

Pass/Fail

(X) Pass

() Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Photographs

(1 record)

Photograph



Description

Plot 51

Hole ID

Plot 52

Plot No./Position

Plot 52

Date of Hole

06/08/2021, 09:55

Hole Type

HP

Final Depth

0.7

Ground Conditions

(2 records)

Top Depth	Base Depth	General description of stratum
0	0.3	Dark brown slightly gravelly fine SAND with frequent rootlets and roots 1-5mm. Gravel is fine to medium sub angular flint.
0.3	0.7	Orangish brown and brown sandy very gravelly cobbly CLAY. Gravel and cobbles are fine to coarse sub angular flint.

Samples

(2 records)

Top Depth	Base Depth	Sample type	Sample reference
0.2		ES	1
0.4		ES	2

Pass/Fail

(X) Pass

() Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Photographs

(1 record)

Photograph



Description Root protection zone in E end of Plot 52

Hole ID Plot 53

Plot No./Position Plot 53

Date of Hole 06/08/2021, 10:03

Hole Type HP

Final Depth 0.65

Ground Conditions

(2 records)

Top Depth	Base Depth	General description of stratum
0	0.2	Dark brown slightly gravelly fine SAND with frequent rootlets and roots 1-3mm. Gravel is fine to medium sub angular flint.
0.2	0.65	Brown sandy very gravelly cobbly CLAY with some rootlets. Gravel and cobbles are fine to coarse sub angular flint.

Samples

(2 records)

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

Pass/Fail

(X) Pass

() Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Photographs

(2 records)

Photograph



Description

Root protection zone looking N

Photograph



Description Plot 53 looking W

Hole ID	Plot 53
Plot No./Position	Plot 54
Date of Hole	06/08/2021, 10:13
Hole Type	HP
Final Depth	0.65

Ground Conditions

(2 records)

Top Depth	Base Depth	General description of stratum
0	0.2	Dark brown slightly gravelly fine SAND with frequent rootlets and some roots 1-3mm .
0.2	0.65	Orangish brown sandy very gravelly cobbly CLAY.

Samples

(2 records)

Top Depth	Base Depth	Sample type	Sample reference
0.1		ES	1
0.5		ES	2

Pass/Fail

(X) Pass
() Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Photographs

(2 records)

Photograph



Description

Plot 54

Photograph

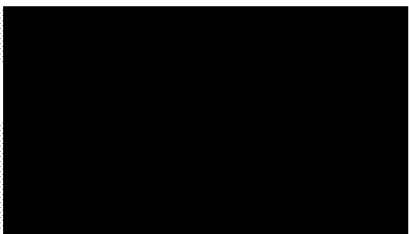


Description

Plots 55-59 not ready for inspection

Approved By

No users

ID	GE18103
Project Name	Cornfield Close, Littlehampton
Client	Thakeham
Engineers	
 Thomas Morgan	
Project Manager	
 Fiona Goode	
 Glyn Evans	
Location	Littlehampton
Date	18/08/2021

Details of Hole

(5 records)

Hole ID	Plot 55
Plot No./Position	55
Date of Hole	18/08/2021, 08:46
Hole Type	TP
Final Depth	0.6

Ground Conditions

(2 records)

Top Depth	Base Depth	General description of stratum
0	0.15	Dark brown to black silty fine to occasionally coarse SAND with occasional rootlets.
0.15	0.6	Brown slightly sandy gravelly CLAY. Gravel is fine to medium angular to subrounded flint.

Samples

(2 records)

