n/t    | 0.15   | n/t    | n/t    | 0.11   |
| Extractable Potassium                               | N     | mg/l     | 20   | n/t    | 185    | n/t    | n/t    | 105    |
| Extractable Magnesium                               | N     | mg/l     | 20   | n/t    | 93     | n/t    | n/t    | 55     |
| Extractable Phosphate                               | N     | mg/l     | 1    | n/t    | 91     | n/t    | n/t    | 65     |
| Sand content                                        | NS    | %        | 1    | n/t    | 78     | n/t    | n/t    | 71     |
| Silt content                                        | NS    | %        | 1    | n/t    | 18     | n/t    | n/t    | 26     |
| Clay content                                        | NS    | %        | 1    | n/t    | 4      | n/t    | n/t    | 3      |
| Stones > 2mm                                        | NS    | %        | 1    | n/t    | 21     | n/t    | n/t    | 10     |
| Stones > 20mm                                       | NS    | %        | 1    | n/t    | < 1    | n/t    | n/t    | 5      |
| Stones > 50mm                                       | NS    | %        | 1    | n/t    | < 1    | n/t    | n/t    | < 1    |
| Total Visible Contaminants                          | N     | %        | 0.01 | n/t    | < 0.01 | n/t    | n/t    | < 0.01 |
| Plastics                                            | N     | %        | 0.01 | n/t    | < 0.01 | n/t    | n/t    | < 0.01 |
| Sharps                                              | N     | n/kg     | 0    | n/t    | 0      | n/t    | n/t    | 0      |

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The Environmental Laboratory Ltd. Reg. No. 3882193



## Results Summary

2683

Report No.: 21-33449, issue number 1

|                    |            |            |            |            |            |
|--------------------|------------|------------|------------|------------|------------|
| ELAB Reference     | 235364     | 235365     | 235366     | 235367     | 235368     |
| Customer Reference |            |            |            |            |            |
| Sample ID          |            |            |            |            |            |
| Sample Type        | SOIL       | SOIL       | SOIL       | SOIL       | SOIL       |
| Sample Location    | Plot 24    | Plot 25    | Plot 25    | Plot 26    | Plot 26    |
| Sample Depth (m)   | 0.30       | 0.10       | 0.60       | 0.10       | 0.30       |
| Sampling Date      | 28/04/2021 | 28/04/2021 | 28/04/2021 | 28/04/2021 | 28/04/2021 |

| Determinand                              | Codes | Units | LOD  |        |     |        |        |     |
|------------------------------------------|-------|-------|------|--------|-----|--------|--------|-----|
| <b>Phenols</b>                           |       |       |      |        |     |        |        |     |
| Total Phenols                            | N     | mg/kg | 6    | < 6    | n/t | < 6    | < 6    | n/t |
| <b>Polyaromatic hydrocarbons</b>         |       |       |      |        |     |        |        |     |
| Naphthalene                              | M     | mg/kg | 0.1  | < 0.1  | n/t | < 0.1  | < 0.1  | n/t |
| Acenaphthylene                           | M     | mg/kg | 0.1  | < 0.1  | n/t | < 0.1  | < 0.1  | n/t |
| Acenaphthene                             | M     | mg/kg | 0.1  | < 0.1  | n/t | < 0.1  | < 0.1  | n/t |
| Fluorene                                 | M     | mg/kg | 0.1  | < 0.1  | n/t | < 0.1  | < 0.1  | n/t |
| Phenanthrene                             | M     | mg/kg | 0.1  | 0.3    | n/t | < 0.1  | 0.4    | n/t |
| Anthracene                               | M     | mg/kg | 0.1  | 0.1    | n/t | < 0.1  | 0.1    | n/t |
| Fluoranthene                             | M     | mg/kg | 0.1  | 1.0    | n/t | 0.2    | 1.5    | n/t |
| Pyrene                                   | M     | mg/kg | 0.1  | 0.9    | n/t | 0.2    | 1.2    | n/t |
| Benzo(a)anthracene                       | M     | mg/kg | 0.1  | 0.6    | n/t | 0.1    | 1.0    | n/t |
| Chrysene                                 | M     | mg/kg | 0.1  | 0.6    | n/t | 0.1    | 1.0    | n/t |
| Benzo(b)fluoranthene                     | M     | mg/kg | 0.1  | 0.8    | n/t | 0.1    | 1.1    | n/t |
| Benzo(k)fluoranthene                     | M     | mg/kg | 0.1  | 1.0    | n/t | 0.1    | 1.5    | n/t |
| Benzo(a)pyrene                           | M     | mg/kg | 0.1  | 0.7    | n/t | 0.1    | 1.0    | n/t |
| Indeno(1,2,3-cd)pyrene                   | M     | mg/kg | 0.1  | 0.6    | n/t | 0.1    | 1.0    | n/t |
| Dibenzo(a,h)anthracene                   | M     | mg/kg | 0.1  | 0.2    | n/t | < 0.1  | 0.3    | n/t |
| Benzo[g,h,i]perylene                     | M     | mg/kg | 0.1  | 0.6    | n/t | < 0.1  | 1.0    | n/t |
| Total PAH(16)                            | M     | mg/kg | 0.4  | 7.4    | n/t | 1.3    | 11.2   | n/t |
| <b>BTEX</b>                              |       |       |      |        |     |        |        |     |
| Benzene                                  | M     | ug/kg | 10   | < 10.0 | n/t | < 10.0 | < 10.0 | n/t |
| Toluene                                  | M     | ug/kg | 10   | < 10.0 | n/t | < 10.0 | < 10.0 | n/t |
| Ethylbenzene                             | M     | ug/kg | 10   | < 10.0 | n/t | < 10.0 | < 10.0 | n/t |
| Xylenes                                  | M     | ug/kg | 10   | < 10.0 | n/t | < 10.0 | < 10.0 | n/t |
| MTBE                                     | N     | ug/kg | 10   | < 10.0 | n/t | < 10.0 | < 10.0 | n/t |
| <b>TPH CWG</b>                           |       |       |      |        |     |        |        |     |
| >C5-C6 Aliphatic                         | N     | mg/kg | 0.01 | < 0.01 | n/t | < 0.01 | < 0.01 | n/t |
| >C6-C8 Aliphatic                         | N     | mg/kg | 0.01 | < 0.01 | n/t | < 0.01 | < 0.01 | n/t |
| >C8-C10 Aliphatic                        | N     | mg/kg | 1    | < 1.0  | n/t | < 1.0  | < 1.0  | n/t |
| >C10-C12 Aliphatic                       | M     | mg/kg | 1    | < 1.0  | n/t | < 1.0  | < 1.0  | n/t |
| >C12-C16 Aliphatic                       | M     | mg/kg | 1    | < 1.0  | n/t | < 1.0  | < 1.0  | n/t |
| >C16-C21 Aliphatic                       | M     | mg/kg | 1    | < 1.0  | n/t | < 1.0  | 1.5    | n/t |
| >C21-C35 Aliphatic                       | M     | mg/kg | 1    | 3.5    | n/t | < 1.0  | 10.7   | n/t |
| >C35-C40 Aliphatic                       | M     | mg/kg | 1    | < 1.0  | n/t | < 1.0  | 3.6    | n/t |
| Total aliphatic hydrocarbons (>C5 - C40) | N     | mg/kg | 1    | 4.6    | n/t | < 1.0  | 16.2   | n/t |
| >C5-C7 Aromatic                          | N     | mg/kg | 0.01 | < 0.01 | n/t | < 0.01 | < 0.01 | n/t |
| >C7-C8 Aromatic                          | N     | mg/kg | 0.01 | < 0.01 | n/t | < 0.01 | < 0.01 | n/t |
| >C8-C10 Aromatic                         | N     | mg/kg | 1    | < 1.0  | n/t | < 1.0  | < 1.0  | n/t |
| >C10-C12 Aromatic                        | M     | mg/kg | 1    | < 1.0  | n/t | < 1.0  | < 1.0  | n/t |
| >C12-C16 Aromatic                        | M     | mg/kg | 1    | < 1.0  | n/t | < 1.0  | < 1.0  | n/t |
| >C16-C21 Aromatic                        | M     | mg/kg | 1    | 2.3    | n/t | < 1.0  | 5.3    | n/t |
| >C21-C35 Aromatic                        | M     | mg/kg | 1    | 12.5   | n/t | 1.6    | 33.7   | n/t |
| >C35-C40 Aromatic                        | M     | mg/kg | 1    | 1.4    | n/t | < 1.0  | 14.2   | n/t |
| Total aromatic hydrocarbons (>C5 - C40)  | N     | mg/kg | 1    | 17.2   | n/t | 2.4    | 54.3   | n/t |
| Total petroleum hydrocarbons (>C5 - C40) | N     | mg/kg | 1    | 21.8   | n/t | 2.8    | 70.5   | n/t |

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The Environmental Laboratory Ltd. Reg. No. 3882193



## Results Summary

2683

Report No.: 21-33449, issue number 1

|                    |            |            |            |            |
|--------------------|------------|------------|------------|------------|
| ELAB Reference     | 235370     | 235371     | 235372     | 235373     |
| Customer Reference |            |            |            |            |
| Sample ID          |            |            |            |            |
| Sample Type        | SOIL       | SOIL       | SOIL       | SOIL       |
| Sample Location    | Plot 27    | Plot 28    | Plot 29    | Plot 29    |
| Sample Depth (m)   | 0.40       | 0.50       | 0.10       | 0.60       |
| Sampling Date      | 28/04/2021 | 28/04/2021 | 28/04/2021 | 28/04/2021 |

| Determinand                                         | Codes | Units    | LOD  |       |        |        |        |
|-----------------------------------------------------|-------|----------|------|-------|--------|--------|--------|
| <b>Soil sample preparation parameters</b>           |       |          |      |       |        |        |        |
| Material removed                                    | N     | %        | 0.1  | < 0.1 | 14.0   | 21.9   | 15.9   |
| Description of Inert material removed               | N     |          | 0    | None  | Stones | Stones | Stones |
| <b>Metals</b>                                       |       |          |      |       |        |        |        |
| Arsenic                                             | M     | mg/kg    | 1    | 17.1  | 12.4   | 14.2   | n/t    |
| Beryllium                                           | U     | mg/kg    | 1    | < 1.0 | < 1.0  | < 1.0  | n/t    |
| Cadmium                                             | M     | mg/kg    | 0.5  | < 0.5 | < 0.5  | < 0.5  | n/t    |
| Chromium                                            | M     | mg/kg    | 5    | 27.1  | 26.6   | 30.1   | n/t    |
| Copper                                              | M     | mg/kg    | 5    | 22.9  | 39.6   | 37.1   | 41.0   |
| Lead                                                | M     | mg/kg    | 5    | 38.6  | 142    | 136    | n/t    |
| Mercury                                             | M     | mg/kg    | 0.5  | < 0.5 | < 0.5  | < 0.5  | n/t    |
| Nickel                                              | M     | mg/kg    | 5    | 15.4  | 15.0   | 18.6   | 16.7   |
| Selenium                                            | M     | mg/kg    | 1    | < 1.0 | < 1.0  | < 1.0  | n/t    |
| Vanadium                                            | M     | mg/kg    | 5    | 44.1  | 40.8   | 44.4   | n/t    |
| Zinc                                                | M     | mg/kg    | 5    | 78.9  | 139    | 144    | 152    |
| <b>Anions</b>                                       |       |          |      |       |        |        |        |
| Water Soluble Chloride                              | M     | mg/kg    | 40   | 55    | < 40   | 63     | n/t    |
| Water Soluble Sulphate                              | M     | g/l      | 0.02 | 0.05  | 0.27   | 0.20   | n/t    |
| <b>Inorganics</b>                                   |       |          |      |       |        |        |        |
| Carbonate                                           | N     | %        | 0.1  | n/t   | n/t    | n/t    | 0.5    |
| Elemental Sulphur                                   | M     | mg/kg    | 20   | < 20  | < 20   | < 20   | n/t    |
| Hexavalent Chromium                                 | N     | mg/kg    | 0.8  | < 0.8 | < 0.8  | < 0.8  | n/t    |
| Total Sulphide                                      | N     | mg/kg    | 2    | < 2   | < 2    | < 2    | n/t    |
| Total Cyanide                                       | M     | mg/kg    | 1    | < 1.0 | < 1.0  | < 1.0  | n/t    |
| Acid Soluble Sulphate (SO <sub>4</sub> )            | U     | %        | 0.02 | 0.03  | 0.07   | 0.06   | n/t    |
| Water Soluble Boron                                 | N     | mg/kg    | 0.5  | 0.6   | 0.8    | 1.0    | n/t    |
| <b>Miscellaneous</b>                                |       |          |      |       |        |        |        |
| Electrical Conductivity (CaSO <sub>4</sub> extract) | N     | uS/cm    | 50   | n/t   | n/t    | n/t    | 2600   |
| Carbon Nitrogen Ratio                               | N     | ratio    | 0.1  | n/t   | n/t    | n/t    | 17.7   |
| Loss On Ignition (450°C)                            | M     | %        | 0.01 | n/t   | n/t    | n/t    | 4.07   |
| pH                                                  | M     | pH units | 0.1  | 7.5   | 7.7    | 8.0    | 7.7    |
| Density                                             | N     | g/ml     | 0    | n/t   | n/t    | n/t    | 1.15   |
| Total Carbon                                        | N     | %        | 0.01 | n/t   | n/t    | n/t    | 2.4    |
| Total Organic Carbon                                | N     | %        | 0.01 | 0.96  | 1.5    | 1.4    | n/t    |
| Total Nitrogen                                      | N     | %        | 0.01 | n/t   | n/t    | n/t    | 0.13   |
| Extractable Potassium                               | N     | mg/l     | 20   | n/t   | n/t    | n/t    | 154    |
| Extractable Magnesium                               | N     | mg/l     | 20   | n/t   | n/t    | n/t    | 95     |
| Extractable Phosphate                               | N     | mg/l     | 1    | n/t   | n/t    | n/t    | 82     |
| Sand content                                        | NS    | %        | 1    | n/t   | n/t    | n/t    | 82     |
| Silt content                                        | NS    | %        | 1    | n/t   | n/t    | n/t    | 13     |
| Clay content                                        | NS    | %        | 1    | n/t   | n/t    | n/t    | 5      |
| Stones > 2mm                                        | NS    | %        | 1    | n/t   | n/t    | n/t    | 16     |
| Stones > 20mm                                       | NS    | %        | 1    | n/t   | n/t    | n/t    | < 1    |
| Stones > 50mm                                       | NS    | %        | 1    | n/t   | n/t    | n/t    | < 1    |
| Total Visible Contaminants                          | N     | %        | 0.01 | n/t   | n/t    | n/t    | < 0.01 |
| Plastics                                            | N     | %        | 0.01 | n/t   | n/t    | n/t    | < 0.01 |
| Sharps                                              | N     | n/kg     | 0    | n/t   | n/t    | n/t    | 0      |

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The Environmental Laboratory Ltd. Reg. No. 3882193