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

Pass/Fail (X) Pass
() Fail

Remarks

Photo of Spoil

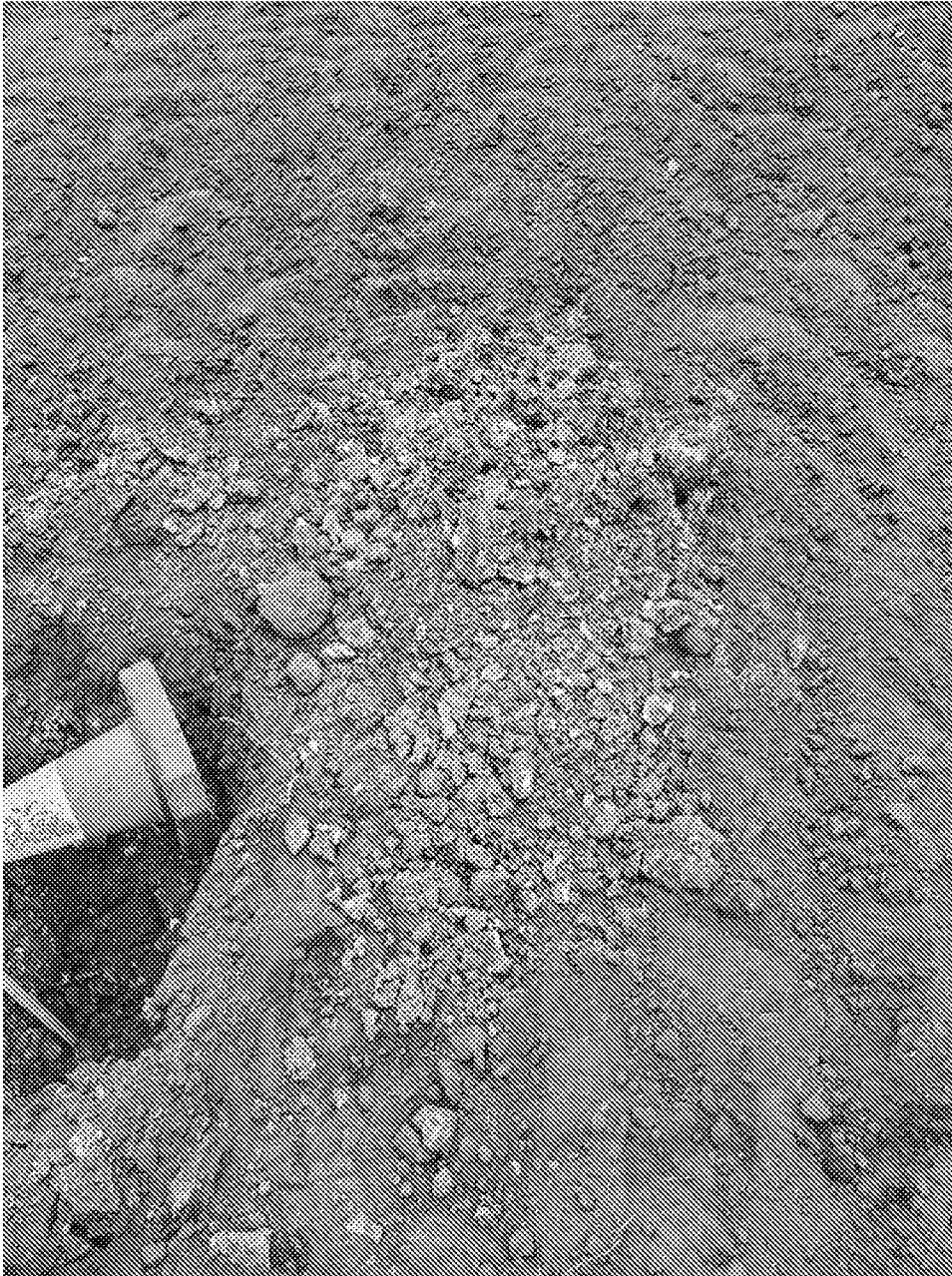


Photo of hole with tape in place



Hole ID	Plot 56
Plot No./Position	56
Date of Hole	18/08/2021, 09:00
Hole Type	TP
Final Depth	0.55

Ground Conditions

(2 records)

Top Depth	Base Depth	General description of stratum
0	0.2	Dark brown to black silty fine to occasionally coarse SAND with occasional rootlets.
0.2	0.55	Brown slightly sandy gravelly CLAY. Gravel is fine to medium angular to subrounded flint.

Samples

(2 records)

Top Depth	Base Depth	Sample type	Sample reference
0.1	0.1	ES	1
0.5	0.5	ES	2

Pass/Fail

(X) Pass

() Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Hole ID	Plot 57
Plot No./Position	57
Date of Hole	18/08/2021, 09:22
Hole Type	TP
Final Depth	0.6

Ground Conditions

(2 records)

Top Depth	Base Depth	General description of stratum
0	0.2	Dark brown to black silty fine to occasionally coarse SAND with occasional rootlets.
0.2	0.6	Brown slightly sandy gravelly CLAY. Gravel is fine to medium angular to subrounded flint.

Samples

(2 records)

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

(X) Pass

Pass/Fail

() Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Hole ID	Plot 58
Plot No./Position	58
Date of Hole	18/08/2021, 09:42
Hole Type	TP
Final Depth	0.55

Ground Conditions

(2 records)

Top Depth	Base Depth	General description of stratum
0	0.17	Dark brown to black silty fine to occasionally coarse SAND with occasional rootlets.
0.17	0.55	Brown slightly sandy gravelly CLAY. Gravel is fine to medium angular to subrounded flint.

Samples

(2 records)

Top Depth	Base Depth	Sample type	Sample reference
0.1	0.1	ES	1
0.5	0.5	ES	2

(X) Pass

Pass/Fail

() Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



Hole ID Plot 59

Plot No./Position 59

Date of Hole 18/08/2021, 09:44

Hole Type TP

Final Depth 0.45

Ground Conditions

(2 records)

Top Depth	Base Depth	General description of stratum
0	0.13	Dark brown to black silty fine to occasionally coarse SAND with occasional rootlets.
0.13	0.45	Brown slightly sandy gravelly CLAY. Gravel is fine to medium angular to subrounded flint.

Samples

(2 records)