## Results Summary

2683

Report No.: 21-33449, issue number 1

|                    |            |            |            |            |
|--------------------|------------|------------|------------|------------|
| ELAB Reference     | 235370     | 235371     | 235372     | 235373     |
| Customer Reference |            |            |            |            |
| Sample ID          |            |            |            |            |
| Sample Type        | SOIL       | SOIL       | SOIL       | SOIL       |
| Sample Location    | Plot 27    | Plot 28    | Plot 29    | Plot 29    |
| Sample Depth (m)   | 0.40       | 0.50       | 0.10       | 0.60       |
| Sampling Date      | 28/04/2021 | 28/04/2021 | 28/04/2021 | 28/04/2021 |

| Determinand                              | Codes | Units | LOD  |        |        |        |     |
|------------------------------------------|-------|-------|------|--------|--------|--------|-----|
| <b>Phenols</b>                           |       |       |      |        |        |        |     |
| Total Phenols                            | N     | mg/kg | 6    | < 6    | < 6    | < 6    | n/t |
| <b>Polyaromatic hydrocarbons</b>         |       |       |      |        |        |        |     |
| Naphthalene                              | M     | mg/kg | 0.1  | < 0.1  | < 0.1  | < 0.1  | n/t |
| Acenaphthylene                           | M     | mg/kg | 0.1  | < 0.1  | 0.1    | < 0.1  | n/t |
| Acenaphthene                             | M     | mg/kg | 0.1  | < 0.1  | < 0.1  | < 0.1  | n/t |
| Fluorene                                 | M     | mg/kg | 0.1  | < 0.1  | < 0.1  | < 0.1  | n/t |
| Phenanthrene                             | M     | mg/kg | 0.1  | < 0.1  | 0.6    | 0.5    | n/t |
| Anthracene                               | M     | mg/kg | 0.1  | < 0.1  | 0.2    | 0.1    | n/t |
| Fluoranthene                             | M     | mg/kg | 0.1  | < 0.1  | 1.9    | 1.7    | n/t |
| Pyrene                                   | M     | mg/kg | 0.1  | < 0.1  | 1.7    | 1.5    | n/t |
| Benzo(a)anthracene                       | M     | mg/kg | 0.1  | < 0.1  | 1.1    | 1.1    | n/t |
| Chrysene                                 | M     | mg/kg | 0.1  | < 0.1  | 1.2    | 1.3    | n/t |
| Benzo(b)fluoranthene                     | M     | mg/kg | 0.1  | < 0.1  | 1.1    | 1.3    | n/t |
| Benzo(k)fluoranthene                     | M     | mg/kg | 0.1  | < 0.1  | 1.7    | 2.1    | n/t |
| Benzo(a)pyrene                           | M     | mg/kg | 0.1  | < 0.1  | 1.3    | 1.4    | n/t |
| Indeno(1,2,3-cd)pyrene                   | M     | mg/kg | 0.1  | < 0.1  | 1.1    | 1.4    | n/t |
| Dibenzo(a,h)anthracene                   | M     | mg/kg | 0.1  | < 0.1  | 0.3    | 0.4    | n/t |
| Benzo[g,h,i]perylene                     | M     | mg/kg | 0.1  | < 0.1  | 1.0    | 1.3    | n/t |
| Total PAH(16)                            | M     | mg/kg | 0.4  | < 0.4  | 13.2   | 14.3   | n/t |
| <b>BTEX</b>                              |       |       |      |        |        |        |     |
| Benzene                                  | M     | ug/kg | 10   | < 10.0 | < 10.0 | < 10.0 | n/t |
| Toluene                                  | M     | ug/kg | 10   | < 10.0 | < 10.0 | < 10.0 | n/t |
| Ethylbenzene                             | M     | ug/kg | 10   | < 10.0 | < 10.0 | < 10.0 | n/t |
| Xylenes                                  | M     | ug/kg | 10   | < 10.0 | < 10.0 | < 10.0 | n/t |
| MTBE                                     | N     | ug/kg | 10   | < 10.0 | < 10.0 | < 10.0 | n/t |
| <b>TPH CWG</b>                           |       |       |      |        |        |        |     |
| >C5-C6 Aliphatic                         | N     | mg/kg | 0.01 | < 0.01 | < 0.01 | < 0.01 | n/t |
| >C6-C8 Aliphatic                         | N     | mg/kg | 0.01 | < 0.01 | < 0.01 | < 0.01 | n/t |
| >C8-C10 Aliphatic                        | N     | mg/kg | 1    | < 1.0  | < 1.0  | < 1.0  | n/t |
| >C10-C12 Aliphatic                       | M     | mg/kg | 1    | < 1.0  | < 1.0  | < 1.0  | n/t |
| >C12-C16 Aliphatic                       | M     | mg/kg | 1    | < 1.0  | < 1.0  | < 1.0  | n/t |
| >C16-C21 Aliphatic                       | M     | mg/kg | 1    | < 1.0  | < 1.0  | 2.7    | n/t |
| >C21-C35 Aliphatic                       | M     | mg/kg | 1    | < 1.0  | 2.3    | 18.8   | n/t |
| >C35-C40 Aliphatic                       | M     | mg/kg | 1    | < 1.0  | < 1.0  | 2.7    | n/t |
| Total aliphatic hydrocarbons (>C5 - C40) | N     | mg/kg | 1    | < 1.0  | 3.2    | 24.7   | n/t |
| >C5-C7 Aromatic                          | N     | mg/kg | 0.01 | < 0.01 | < 0.01 | < 0.01 | n/t |
| >C7-C8 Aromatic                          | N     | mg/kg | 0.01 | < 0.01 | < 0.01 | < 0.01 | n/t |
| >C8-C10 Aromatic                         | N     | mg/kg | 1    | < 1.0  | < 1.0  | < 1.0  | n/t |
| >C10-C12 Aromatic                        | M     | mg/kg | 1    | < 1.0  | < 1.0  | < 1.0  | n/t |
| >C12-C16 Aromatic                        | M     | mg/kg | 1    | < 1.0  | < 1.0  | < 1.0  | n/t |
| >C16-C21 Aromatic                        | M     | mg/kg | 1    | < 1.0  | 2.6    | 8.9    | n/t |
| >C21-C35 Aromatic                        | M     | mg/kg | 1    | < 1.0  | 12.8   | 51.8   | n/t |
| >C35-C40 Aromatic                        | M     | mg/kg | 1    | < 1.0  | 2.3    | 7.4    | n/t |
| Total aromatic hydrocarbons (>C5 - C40)  | N     | mg/kg | 1    | < 1.0  | 18.5   | 69.5   | n/t |
| Total petroleum hydrocarbons (>C5 - C40) | N     | mg/kg | 1    | < 1.0  | 21.7   | 94.2   | n/t |

Tests marked N are not UKAS accredited.

The Environmental Laboratory Ltd. Reg. No. 3882193



Unit A2, Windmill Road, Ponswood Industrial Estate, St Leonards on Sea, East Sussex, TN38 9BY  
Tel: +44 (0)1424 718618, Email: info@elab-uk.co.uk, Web: www.elab-uk.co.uk

Results Summary

Report No.: 21-33449, issue number 1

Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #)  
in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

| Elab No | Depth (m) | Clients Reference | Description of Sample Matrix #                                  | Asbestos             | Gravimetric Analysis Total | Gravimetric Analysis by ACM Type | Free Fibre Analysis | Total Asbestos |
|---------|-----------|-------------------|-----------------------------------------------------------------|----------------------|----------------------------|----------------------------------|---------------------|----------------|
| 235364  | 0.30      | Plot 24           | Brown sandy soil, stones, concrete, brick, clinker, organics    | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 235366  | 0.60      | Plot 25           | Brown sandy soil, stones, clinker                               | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 235367  | 0.10      | Plot 26           | Brown sandy soil, stones, concrete, brick, clinker, glass, wood | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 235370  | 0.40      | Plot 27           | Brown sandy soil, stones, concrete, clinker                     | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 235371  | 0.50      | Plot 28           | Brown sandy soil, stones, concrete, clinker, slate, wood        | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 235372  | 0.10      | Plot 29           | Brown sandy soil, stones, concrete, clinker, wood               | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |

## Method Summary

Report No.: 21-33449, issue number 1

| Parameter                             | Codes | Analysis Undertaken On | Date Tested | Method Number | Technique          |
|---------------------------------------|-------|------------------------|-------------|---------------|--------------------|
| <b>Soil</b>                           |       |                        |             |               |                    |
| Acid neutralisation capacity          | N     | Air dried sample       | 05/05/2021  |               |                    |
| Extractable cations - BS3882          | N     | Air dried sample       | 05/05/2021  |               | ICPMS              |
| Visible Contaminants                  | N     |                        | 04/05/2021  |               |                    |
| Sulphide                              | N     | As submitted sample    | 05/05/2021  | 109           | Colorimetry        |
| Hexavalent chromium                   | N     | As submitted sample    | 04/05/2021  | 110           | Colorimetry        |
| pH                                    | M     | Air dried sample       | 07/05/2021  | 113           | Electromeric       |
| Electrical conductivity of soil       | N     | Air dried sample       | 06/05/2021  | 114           | Electromeric       |
| Acid Soluble Sulphate                 | U     | Air dried sample       | 06/05/2021  | 115           | Ion Chromatography |
| Phenols in solids                     | N     | As submitted sample    | 30/04/2021  | 121           | HPLC               |
| Elemental Sulphur                     | M     | Air dried sample       | 05/05/2021  | 122           | HPLC               |
| Loss on ignition at 450 deg C         | M     | Air dried sample       | 05/05/2021  | 129           | Gravimetry         |
| PAH (GC-FID)                          | M     | As submitted sample    | 04/05/2021  | 133           | GC-FID             |
| Extr. Phos                            | N     | Air dried sample       | 05/05/2021  | 140           | ICPMS              |
| Water soluble anions                  | M     | Air dried sample       | 05/05/2021  | 172           | Ion Chromatography |
| Low range Aliphatic hydrocarbons soil | N     | As submitted sample    | 04/05/2021  | 181           | GC-MS              |
| Low range Aromatic hydrocarbons soil  | N     | As submitted sample    | 04/05/2021  | 181           | GC-MS              |
| BTEX in solids                        | M     | As submitted sample    | 04/05/2021  | 181A          | GC-MS              |
| Water soluble boron                   | N     | Air dried sample       | 05/05/2021  | 202           | Colorimetry        |
| Total cyanide                         | M     | As submitted sample    | 05/05/2021  | 204           | Colorimetry        |
| Total organic carbon/Total sulphur    | N     | Air dried sample       | 05/05/2021  | 210           | IR                 |
| TPH CWG soil by gc-gc                 | M     | As submitted sample    | 04/05/2021  | 271           |                    |
| Asbestos identification               | U     | Air dried sample       | 05/05/2021  | 280           | Microscopy         |
| Aqua regia extractable metals         | M     | Air dried sample       | 04/05/2021  | 300           | ICPMS              |

Tests marked N are not UKAS accredited



## Report Information

Report No.: 21-33449, issue number 1

### Key

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|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| U   | hold UKAS accreditation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| M   | hold MCERTS and UKAS accreditation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| N   | do not currently hold UKAS accreditation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ^   | MCERTS accreditation not applicable for sample matrix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| *   | UKAS accreditation not applicable for sample matrix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| S   | Subcontracted to approved laboratory UKAS Accredited for the test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SM  | Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NS  | Subcontracted to approved laboratory. UKAS accreditation is not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| I/S | Insufficient Sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| U/S | Unsuitable sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| n/t | Not tested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <   | means "less than"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| >   | means "greater than"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LOD | <p>LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.</p> <p>Soil sample results are expressed on an air dried basis (dried at &lt; 30°C), and are uncorrected for inert material removed.</p> <p>ELAB are unable to provide an interpretation or opinion on the content of this report.</p> <p>The results relate only to the sample received.</p> <p>PCB congener results may include any coeluting PCBs</p> <p>Uncertainty of measurement for the determinands tested are available upon request</p> <p>Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.</p> |

### Deviation Codes

- 
- |   |                                                          |
|---|----------------------------------------------------------|
| a | No date of sampling supplied                             |
| b | No time of sampling supplied (Waters Only)               |
| c | Sample not received in appropriate containers            |
| d | Sample not received in cooled condition                  |
| e | The container has been incorrectly filled                |
| f | Sample age exceeds stability time (sampling to receipt)  |
| g | Sample age exceeds stability time (sampling to analysis) |

Where a sample has a deviation code, the applicable test result may be invalid.

### Sample Retention and Disposal

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All soil samples will be retained for a period of one month

All water samples will be retained for 7 days following the date of the test report

Charges may apply to extended sample storage



Unit A2  
Windmill Road  
Ponswood Industrial Estate  
St Leonards on Sea  
East Sussex  
TN38 9BY

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**THE ENVIRONMENTAL LABORATORY LTD**

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**Analytical Report Number:** 21-33865

**Issue:** Preliminary Report

**Date of Issue:** 28/05/2021

**Contact:** Fiona Goode

**Customer Details:** GESL  
Unit 7  
Danworth Farm  
Hurstpierpoint  
West Sussex BN6 9GL

**Quotation No:** Q19-01488

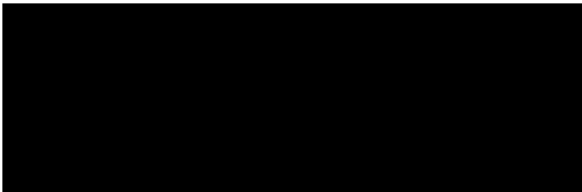
**Order No:** PO-4045

**Customer Reference:** GE18103

**Date Received:** 21/05/2021

**Date Approved:** 28/05/2021

**Details:** Cornfield Close

**Approved by:** 

Mike Varley, Technical Manager

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Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

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## Sample Summary

Report No.: 21-33865, issue number 0

| Elab No. | Client's Ref.      | Date Sampled | Date Scheduled | Description | Deviations |
|----------|--------------------|--------------|----------------|-------------|------------|
| 238139   | Plot 16 0.15       | 19/05/2021   | 21/05/2021     | Silty loam  |            |
| 238140   | Plot 16 0.45       | 19/05/2021   | 21/05/2021     | Silty loam  |            |
| 238141   | Plot 17 0.10       | 19/05/2021   | 21/05/2021     | Silty loam  |            |
| 238142   | Plot 24 2 0.25     | 19/05/2021   | 21/05/2021     | Silty loam  |            |
| 238143   | Plot 24 2 0.55     | 19/05/2021   | 21/05/2021     | Silty loam  |            |
| 238144   | S/S Stockpile 0.55 | 19/05/2021   | 21/05/2021     | Silty loam  |            |