Top Depth	Base Depth	Sample type	Sample reference
0.1	0.1	ES	1
0.45	0.45	ES	2

(X) Pass

Pass/Fail

() Fail

Remarks

Photo of Spoil



Photo of hole with tape in place



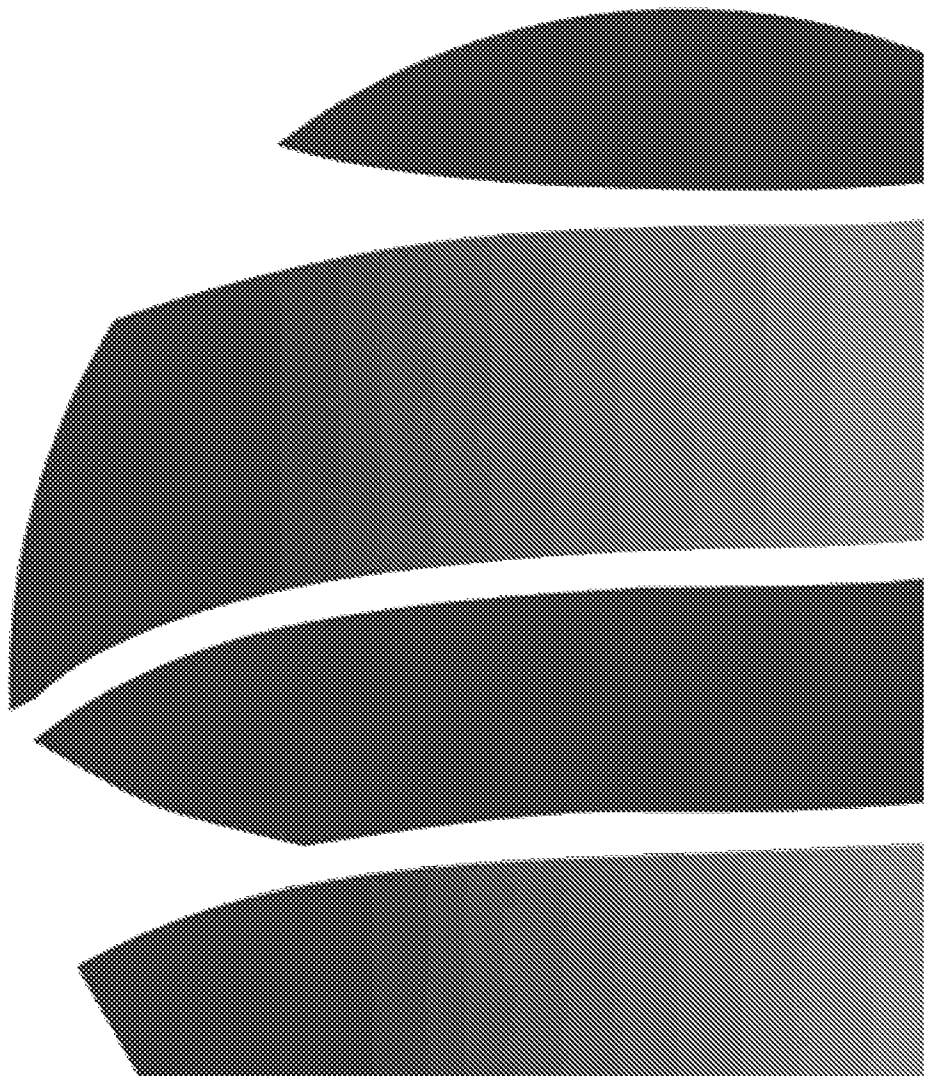
Approved By

No users



APPENDIX F

Geochemical Laboratory Results





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

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 21-35321

Issue: 1

Date of Issue: 17/08/2021

Contact: Fiona Goode

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

Quotation No: Q19-01488

Order No: PO-4336

Customer Reference: GE18103

Date Received: 06/08/2021

Date Approved: 17/08/2021

Details: Cornfield Close

Approved by:

Mike Varley, Technical Manager

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.: 21-35321, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
247298	Plot 50 0.10	06/08/2021	10/08/2021	Silty loam	
247299	Plot 50 0.40	06/08/2021	10/08/2021		
247300	Plot 51 0.10	06/08/2021	10/08/2021	Silty loam	
247301	Plot 51 0.30	06/08/2021	10/08/2021	Silty loam	
247302	Plot 52 0.20	06/08/2021	10/08/2021	Silty loam	
247303	Plot 52 0.40	06/08/2021	10/08/2021		
247304	Plot 53 0.10	06/08/2021	10/08/2021	Silty loam	
247305	Plot 53 0.40	06/08/2021	10/08/2021	Silty loam	
247306	Plot 54 0.10	06/08/2021	10/08/2021		
247307	Plot 54 0.50	06/08/2021	10/08/2021	Silty loam	

Results Summary

Report No.: 21-35321, issue number 1

ELAB Reference				247298	247300	247301	247302	247304	247305	247307
Customer Reference										
Sample ID										
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				Plot 50	Plot 51	Plot 51	Plot 52	Plot 53	Plot 53	Plot 54
Sample Depth (m)				0.10	0.10	0.30	0.20	0.10	0.40	0.50
Sampling Date				06/08/2021	06/08/2021	06/08/2021	06/08/2021	06/08/2021	06/08/2021	06/08/2021
Determinand	Codes	Units	LOD							
Soil sample preparation parameters										
Material removed	N	%	0.1	< 0.1	< 0.1	28.6	< 0.1	< 0.1	48.6	50.7
Description of Inert material removed	N		0	None	None	Stones	None	None	Stones	Stones
Metals										
Arsenic	M	mg/kg	1	5.1	n/t	12.1	3.6	3.9	n/t	11.0
Beryllium	U	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	1.0
Cadmium	M	mg/kg	0.5	< 0.5	n/t	0.7	< 0.5	< 0.5	n/t	0.6
Chromium	M	mg/kg	5	14.2	n/t	36.0	8.5	10.9	n/t	35.5
Copper	M	mg/kg	5	8.4	< 5.0	15.4	5.9	7.5	14.3	14.0
Lead	M	mg/kg	5	47.5	n/t	37.3	45.8	56.3	n/t	23.1
Mercury	M	mg/kg	0.5	< 0.5	n/t	< 0.5	< 0.5	< 0.5	n/t	< 0.5
Nickel	M	mg/kg	5	< 5.0	< 5.0	31.6	< 5.0	< 5.0	29.1	30.1
Selenium	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
Vanadium	M	mg/kg	5	14.1	n/t	42.8	11.0	12.8	n/t	41.3
Zinc	M	mg/kg	5	38.1	24.3	67.1	29.9	33.2	63.9	63.6
Anions										
Water Soluble Chloride	M	mg/kg	40	< 40	n/t	< 40	< 40	< 40	n/t	51
Water Soluble Sulphate	M	g/l	0.02	< 0.02	n/t	0.02	< 0.02	< 0.02	n/t	0.02
Inorganics										
Carbonate	N	%	0.1	n/t	0.8	n/t	n/t	n/t	5.3	n/t
Elemental Sulphur	M	mg/kg	20	< 20	n/t	< 20	< 20	< 20	n/t	< 20
Hexavalent Chromium	N	mg/kg	0.8	< 0.8	n/t	< 0.8	< 0.8	< 0.8	n/t	< 0.8
Total Sulphide	N	mg/kg	2	< 2	n/t	< 2	< 2	< 2	n/t	< 2
Total Cyanide	M	mg/kg	1	2.0	n/t	< 1.0	1.9	2.4	n/t	< 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02	0.02	n/t	0.03	< 0.02	< 0.02	n/t	0.03
Water Soluble Boron	N	mg/kg	0.5	< 0.5	n/t	< 0.5	< 0.5	< 0.5	n/t	< 0.5
Miscellaneous										
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50	n/t	2300	n/t	n/t	n/t	2320	n/t
Carbon Nitrogen Ratio	N	ratio	0.1	n/t	16.9	n/t	n/t	n/t	n/t	n/t
Loss On Ignition (450°C)	M	%	0.01	n/t	4.09	n/t	n/t	n/t	3.71	n/t
pH	M	pH units	0.1	7.0	6.2	8.2	6.7	6.1	7.9	8.2
Density	N	g/ml	0	n/t	1.15	n/t	n/t	n/t	1.16	n/t
Soil Organic Matter	U	%	0.1	n/t	n/t	n/t	n/t	n/t	1.0	n/t
Total Carbon	N	%	0.01	n/t	2.4	n/t	n/t	n/t	n/t	n/t
Total Organic Carbon	N	%	0.01	1.6	n/t	0.43	1.2	1.5	n/t	0.63
Total Nitrogen	N	%	0.01	n/t	0.14	n/t	n/t	n/t	n/t	n/t
Extractable Potassium	N	mg/l	20	n/t	55	n/t	n/t	n/t	164	n/t
Extractable Magnesium	N	mg/l	20	n/t	27	n/t	n/t	n/t	55	n/t
Extractable Phosphate	N	mg/l	1	n/t	53	n/t	n/t	n/t	n/t	n/t
Extractable Calcium	N	mg/l	20	n/t	n/t	n/t	n/t	n/t	4780	n/t
Extractable Sodium	N	mg/l	20	n/t	n/t	n/t	n/t	n/t	< 20	n/t
Sand content	NS	%	1	n/t	83	n/t	n/t	n/t	23	n/t
Silt content	NS	%	1	n/t	11	n/t	n/t	n/t	47	n/t
Clay content	NS	%	1	n/t	6	n/t	n/t	n/t	30	n/t
Stones > 2mm	NS	%	1	n/t	4	n/t	n/t	n/t	11	n/t
Stones > 20mm	NS	%	1	n/t	3	n/t	n/t	n/t	10	n/t
Stones > 50mm	NS	%	1	n/t	< 1	n/t	n/t	n/t	n/t	n/t
Stones > 75mm	NS	%	1	n/t	n/t	n/t	n/t	n/t	< 1	n/t
Total Visible Contaminants	N	%	0.01	n/t	< 0.01	n/t	n/t	n/t	< 0.01	n/t
Plastics	N	%	0.01	n/t	< 0.01	n/t	n/t	n/t	< 0.01	n/t
Sharps	N	n/kg	0	n/t	0	n/t	n/t	n/t	0	n/t
Phenols										
Total Phenols	N	mg/kg	6	< 6	n/t	< 6	< 6	< 6	n/t	< 6

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The Environmental Laboratory Ltd. Reg. No. 3882193

Results Summary

Report No.: 21-35321, issue number 1

ELAB Reference	247298	247300	247301	247302	247304	247305	247307
Customer Reference							
Sample ID							
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location	Plot 50	Plot 51	Plot 51	Plot 52	Plot 53	Plot 53	Plot 54
Sample Depth (m)	0.10	0.10	0.30	0.20	0.10	0.40	0.50
Sampling Date	06/08/2021	06/08/2021	06/08/2021	06/08/2021	06/08/2021	06/08/2021	06/08/2021

Determinand	Codes	Units	LOD							
Polyaromatic hydrocarbons										
Naphthalene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1	n/t	< 0.1
Acenaphthylene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1	n/t	< 0.1
Acenaphthene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1	n/t	< 0.1
Fluorene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1	n/t	< 0.1
Phenanthrene	M	mg/kg	0.1	0.2	n/t	< 0.1	0.3	0.3	n/t	< 0.1
Anthracene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1	n/t	< 0.1
Fluoranthene	M	mg/kg	0.1	0.7	n/t	< 0.1	1.2	1.0	n/t	< 0.1
Pyrene	M	mg/kg	0.1	0.6	n/t	< 0.1	1.0	0.8	n/t	< 0.1
Benzo(a)anthracene	M	mg/kg	0.1	0.4	n/t	< 0.1	0.7	0.5	n/t	< 0.1
Chrysene	M	mg/kg	0.1	0.5	n/t	< 0.1	0.7	0.6	n/t	< 0.1
Benzo(b)fluoranthene	M	mg/kg	0.1	0.6	n/t	< 0.1	0.9	0.7	n/t	< 0.1
Benzo(k)fluoranthene	M	mg/kg	0.1	0.6	n/t	< 0.1	0.7	0.7	n/t	< 0.1
Benzo(a)pyrene	M	mg/kg	0.1	0.5	n/t	< 0.1	0.7	0.5	n/t	< 0.1
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	0.5	n/t	< 0.1	0.6	0.4	n/t	< 0.1
Dibenzo(a,h)anthracene	M	mg/kg	0.1	0.2	n/t	< 0.1	0.2	0.1	n/t	< 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1	0.4	n/t	< 0.1	0.5	0.5	n/t	< 0.1
Total PAH(16)	M	mg/kg	0.4	5.3	n/t	< 0.4	7.7	6.0	n/t	< 0.4
BTEX										
Benzene	M	ug/kg	10	< 10.0	n/t	< 10.0	< 10.0	< 10.0	n/t	< 10.0
Toluene	M	ug/kg	10	< 10.0	n/t	< 10.0	< 10.0	< 10.0	n/t	< 10.0
Ethylbenzene	M	ug/kg	10	< 10.0	n/t	< 10.0	< 10.0	< 10.0	n/t	< 10.0
Xylenes	M	ug/kg	10	< 10.0	n/t	< 10.0	< 10.0	< 10.0	n/t	< 10.0
MTBE	N	ug/kg	10	< 10.0	n/t	< 10.0	< 10.0	< 10.0	n/t	< 10.0
TPH CWG										
>C5-C6 Aliphatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01	< 0.01	< 0.01	n/t	< 0.01
>C6-C8 Aliphatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01	< 0.01	< 0.01	n/t	< 0.01
>C8-C10 Aliphatic	N	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
>C10-C12 Aliphatic	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
>C12-C16 Aliphatic	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
>C16-C21 Aliphatic	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
>C21-C35 Aliphatic	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
>C35-C40 Aliphatic	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
Total aliphatic hydrocarbons (>C5 - C40)	N	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	1.1	n/t	< 1.0
>C5-C7 Aromatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01	< 0.01	< 0.01	n/t	< 0.01
>C7-C8 Aromatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01	< 0.01	< 0.01	n/t	< 0.01
>C8-C10 Aromatic	N	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
>C10-C12 Aromatic	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
>C12-C16 Aromatic	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
>C16-C21 Aromatic	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	1.0	n/t	< 1.0
>C21-C35 Aromatic	M	mg/kg	1	2.3	n/t	< 1.0	2.7	3.7	n/t	< 1.0
>C35-C40 Aromatic	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0	n/t	< 1.0
Total aromatic hydrocarbons (>C5 - C40)	N	mg/kg	1	4.4	n/t	< 1.0	5.1	6.8	n/t	< 1.0
Total petroleum hydrocarbons (>C5 - C40)	N	mg/kg	1	5.0	n/t	< 1.0	5.9	7.8	n/t	< 1.0