## Results Summary

Report No.: 21-33865, issue number 0

| ELAB Reference                            |       |          |      | 238139     | 238140     | 238141     | 238142     | 238143     |
|-------------------------------------------|-------|----------|------|------------|------------|------------|------------|------------|
| Customer Reference                        |       |          |      |            |            |            |            |            |
| Sample ID                                 |       |          |      |            |            |            |            |            |
| Sample Type                               |       |          |      | SOIL       | SOIL       | SOIL       | SOIL       | SOIL       |
| Sample Location                           |       |          |      | Plot 16    | Plot 16    | Plot 17    | Plot 24 2  | Plot 24 2  |
| Sample Depth (m)                          |       |          |      | 0.15       | 0.45       | 0.10       | 0.25       | 0.55       |
| Sampling Date                             |       |          |      | 19/05/2021 | 19/05/2021 | 19/05/2021 | 19/05/2021 | 19/05/2021 |
| Determinand                               | Codes | Units    | LOD  |            |            |            |            |            |
| <b>Soil sample preparation parameters</b> |       |          |      |            |            |            |            |            |
| Material removed                          | N     | %        | 0.1  | < 0.1      | 24.4       | 16.6       | 15.1       | 23.4       |
| Description of Inert material removed     | N     |          | 0    | None       | Stones     | Stones     | Stones     | Stones     |
| <b>Metals</b>                             |       |          |      |            |            |            |            |            |
| Arsenic                                   | M     | mg/kg    | 1    | ^ 10.5     | n/t        | ^ 13.1     | ^ 25.5     | n/t        |
| Beryllium                                 | U     | mg/kg    | 1    | < 1.0      | n/t        | < 1.0      | < 1.0      | n/t        |
| Cadmium                                   | M     | mg/kg    | 0.5  | ^ < 0.5    | n/t        | ^ < 0.5    | ^ < 0.5    | n/t        |
| Chromium                                  | M     | mg/kg    | 5    | ^ 25.6     | n/t        | ^ 27.4     | ^ 28.5     | n/t        |
| Copper                                    | M     | mg/kg    | 5    | ^ 31.2     | ^ 39.3     | ^ 32.7     | ^ 34.9     | ^ 35.9     |
| Lead                                      | M     | mg/kg    | 5    | ^ 79.8     | n/t        | ^ 92.6     | ^ 122      | n/t        |
| Mercury                                   | M     | mg/kg    | 0.5  | ^ < 0.5    | n/t        | ^ < 0.5    | ^ < 0.5    | n/t        |
| Nickel                                    | M     | mg/kg    | 5    | ^ 15.1     | ^ 17.5     | ^ 14.9     | ^ 15.4     | ^ 14.9     |
| Selenium                                  | M     | mg/kg    | 1    | ^ < 1.0    | n/t        | ^ < 1.0    | ^ < 1.0    | n/t        |
| Vanadium                                  | M     | mg/kg    | 5    | ^ 32.7     | n/t        | ^ 38.3     | ^ 41.3     | n/t        |
| Zinc                                      | M     | mg/kg    | 5    | ^ 84.8     | ^ 132      | ^ 117      | ^ 124      | ^ 128      |
| <b>Anions</b>                             |       |          |      |            |            |            |            |            |
| Water Soluble Chloride                    | M     | mg/kg    | 40   | ^ 56       | n/t        | ^ 69       | ^ 58       | n/t        |
| Water Soluble Sulphate                    | M     | g/l      | 0.02 | ^ 0.12     | n/t        | ^ 0.26     | ^ 0.23     | n/t        |
| <b>Inorganics</b>                         |       |          |      |            |            |            |            |            |
| Carbonate                                 | N     | %        | 0.1  | n/t        | 0.5        | 0.8        | n/t        | 0.5        |
| Elemental Sulphur                         | M     | mg/kg    | 20   | ^ < 20     | n/t        | ^ < 20     | ^ < 20     | n/t        |
| Hexavalent Chromium                       | N     | mg/kg    | 0.8  | < 0.8      | n/t        | < 0.8      | < 0.8      | n/t        |
| Total Sulphide                            | N     | mg/kg    | 2    | < 2        | n/t        | < 2        | < 2        | n/t        |
| Total Cyanide                             | M     | mg/kg    | 1    | ^ < 1.0    | n/t        | ^ < 1.0    | ^ < 1.0    | n/t        |
| Acid Soluble Sulphate (SO4)               | U     | %        | 0.02 | 0.04       | n/t        | 0.07       | 0.07       | n/t        |
| Water Soluble Boron                       | N     | mg/kg    | 0.5  | 0.6        | n/t        | 1.1        | 1.1        | n/t        |
| <b>Miscellaneous</b>                      |       |          |      |            |            |            |            |            |
| Electrical Conductivity (CaSO4 extract)   | N     | uS/cm    | 50   | n/t        | 2510       | 2520       | n/t        | 2480       |
| Carbon Nitrogen Ratio                     | N     | ratio    | 0.1  | n/t        | 17.0950    | 16.3771    | n/t        | 17.3323    |
| Loss On Ignition (450°C)                  | M     | %        | 0.01 | n/t        | ^ 4.75     | ^ 5.93     | n/t        | ^ 4.72     |
| pH                                        | M     | pH units | 0.1  | ^ 8.1      | ^ 9.5      | ^ 7.5      | ^ 7.9      | ^ 7.8      |
| Density                                   | N     | g/ml     | 0    | n/t        | 1.12       | 1.13       | n/t        | 1.13       |
| Soil Organic Matter                       | U     | %        | 0.1  | n/t        | n/t        | n/t        | n/t        | n/t        |
| Total Carbon                              | N     | %        | 0.01 | n/t        | 2.8        | 3.4        | n/t        | 2.7        |
| Total Organic Carbon                      | N     | %        | 0.01 | 1.1        | n/t        | 2.3        | 2.0        | n/t        |
| Total Nitrogen                            | N     | %        | 0.01 | n/t        | 0.16       | 0.21       | n/t        | 0.16       |
| Extractable Potassium                     | N     | mg/l     | 20   | n/t        | 209        | 214        | n/t        | 209        |
| Extractable Magnesium                     | N     | mg/l     | 20   | n/t        | 112        | 116        | n/t        | 89         |
| Extractable Phosphate                     | N     | mg/l     | 1    | n/t        | 104        | 124        | n/t        | 115        |
| Extractable Calcium                       | N     | mg/l     | 20   | n/t        | n/t        | n/t        | n/t        | n/t        |
| Extractable Sodium                        | N     | mg/l     | 20   | n/t        | n/t        | n/t        | n/t        | n/t        |
| Sand content                              | NS    | %        | 1    | n/t        | to follow  | to follow  | n/t        | to follow  |
| Silt content                              | NS    | %        | 1    | n/t        | to follow  | to follow  | n/t        | to follow  |
| Clay content                              | NS    | %        | 1    | n/t        | to follow  | to follow  | n/t        | to follow  |
| Stones > 2mm                              | NS    | %        | 1    | n/t        | to follow  | to follow  | n/t        | to follow  |
| Stones > 20mm                             | NS    | %        | 1    | n/t        | to follow  | to follow  | n/t        | to follow  |
| Stones > 50mm                             | NS    | %        | 1    | n/t        | to follow  | to follow  | n/t        | to follow  |
| Stones > 75mm                             | NS    | %        | 1    | n/t        | n/t        | n/t        | n/t        | n/t        |
| Total Visible Contaminants                | N     | %        | 0.01 | n/t        | < 0.01     | < 0.01     | n/t        | < 0.01     |
| Plastics                                  | N     | %        | 0.01 | n/t        | < 0.01     | < 0.01     | n/t        | < 0.01     |
| Sharps                                    | N     | n/kg     | 0    | n/t        | 0          | 0          | n/t        | 0          |