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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.: 21-35321, 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 Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)
247298	0.10	Plot 50	Brown soil, stones, clinker	No asbestos detected	n/t	n/t	n/t	n/t
247301	0.30	Plot 51	Brown sandy soil, stones	No asbestos detected	n/t	n/t	n/t	n/t
247302	0.20	Plot 52	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t
247304	0.10	Plot 53	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t
247307	0.50	Plot 54	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t

Method Summary

Report No.: 21-35321, issue number 1

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Acid neutralisation capacity	N	Air dried sample	11/08/2021		
Extractable cations - BS3882	N	Air dried sample	13/08/2021		ICPMS
Visible Contaminants	N		11/08/2021		
Sulphide	N	As submitted sample	12/08/2021	109	Colorimetry
Hexavalent chromium	N	As submitted sample	11/08/2021	110	Colorimetry
pH	M	Air dried sample	12/08/2021	113	Electromeric
Electrical conductivity of soil	N	Air dried sample	12/08/2021	114	Electromeric
Acid Soluble Sulphate	U	Air dried sample	12/08/2021	115	Ion Chromatography
Phenols in solids	N	As submitted sample	11/08/2021	121	HPLC
Elemental Sulphur	M	Air dried sample	11/08/2021	122	HPLC
Loss on ignition at 450 deg C	M	Air dried sample	11/08/2021	129	Gravimetry
PAH (GC-FID)	M	As submitted sample	11/08/2021	133	GC-FID
Extr. Phos	N	Air dried sample	13/08/2021	140	ICPMS
Water soluble anions	M	Air dried sample	11/08/2021	172	Ion Chromatography
Low range Aliphatic hydrocarbons soil	N	As submitted sample	16/08/2021	181	GC-MS
Low range Aromatic hydrocarbons soil	N	As submitted sample	16/08/2021	181	GC-MS
BTEX in solids	M	As submitted sample	16/08/2021	181A	GC-MS
Water soluble boron	N	Air dried sample	11/08/2021	202	Colorimetry
Total cyanide	M	As submitted sample	12/08/2021	204	Colorimetry
Total organic carbon/Total sulphur	N	Air dried sample	12/08/2021	210	IR
TPH CWG soil by gc-gc	M	As submitted sample	10/08/2021	271	
Asbestos identification	U	Air dried sample	13/08/2021	280	Microscopy
Aqua regia extractable metals	M	Air dried sample	11/08/2021	300	ICPMS
Soil organic matter	U	Air dried sample	13/08/2021	BS1377:P3	Titrimetry

Tests marked N are not UKAS accredited



Report Information

Report No.: 21-35321, issue number 1

Key

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	LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination. Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed. ELAB are unable to provide an interpretation or opinion on the content of this report. The results relate only to the sample received. PCB congener results may include any coeluting PCBs Uncertainty of measurement for the determinands tested are available upon request Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.
-----	--

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

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

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 21-35501

Issue: Preliminary Report

Date of Issue: 25/08/2021

Contact: Thomas Morgan

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

Quotation No: Q19-01488

Order No: 4374

Customer Reference: GE18103

Date Received: 18/08/2021

Date Approved: Not Approved

Details: Cornfield Close

Approved by:

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.: 21-35501, issue number 0

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
248253	Plot 55 0.10	18/08/2021	18/08/2021	Silty loam	
248254	Plot 56 0.10	18/08/2021	18/08/2021	Silty loam	
248255	Plot 57 0.10	18/08/2021	18/08/2021	Silty loam	
248256	Plot 58 0.10	18/08/2021	18/08/2021	Silty loam	
248257	Plot 59 0.10	18/08/2021	18/08/2021		
248258	Plot 55 0.60	18/08/2021	18/08/2021		
248259	Plot 56 0.55	18/08/2021	18/08/2021	Silty clayey loam	
248260	Plot 57 0.60	18/08/2021	18/08/2021	Silty clayey loam	
248261	Plot 58 0.50	18/08/2021	18/08/2021	Silty clayey loam	
248262	Plot 59 0.45	18/08/2021	18/08/2021	Silty clayey loam	



Results Summary

Report No.: 21-35501, issue number 0

ELAB Reference				248253	248254	248255	248256	248259
Customer Reference								
Sample ID								
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				Plot 55	Plot 56	Plot 57	Plot 58	Plot 56
Sample Depth (m)				0.10	0.10	0.10	0.10	0.55
Sampling Date				18/08/2021	18/08/2021	18/08/2021	18/08/2021	18/08/2021
Determinand	Codes	Units	LOD					
Soil sample preparation parameters								
Material removed	N	%	0.1	8.5	8.0	8.4	12.3	35.1
Description of Inert material removed	N		0	stones	stones	stones	stones	stones
Metals								
Arsenic	M	mg/kg	1	^ 6.9	n/t	n/t	^ 6.9	n/t
Beryllium	U	mg/kg	1	< 1.0	n/t	n/t	< 1.0	n/t
Cadmium	M	mg/kg	0.5	^ < 0.5	n/t	n/t	^ < 0.5	n/t
Chromium	M	mg/kg	5	^ 15.2	n/t	n/t	^ 15.9	n/t
Copper	M	mg/kg	5	^ 27.9	^ 18.8	^ 18.5	^ 18.3	^ 21.8
Lead	M	mg/kg	5	^ 81.5	n/t	n/t	^ 80.5	n/t
Mercury	M	mg/kg	0.5	^ < 0.5	n/t	n/t	^ < 0.5	n/t
Nickel	M	mg/kg	5	^ 8.7	^ 5.9	^ 6.8	^ 8.0	^ 31.8
Selenium	M	mg/kg	1	^ < 1.0	n/t	n/t	^ < 1.0	n/t
Vanadium	M	mg/kg	5	^ 17.4	n/t	n/t	^ 16.9	n/t
Zinc	M	mg/kg	5	^ 88.0	^ 57.3	^ 60.8	^ 63.0	^ 74.1
Anions								
Water Soluble Chloride	M	mg/kg	40	^ 42	n/t	n/t	^ < 40	n/t
Water Soluble Sulphate	M	g/l	0.02	^ 0.13	n/t	n/t	^ 0.05	n/t
Inorganics								
Carbonate	N	%	0.1	n/t	0.8	0.3	n/t	0.8
Elemental Sulphur	M	mg/kg	20	^ < 20	n/t	n/t	^ < 20	n/t
Hexavalent Chromium	N	mg/kg	0.8	< 0.8	n/t	n/t	< 0.8	n/t
Total Sulphide	N	mg/kg	2	< 2	n/t	n/t	< 2	n/t
Total Cyanide	M	mg/kg	1	^ < 1.0	n/t	n/t	^ < 1.0	n/t
Acid Soluble Sulphate (SO4)	U	%	0.02	0.07	n/t	n/t	0.18	n/t
Water Soluble Boron	N	mg/kg	0.5	0.8	n/t	n/t	< 0.5	n/t
Miscellaneous								
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50	n/t	2540	2580	n/t	2430
Carbon Nitrogen Ratio	N	ratio	0.1	n/t	20.8154	18.7846	n/t	n/t
Loss On Ignition (450°C)	M	%	0.01	n/t	^ 6.53	^ 5.89	n/t	^ 4.63
pH	M	pH units	0.1	^ 8.0	^ 7.5	^ 7.4	^ 7.4	^ 7.9
Density	N	g/ml	0	n/t	1.17	1.14	n/t	1.15
Soil Organic Matter	U	%	0.1	n/t	n/t	n/t	n/t	1.0
Total Carbon	N	%	0.01	n/t	3.8	3.4	n/t	n/t
Total Organic Carbon	N	%	0.01	1.5	n/t	n/t	1.7	n/t
Total Nitrogen	N	%	0.01	n/t	0.18	0.18	n/t	n/t
Extractable Potassium	N	mg/l	20	n/t	116	107	n/t	191
Extractable Magnesium	N	mg/l	20	n/t	59	55	n/t	65
Extractable Phosphate	N	mg/l	1	n/t	62	71	n/t	n/t
Extractable Calcium	N	mg/l	20	n/t	n/t	n/t	n/t	4590
Extractable Sodium	N	mg/l	20	n/t	n/t	n/t	n/t	27
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	n/t
Stones > 75mm	NS	%	1	n/t	n/t	n/t	n/t	to follow
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.: 21-35501, issue number 0