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## Results Summary

Report No.: 21-33865, issue number 0

| ELAB Reference                           |       |       |      | 238139     | 238140     | 238141     | 238142     | 238143     |
|------------------------------------------|-------|-------|------|------------|------------|------------|------------|------------|
| Customer Reference                       |       |       |      |            |            |            |            |            |
| Sample ID                                |       |       |      |            |            |            |            |            |
| Sample Type                              |       |       |      | SOIL       | SOIL       | SOIL       | SOIL       | SOIL       |
| Sample Location                          |       |       |      | Plot 16    | Plot 16    | Plot 17    | Plot 24 2  | Plot 24 2  |
| Sample Depth (m)                         |       |       |      | 0.15       | 0.45       | 0.10       | 0.25       | 0.55       |
| Sampling Date                            |       |       |      | 19/05/2021 | 19/05/2021 | 19/05/2021 | 19/05/2021 | 19/05/2021 |
| Determinand                              | Codes | Units | LOD  |            |            |            |            |            |
| <b>Phenols</b>                           |       |       |      |            |            |            |            |            |
| Total Phenols                            | N     | mg/kg | 6    | < 6        | n/t        | < 6        | < 6        | n/t        |
| <b>Polyaromatic hydrocarbons</b>         |       |       |      |            |            |            |            |            |
| Naphthalene                              | M     | mg/kg | 0.1  | ^ < 0.1    | n/t        | ^ < 0.1    | ^ < 0.1    | n/t        |
| Acenaphthylene                           | M     | mg/kg | 0.1  | ^ < 0.1    | n/t        | ^ < 0.1    | ^ < 0.1    | n/t        |
| Acenaphthene                             | M     | mg/kg | 0.1  | ^ < 0.1    | n/t        | ^ < 0.1    | ^ < 0.1    | n/t        |
| Fluorene                                 | M     | mg/kg | 0.1  | ^ < 0.1    | n/t        | ^ < 0.1    | ^ < 0.1    | n/t        |
| Phenanthrene                             | M     | mg/kg | 0.1  | ^ 0.1      | n/t        | ^ 0.3      | ^ 0.2      | n/t        |
| Anthracene                               | M     | mg/kg | 0.1  | ^ < 0.1    | n/t        | ^ < 0.1    | ^ < 0.1    | n/t        |
| Fluoranthene                             | M     | mg/kg | 0.1  | ^ 0.5      | n/t        | ^ 1.0      | ^ 0.7      | n/t        |
| Pyrene                                   | M     | mg/kg | 0.1  | ^ 0.4      | n/t        | ^ 0.8      | ^ 0.6      | n/t        |
| Benzo(a)anthracene                       | M     | mg/kg | 0.1  | ^ 0.4      | n/t        | ^ 0.6      | ^ 0.4      | n/t        |
| Chrysene                                 | M     | mg/kg | 0.1  | ^ 0.4      | n/t        | ^ 0.6      | ^ 0.5      | n/t        |
| Benzo(b)fluoranthene                     | M     | mg/kg | 0.1  | ^ 0.4      | n/t        | ^ 0.6      | ^ 0.5      | n/t        |
| Benzo(k)fluoranthene                     | M     | mg/kg | 0.1  | ^ 0.5      | n/t        | ^ 0.6      | ^ 0.6      | n/t        |
| Benzo(a)pyrene                           | M     | mg/kg | 0.1  | ^ 0.4      | n/t        | ^ 0.6      | ^ 0.5      | n/t        |
| Indeno(1,2,3-cd)pyrene                   | M     | mg/kg | 0.1  | ^ 0.3      | n/t        | ^ 0.4      | ^ 0.5      | n/t        |
| Dibenzo(a,h)anthracene                   | M     | mg/kg | 0.1  | ^ < 0.1    | n/t        | ^ 0.1      | ^ 0.1      | n/t        |
| Benzo[g,h,i]perylene                     | M     | mg/kg | 0.1  | ^ 0.4      | n/t        | ^ 0.6      | ^ 0.5      | n/t        |
| Total PAH(16)                            | M     | mg/kg | 0.4  | ^ 3.9      | n/t        | ^ 6.4      | ^ 5.2      | n/t        |
| <b>BTEX</b>                              |       |       |      |            |            |            |            |            |
| Benzene                                  | M     | ug/kg | 10   | ^ < 10.0   | n/t        | ^ < 10.0   | ^ < 10.0   | n/t        |
| Toluene                                  | M     | ug/kg | 10   | ^ < 10.0   | n/t        | ^ < 10.0   | ^ < 10.0   | n/t        |
| Ethylbenzene                             | M     | ug/kg | 10   | ^ < 10.0   | n/t        | ^ < 10.0   | ^ < 10.0   | n/t        |
| Xylenes                                  | M     | ug/kg | 10   | ^ < 10.0   | n/t        | ^ < 10.0   | ^ < 10.0   | n/t        |
| MTBE                                     | N     | ug/kg | 10   | < 10.0     | n/t        | < 10.0     | < 10.0     | n/t        |
| <b>TPH CWG</b>                           |       |       |      |            |            |            |            |            |
| >C5-C6 Aliphatic                         | N     | mg/kg | 0.01 | < 0.01     | n/t        | < 0.01     | < 0.01     | n/t        |
| >C6-C8 Aliphatic                         | N     | mg/kg | 0.01 | < 0.01     | n/t        | < 0.01     | < 0.01     | n/t        |
| >C8-C10 Aliphatic                        | N     | mg/kg | 1    | < 1.0      | n/t        | < 1.0      | < 1.0      | n/t        |
| >C10-C12 Aliphatic                       | M     | mg/kg | 1    | ^ < 1.0    | n/t        | ^ < 1.0    | ^ < 1.0    | n/t        |
| >C12-C16 Aliphatic                       | M     | mg/kg | 1    | ^ < 1.0    | n/t        | ^ < 1.0    | ^ < 1.0    | n/t        |
| >C16-C21 Aliphatic                       | M     | mg/kg | 1    | ^ < 1.0    | n/t        | ^ < 1.0    | ^ < 1.0    | n/t        |
| >C21-C35 Aliphatic                       | M     | mg/kg | 1    | ^ < 1.0    | n/t        | ^ 1.0      | ^ < 1.0    | n/t        |
| >C35-C40 Aliphatic                       | M     | mg/kg | 1    | ^ < 1.0    | n/t        | ^ < 1.0    | ^ < 1.0    | n/t        |
| Total aliphatic hydrocarbons (>C5 - C40) | N     | mg/kg | 1    | < 1.0      | n/t        | 1.8        | < 1.0      | n/t        |
| >C5-C7 Aromatic                          | N     | mg/kg | 0.01 | < 0.01     | n/t        | < 0.01     | < 0.01     | n/t        |
| >C7-C8 Aromatic                          | N     | mg/kg | 0.01 | < 0.01     | n/t        | < 0.01     | < 0.01     | n/t        |
| >C8-C10 Aromatic                         | N     | mg/kg | 1    | < 1.0      | n/t        | < 1.0      | < 1.0      | n/t        |
| >C10-C12 Aromatic                        | M     | mg/kg | 1    | ^ < 1.0    | n/t        | ^ < 1.0    | ^ < 1.0    | n/t        |
| >C12-C16 Aromatic                        | M     | mg/kg | 1    | ^ < 1.0    | n/t        | ^ < 1.0    | ^ < 1.0    | n/t        |
| >C16-C21 Aromatic                        | M     | mg/kg | 1    | ^ < 1.0    | n/t        | ^ 1.4      | ^ < 1.0    | n/t        |
| >C21-C35 Aromatic                        | M     | mg/kg | 1    | ^ 1.7      | n/t        | ^ 9.7      | ^ 7.5      | n/t        |
| >C35-C40 Aromatic                        | M     | mg/kg | 1    | ^ < 1.0    | n/t        | ^ < 1.0    | ^ < 1.0    | n/t        |
| Total aromatic hydrocarbons (>C5 - C40)  | N     | mg/kg | 1    | 2.0        | n/t        | 11.7       | 8.6        | n/t        |
| Total petroleum hydrocarbons (>C5 - C40) | N     | mg/kg | 1    | 2.0        | n/t        | 13.5       | 8.9        | n/t        |