ELAB Reference				248253	248254	248255	248256	248259
Customer Reference								
Sample ID								
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				Plot 55	Plot 56	Plot 57	Plot 58	Plot 56
Sample Depth (m)				0.10	0.10	0.10	0.10	0.55
Sampling Date				18/08/2021	18/08/2021	18/08/2021	18/08/2021	18/08/2021
Determinand	Codes	Units	LOD					
Phenols								
Total Phenols	N	mg/kg	6	< 6	n/t	n/t	< 6	n/t
Polyaromatic hydrocarbons								
Naphthalene	M	mg/kg	0.1	^ < 0.1	n/t	n/t	^ < 0.1	n/t
Acenaphthylene	M	mg/kg	0.1	^ < 0.1	n/t	n/t	^ < 0.1	n/t
Acenaphthene	M	mg/kg	0.1	^ < 0.1	n/t	n/t	^ < 0.1	n/t
Fluorene	M	mg/kg	0.1	^ < 0.1	n/t	n/t	^ < 0.1	n/t
Phenanthrene	M	mg/kg	0.1	^ 0.2	n/t	n/t	^ 0.2	n/t
Anthracene	M	mg/kg	0.1	^ < 0.1	n/t	n/t	^ < 0.1	n/t
Fluoranthene	M	mg/kg	0.1	^ 0.8	n/t	n/t	^ 0.8	n/t
Pyrene	M	mg/kg	0.1	^ 0.8	n/t	n/t	^ 0.7	n/t
Benzo(a)anthracene	M	mg/kg	0.1	^ 0.4	n/t	n/t	^ 0.5	n/t
Chrysene	M	mg/kg	0.1	^ 0.6	n/t	n/t	^ 0.6	n/t
Benzo(b)fluoranthene	M	mg/kg	0.1	^ 0.7	n/t	n/t	^ 0.7	n/t
Benzo(k)fluoranthene	M	mg/kg	0.1	^ 1.0	n/t	n/t	^ 1.0	n/t
Benzo(a)pyrene	M	mg/kg	0.1	^ 0.6	n/t	n/t	^ 0.6	n/t
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	^ 0.7	n/t	n/t	^ 0.7	n/t
Dibenzo(a,h)anthracene	M	mg/kg	0.1	^ 0.3	n/t	n/t	^ 0.3	n/t
Benzo[g,h,i]perylene	M	mg/kg	0.1	^ 0.5	n/t	n/t	^ 0.5	n/t
Total PAH(16)	M	mg/kg	0.4	^ 6.7	n/t	n/t	^ 6.7	n/t
BTEX								
Benzene	M	ug/kg	10	^ < 10.0	n/t	n/t	^ < 10.0	n/t
Toluene	M	ug/kg	10	^ < 10.0	n/t	n/t	^ < 10.0	n/t
Ethylbenzene	M	ug/kg	10	^ < 10.0	n/t	n/t	^ < 10.0	n/t
Xylenes	M	ug/kg	10	^ < 10.0	n/t	n/t	^ < 10.0	n/t
MTBE	N	ug/kg	10	< 10.0	n/t	n/t	< 10.0	n/t
TPH CWG								
>C5-C6 Aliphatic	N	mg/kg	0.01	< 0.01	n/t	n/t	< 0.01	n/t
>C6-C8 Aliphatic	N	mg/kg	0.01	< 0.01	n/t	n/t	< 0.01	n/t
>C8-C10 Aliphatic	N	mg/kg	1	< 1.0	n/t	n/t	< 1.0	n/t
>C10-C12 Aliphatic	M	mg/kg	1	^ < 1.0	n/t	n/t	^ < 1.0	n/t
>C12-C16 Aliphatic	M	mg/kg	1	^ < 1.0	n/t	n/t	^ < 1.0	n/t
>C16-C21 Aliphatic	M	mg/kg	1	^ < 1.0	n/t	n/t	^ < 1.0	n/t
>C21-C35 Aliphatic	M	mg/kg	1	^ 1.3	n/t	n/t	^ 2.2	n/t
>C35-C40 Aliphatic	M	mg/kg	1	^ < 1.0	n/t	n/t	^ < 1.0	n/t
Total aliphatic hydrocarbons (>C5 - C40)	N	mg/kg	1	1.8	n/t	n/t	2.7	n/t
>C5-C7 Aromatic	N	mg/kg	0.01	< 0.01	n/t	n/t	< 0.01	n/t
>C7-C8 Aromatic	N	mg/kg	0.01	< 0.01	n/t	n/t	< 0.01	n/t
>C8-C10 Aromatic	N	mg/kg	1	< 1.0	n/t	n/t	< 1.0	n/t
>C10-C12 Aromatic	M	mg/kg	1	^ < 1.0	n/t	n/t	^ < 1.0	n/t
>C12-C16 Aromatic	M	mg/kg	1	^ < 1.0	n/t	n/t	^ < 1.0	n/t
>C16-C21 Aromatic	M	mg/kg	1	^ 1.8	n/t	n/t	^ 1.8	n/t
>C21-C35 Aromatic	M	mg/kg	1	^ 10.2	n/t	n/t	^ 10.4	n/t
>C35-C40 Aromatic	M	mg/kg	1	^ < 1.0	n/t	n/t	^ 1.3	n/t
Total aromatic hydrocarbons (>C5 - C40)	N	mg/kg	1	13.5	n/t	n/t	14.2	n/t
Total petroleum hydrocarbons (>C5 - C40)	N	mg/kg	1	15.3	n/t	n/t	16.9	n/t

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Results Summary

Report No.: 21-35501, issue number 0

ELAB Reference				248260	248261	248262
Customer Reference						
Sample ID						
Sample Type				SOIL	SOIL	SOIL
Sample Location				Plot 57	Plot 58	Plot 59
Sample Depth (m)				0.60	0.50	0.45
Sampling Date				18/08/2021	18/08/2021	18/08/2021
Determinand	Codes	Units	LOD			
Soil sample preparation parameters						
Material removed	N	%	0.1	33.5	35.5	36.4
Description of Inert material removed	N		0	stones	stones	stones
Metals						
Arsenic	M	mg/kg	1	^ 11.9	n/t	^ 9.4
Beryllium	U	mg/kg	1	1.1	n/t	< 1.0
Cadmium	M	mg/kg	0.5	^ 0.7	n/t	^ 0.7
Chromium	M	mg/kg	5	^ 34.1	n/t	^ 37.8
Copper	M	mg/kg	5	^ 20.2	^ 20.0	^ 17.1
Lead	M	mg/kg	5	^ 22.0	n/t	^ 17.7
Mercury	M	mg/kg	0.5	^ < 0.5	n/t	^ < 0.5
Nickel	M	mg/kg	5	^ 32.0	^ 35.0	^ 29.1
Selenium	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
Vanadium	M	mg/kg	5	^ 42.9	n/t	^ 34.6
Zinc	M	mg/kg	5	^ 73.6	^ 68.3	^ 59.5
Anions						
Water Soluble Chloride	M	mg/kg	40	^ < 40	n/t	^ < 40
Water Soluble Sulphate	M	g/l	0.02	^ 0.03	n/t	^ < 0.02
Inorganics						
Carbonate	N	%	0.1	n/t	0.5	n/t
Elemental Sulphur	M	mg/kg	20	^ < 20	n/t	^ < 20
Hexavalent Chromium	N	mg/kg	0.8	< 0.8	n/t	< 0.8
Total Sulphide	N	mg/kg	2	< 2	n/t	< 2
Total Cyanide	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02	0.02	n/t	0.02
Water Soluble Boron	N	mg/kg	0.5	< 0.5	n/t	< 0.5
Miscellaneous						
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50	n/t	2370	n/t
Carbon Nitrogen Ratio	N	ratio	0.1	n/t	n/t	n/t
Loss On Ignition (450°C)	M	%	0.01	n/t	^ 4.34	n/t
pH	M	pH units	0.1	^ 8.1	^ 8.3	^ 8.3
Density	N	g/ml	0	n/t	1.12	n/t
Soil Organic Matter	U	%	0.1	n/t	0.8	n/t
Total Carbon	N	%	0.01	n/t	n/t	n/t
Total Organic Carbon	N	%	0.01	0.29	n/t	0.22
Total Nitrogen	N	%	0.01	n/t	n/t	n/t
Extractable Potassium	N	mg/l	20	n/t	168	n/t
Extractable Magnesium	N	mg/l	20	n/t	62	n/t
Extractable Phosphate	N	mg/l	1	n/t	n/t	n/t
Extractable Calcium	N	mg/l	20	n/t	4440	n/t
Extractable Sodium	N	mg/l	20	n/t	< 20	n/t
Sand content	NS	%	1	n/t	to follow	n/t
Silt content	NS	%	1	n/t	to follow	n/t
Clay content	NS	%	1	n/t	to follow	n/t
Stones > 2mm	NS	%	1	n/t	to follow	n/t
Stones > 20mm	NS	%	1	n/t	to follow	n/t
Stones > 50mm	NS	%	1	n/t	n/t	n/t
Stones > 75mm	NS	%	1	n/t	to follow	n/t
Total Visible Contaminants	N	%	0.01	n/t	< 0.01	n/t
Plastics	N	%	0.01	n/t	< 0.01	n/t
Sharps	N	n/kg	0	n/t	0	n/t

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Results Summary

Report No.: 21-35501, issue number 0

ELAB Reference				248260	248261	248262
Customer Reference						
Sample ID						
Sample Type				SOIL	SOIL	SOIL
Sample Location				Plot 57	Plot 58	Plot 59
Sample Depth (m)				0.60	0.50	0.45
Sampling Date				18/08/2021	18/08/2021	18/08/2021
Determinand	Codes	Units	LOD			
Phenols						
Total Phenols	N	mg/kg	6	< 6	n/t	< 6
Polyaromatic hydrocarbons						
Naphthalene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Acenaphthylene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Acenaphthene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Fluorene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Phenanthrene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Anthracene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Fluoranthene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Pyrene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Benzo(a)anthracene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Chrysene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Benzo(b)fluoranthene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Benzo(k)fluoranthene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Benzo(a)pyrene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Dibenzo(a,h)anthracene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1
Total PAH(16)	M	mg/kg	0.4	^ < 0.4	n/t	^ < 0.4
BTEX						
Benzene	M	ug/kg	10	^ < 10.0	n/t	^ < 10.0
Toluene	M	ug/kg	10	^ < 10.0	n/t	^ < 10.0
Ethylbenzene	M	ug/kg	10	^ < 10.0	n/t	^ < 10.0
Xylenes	M	ug/kg	10	^ < 10.0	n/t	^ < 10.0
MTBE	N	ug/kg	10	< 10.0	n/t	< 10.0
TPH CWG						
>C5-C6 Aliphatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01
>C6-C8 Aliphatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01
>C8-C10 Aliphatic	N	mg/kg	1	< 1.0	n/t	< 1.0
>C10-C12 Aliphatic	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
>C12-C16 Aliphatic	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
>C16-C21 Aliphatic	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
>C21-C35 Aliphatic	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
>C35-C40 Aliphatic	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
Total aliphatic hydrocarbons (>C5 - C40)	N	mg/kg	1	< 1.0	n/t	< 1.0
>C5-C7 Aromatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01
>C7-C8 Aromatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01
>C8-C10 Aromatic	N	mg/kg	1	< 1.0	n/t	< 1.0
>C10-C12 Aromatic	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
>C12-C16 Aromatic	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
>C16-C21 Aromatic	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
>C21-C35 Aromatic	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
>C35-C40 Aromatic	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0
Total aromatic hydrocarbons (>C5 - C40)	N	mg/kg	1	< 1.0	n/t	< 1.0
Total petroleum hydrocarbons (>C5 - C40)	N	mg/kg	1	< 1.0	n/t	< 1.0

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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.: 21-35501, 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 Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)
248253	0.10	Plot 55	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t
248256	0.10	Plot 58	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t
248260	0.60	Plot 57	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t
248262	0.45	Plot 59	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t

Method Summary

Report No.: 21-35501, issue number 0

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Acid neutralisation capacity	N	Air dried sample	24/08/2021		
Extractable cations - BS3882	N	Air dried sample	24/08/2021		ICPMS
Visible Contaminants	N		20/08/2021		
Sulphide	N	As submitted sample	23/08/2021	109	Colorimetry
Hexavalent chromium	N	As submitted sample	20/08/2021	110	Colorimetry
pH	M	Air dried sample	24/08/2021	113	Electromeric
Electrical conductivity of soil	N	Air dried sample	25/08/2021	114	Electromeric
Acid Soluble Sulphate	U	Air dried sample	23/08/2021	115	Ion Chromatography
Phenols in solids	N	As submitted sample	20/08/2021	121	HPLC
Elemental Sulphur	M	Air dried sample	23/08/2021	122	HPLC
Loss on ignition at 450 deg C	M	Air dried sample	20/08/2021	129	Gravimetry
PAH (GC-FID)	M	As submitted sample	20/08/2021	133	GC-FID
Extr. Phos	N	Air dried sample	24/08/2021	140	ICPMS
Water soluble anions	M	Air dried sample	20/08/2021	172	Ion Chromatography
Low range Aliphatic hydrocarbons soil	N	As submitted sample	23/08/2021	181	GC-MS
Low range Aromatic hydrocarbons soil	N	As submitted sample	23/08/2021	181	GC-MS
BTEX in solids	M	As submitted sample	23/08/2021	181A	GC-MS
Water soluble boron	N	Air dried sample	20/08/2021	202	Colorimetry
Total cyanide	M	As submitted sample	23/08/2021	204	Colorimetry
Total organic carbon/Total sulphur	N	Air dried sample	23/08/2021	210	IR
TPH CWG soil by gc-gc	M	As submitted sample	20/08/2021	271	
Asbestos identification	U	Air dried sample	25/08/2021	280	Microscopy
Aqua regia extractable metals	M	Air dried sample	20/08/2021	300	ICPMS
Soil organic matter	U	Air dried sample	25/08/2021	BS1377:P3	Titrimetry

Tests marked N are not UKAS accredited

Report Information

Report No.: 21-35501, issue number 0

Key

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	LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination. Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed. ELAB are unable to provide an interpretation or opinion on the content of this report. The results relate only to the sample received. PCB congener results may include any coeluting PCBs Uncertainty of measurement for the determinands tested are available upon request Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

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

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