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## Results Summary

Report No.: 21-33865, issue number 0

|                    |               |
|--------------------|---------------|
| ELAB Reference     | 238144        |
| Customer Reference |               |
| Sample ID          |               |
| Sample Type        | SOIL          |
| Sample Location    | S/S Stockpile |
| Sample Depth (m)   | 0.55          |
| Sampling Date      | 19/05/2021    |

| Determinand                               | Codes | Units    | LOD  |           |
|-------------------------------------------|-------|----------|------|-----------|
| <b>Soil sample preparation parameters</b> |       |          |      |           |
| Material removed                          | N     | %        | 0.1  | 44.2      |
| Description of Inert material removed     | N     |          | 0    | Stones    |
| <b>Metals</b>                             |       |          |      |           |
| Arsenic                                   | M     | mg/kg    | 1    | ^ 11.3    |
| Beryllium                                 | U     | mg/kg    | 1    | 1.1       |
| Cadmium                                   | M     | mg/kg    | 0.5  | ^ 0.8     |
| Chromium                                  | M     | mg/kg    | 5    | ^ 32.8    |
| Copper                                    | M     | mg/kg    | 5    | ^ 21.8    |
| Lead                                      | M     | mg/kg    | 5    | ^ 31.1    |
| Mercury                                   | M     | mg/kg    | 0.5  | ^ < 0.5   |
| Nickel                                    | M     | mg/kg    | 5    | ^ 29.7    |
| Selenium                                  | M     | mg/kg    | 1    | ^ < 1.0   |
| Vanadium                                  | M     | mg/kg    | 5    | ^ 45.8    |
| Zinc                                      | M     | mg/kg    | 5    | ^ 74.3    |
| <b>Anions</b>                             |       |          |      |           |
| Water Soluble Chloride                    | M     | mg/kg    | 40   | ^ < 40    |
| Water Soluble Sulphate                    | M     | g/l      | 0.02 | ^ 0.02    |
| <b>Inorganics</b>                         |       |          |      |           |
| Carbonate                                 | N     | %        | 0.1  | 0.3       |
| Elemental Sulphur                         | M     | mg/kg    | 20   | ^ < 20    |
| Hexavalent Chromium                       | N     | mg/kg    | 0.8  | < 0.8     |
| Total Sulphide                            | N     | mg/kg    | 2    | < 2       |
| Total Cyanide                             | M     | mg/kg    | 1    | ^ < 1.0   |
| Acid Soluble Sulphate (SO4)               | U     | %        | 0.02 | 0.03      |
| Water Soluble Boron                       | N     | mg/kg    | 0.5  | < 0.5     |
| <b>Miscellaneous</b>                      |       |          |      |           |
| Electrical Conductivity (CaSO4 extract)   | N     | uS/cm    | 50   | 2200      |
| Carbon Nitrogen Ratio                     | N     | ratio    | 0.1  | n/t       |
| Loss On Ignition (450°C)                  | M     | %        | 0.01 | ^ 2.25    |
| pH                                        | M     | pH units | 0.1  | ^ 8.1     |
| Density                                   | N     | g/ml     | 0    | 1.13      |
| Soil Organic Matter                       | U     | %        | 0.1  | 0.9       |
| Total Carbon                              | N     | %        | 0.01 | n/t       |
| Total Organic Carbon                      | N     | %        | 0.01 | 0.39      |
| Total Nitrogen                            | N     | %        | 0.01 | n/t       |
| Extractable Potassium                     | N     | mg/l     | 20   | 171       |
| Extractable Magnesium                     | N     | mg/l     | 20   | 64        |
| Extractable Phosphate                     | N     | mg/l     | 1    | n/t       |
| Extractable Calcium                       | N     | mg/l     | 20   | 4800      |
| Extractable Sodium                        | N     | mg/l     | 20   | < 20      |
| Sand content                              | NS    | %        | 1    | to follow |
| Silt content                              | NS    | %        | 1    | to follow |
| Clay content                              | NS    | %        | 1    | to follow |
| Stones > 2mm                              | NS    | %        | 1    | to follow |
| Stones > 20mm                             | NS    | %        | 1    | to follow |
| Stones > 50mm                             | NS    | %        | 1    | n/t       |
| Stones > 75mm                             | NS    | %        | 1    | to follow |
| Total Visible Contaminants                | N     | %        | 0.01 | < 0.01    |
| Plastics                                  | N     | %        | 0.01 | < 0.01    |
| Sharps                                    | N     | n/kg     | 0    | 0         |



## Results Summary

Report No.: 21-33865, issue number 0

|                    |               |
|--------------------|---------------|
| ELAB Reference     | 238144        |
| Customer Reference |               |
| Sample ID          |               |
| Sample Type        | SOIL          |
| Sample Location    | S/S Stockpile |
| Sample Depth (m)   | 0.55          |
| Sampling Date      | 19/05/2021    |

| Determinand                              | Codes | Units | LOD  |          |
|------------------------------------------|-------|-------|------|----------|
| <b>Phenols</b>                           |       |       |      |          |
| Total Phenols                            | N     | mg/kg | 6    | < 6      |
| <b>Polyaromatic hydrocarbons</b>         |       |       |      |          |
| Naphthalene                              | M     | mg/kg | 0.1  | ^ < 0.1  |
| Acenaphthylene                           | M     | mg/kg | 0.1  | ^ < 0.1  |
| Acenaphthene                             | M     | mg/kg | 0.1  | ^ < 0.1  |
| Fluorene                                 | M     | mg/kg | 0.1  | ^ < 0.1  |
| Phenanthrene                             | M     | mg/kg | 0.1  | ^ < 0.1  |
| Anthracene                               | M     | mg/kg | 0.1  | ^ < 0.1  |
| Fluoranthene                             | M     | mg/kg | 0.1  | ^ < 0.1  |
| Pyrene                                   | M     | mg/kg | 0.1  | ^ < 0.1  |
| Benzo(a)anthracene                       | M     | mg/kg | 0.1  | ^ < 0.1  |
| Chrysene                                 | M     | mg/kg | 0.1  | ^ < 0.1  |
| Benzo(b)fluoranthene                     | M     | mg/kg | 0.1  | ^ < 0.1  |
| Benzo(k)fluoranthene                     | M     | mg/kg | 0.1  | ^ < 0.1  |
| Benzo(a)pyrene                           | M     | mg/kg | 0.1  | ^ < 0.1  |
| Indeno(1,2,3-cd)pyrene                   | M     | mg/kg | 0.1  | ^ < 0.1  |
| Dibenzo(a,h)anthracene                   | M     | mg/kg | 0.1  | ^ < 0.1  |
| Benzo[g,h,i]perylene                     | M     | mg/kg | 0.1  | ^ < 0.1  |
| Total PAH(16)                            | M     | mg/kg | 0.4  | ^ < 0.4  |
| <b>BTEX</b>                              |       |       |      |          |
| Benzene                                  | M     | ug/kg | 10   | ^ < 10.0 |
| Toluene                                  | M     | ug/kg | 10   | ^ < 10.0 |
| Ethylbenzene                             | M     | ug/kg | 10   | ^ < 10.0 |
| Xylenes                                  | M     | ug/kg | 10   | ^ < 10.0 |
| MTBE                                     | N     | ug/kg | 10   | < 10.0   |
| <b>TPH CWG</b>                           |       |       |      |          |
| >C5-C6 Aliphatic                         | N     | mg/kg | 0.01 | < 0.01   |
| >C6-C8 Aliphatic                         | N     | mg/kg | 0.01 | < 0.01   |
| >C8-C10 Aliphatic                        | N     | mg/kg | 1    | < 1.0    |
| >C10-C12 Aliphatic                       | M     | mg/kg | 1    | ^ < 1.0  |
| >C12-C16 Aliphatic                       | M     | mg/kg | 1    | ^ < 1.0  |
| >C16-C21 Aliphatic                       | M     | mg/kg | 1    | ^ < 1.0  |
| >C21-C35 Aliphatic                       | M     | mg/kg | 1    | ^ < 1.0  |
| >C35-C40 Aliphatic                       | M     | mg/kg | 1    | ^ < 1.0  |
| Total aliphatic hydrocarbons (>C5 - C40) | N     | mg/kg | 1    | < 1.0    |
| >C5-C7 Aromatic                          | N     | mg/kg | 0.01 | < 0.01   |
| >C7-C8 Aromatic                          | N     | mg/kg | 0.01 | < 0.01   |
| >C8-C10 Aromatic                         | N     | mg/kg | 1    | < 1.0    |
| >C10-C12 Aromatic                        | M     | mg/kg | 1    | ^ < 1.0  |
| >C12-C16 Aromatic                        | M     | mg/kg | 1    | ^ < 1.0  |
| >C16-C21 Aromatic                        | M     | mg/kg | 1    | ^ < 1.0  |
| >C21-C35 Aromatic                        | M     | mg/kg | 1    | ^ < 1.0  |
| >C35-C40 Aromatic                        | M     | mg/kg | 1    | ^ < 1.0  |
| Total aromatic hydrocarbons (>C5 - C40)  | N     | mg/kg | 1    | < 1.0    |
| Total petroleum hydrocarbons (>C5 - C40) | N     | mg/kg | 1    | < 1.0    |



Unit A2, Windmill Road, Ponswood Industrial Estate, St Leonards on Sea, East Sussex, TN38 9BY  
Tel: +44 (0)1424 718618, Email: info@elab-uk.co.uk, Web: www.elab-uk.co.uk

Results Summary

Report No.: 21-33865, issue number 0

Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

| Elab No | Depth (m) | Clients Reference | Description of Sample Matrix #                      | Asbestos             | Gravimetric Analysis Total | Gravimetric Analysis by ACM Type | Free Fibre Analysis | Total Asbestos |
|---------|-----------|-------------------|-----------------------------------------------------|----------------------|----------------------------|----------------------------------|---------------------|----------------|
| 238139  | 0.15      | Plot 16           | Brown soil, stones, wood                            | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 238141  | 0.10      | Plot 17           | Brown sandy soil, stones, brick, clinker, wood      | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 238142  | 0.25      | Plot 24 2         | Brown sandy soil, stones, concrete, brick, clinker, | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |
| 238144  | 0.25      | S/S Stockpile     | Brown soil, stones                                  | No asbestos detected | n/t                        | n/t                              | n/t                 | n/t            |

## Method Summary

Report No.: 21-33865, issue number 0

| Parameter                             | Codes | Analysis Undertaken On | Date Tested | Method Number | Technique          |
|---------------------------------------|-------|------------------------|-------------|---------------|--------------------|
| <b>Soil</b>                           |       |                        |             |               |                    |
| Acid neutralisation capacity          | N     | Air dried sample       | 25/05/2021  |               |                    |
| Extractable cations - BS3882          | N     | Air dried sample       | 27/05/2021  |               | ICPMS              |
| Visible Contaminants                  | N     |                        | 25/05/2021  |               |                    |
| Sulphide                              | N     | As submitted sample    | 25/05/2021  | 109           | Colorimetry        |
| Hexavalent chromium                   | N     | As submitted sample    | 24/05/2021  | 110           | Colorimetry        |
| pH                                    | M     | Air dried sample       | 27/05/2021  | 113           | Electromeric       |
| Electrical conductivity of soil       | N     | Air dried sample       | 28/05/2021  | 114           | Electromeric       |
| Acid Soluble Sulphate                 | U     | Air dried sample       | 26/05/2021  | 115           | Ion Chromatography |
| Phenols in solids                     | N     | As submitted sample    | 24/05/2021  | 121           | HPLC               |
| Elemental Sulphur                     | M     | Air dried sample       | 25/05/2021  | 122           | HPLC               |
| Loss on ignition at 450 deg C         | M     | Air dried sample       | 27/05/2021  | 129           | Gravimetry         |
| PAH (GC-FID)                          | M     | As submitted sample    | 24/05/2021  | 133           | GC-FID             |
| Extr. Phos                            | N     | Air dried sample       | 27/05/2021  | 140           | ICPMS              |
| Water soluble anions                  | M     | Air dried sample       | 25/05/2021  | 172           | Ion Chromatography |
| Low range Aliphatic hydrocarbons soil | N     | As submitted sample    | 25/05/2021  | 181           | GC-MS              |
| Low range Aromatic hydrocarbons soil  | N     | As submitted sample    | 25/05/2021  | 181           | GC-MS              |
| BTEX in solids                        | M     | As submitted sample    | 25/05/2021  | 181A          | GC-MS              |
| Water soluble boron                   | N     | Air dried sample       | 25/05/2021  | 202           | Colorimetry        |
| Total cyanide                         | M     | As submitted sample    | 24/05/2021  | 204           | Colorimetry        |
| Total organic carbon/Total sulphur    | N     | Air dried sample       | 26/05/2021  | 210           | IR                 |
| TPH CWG soil by gc-gc                 | M     | As submitted sample    | 21/05/2021  | 271           |                    |
| Asbestos identification               | U     | Air dried sample       | 26/05/2021  | 280           | Microscopy         |
| Aqua regia extractable metals         | M     | Air dried sample       | 25/05/2021  | 300           | ICPMS              |
| Soil organic matter                   | U     | Air dried sample       | 27/05/2021  | BS1377:P3     | Titrimetry         |

Tests marked N are not UKAS accredited

## Report Information

Report No.: 21-33865, issue number 0

### Key

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|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| U   | hold UKAS accreditation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| M   | hold MCERTS and UKAS accreditation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| N   | do not currently hold UKAS accreditation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ^   | MCERTS accreditation not applicable for sample matrix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| *   | UKAS accreditation not applicable for sample matrix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| S   | Subcontracted to approved laboratory UKAS Accredited for the test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SM  | Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NS  | Subcontracted to approved laboratory. UKAS accreditation is not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| I/S | Insufficient Sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| U/S | Unsuitable sample                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| n/t | Not tested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <   | means "less than"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| >   | means "greater than"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LOD | <p>LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.</p> <p>Soil sample results are expressed on an air dried basis (dried at &lt; 30°C), and are uncorrected for inert material removed.</p> <p>ELAB are unable to provide an interpretation or opinion on the content of this report.</p> <p>The results relate only to the sample received.</p> <p>PCB congener results may include any coeluting PCBs</p> <p>Uncertainty of measurement for the determinands tested are available upon request</p> <p>Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.</p> |

### Deviation Codes

- 
- |   |                                                          |
|---|----------------------------------------------------------|
| a | No date of sampling supplied                             |
| b | No time of sampling supplied (Waters Only)               |
| c | Sample not received in appropriate containers            |
| d | Sample not received in cooled condition                  |
| e | The container has been incorrectly filled                |
| f | Sample age exceeds stability time (sampling to receipt)  |
| g | Sample age exceeds stability time (sampling to analysis) |

Where a sample has a deviation code, the applicable test result may be invalid.

### Sample Retention and Disposal

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All soil samples will be retained for a period of one month

All water samples will be retained for 7 days following the date of the test report

Charges may apply to extended sample storage