GROUND ENGINEERING LIMITED

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VERIFICATION REPORT

WESTMERE BARN
NEW ROAD
SUTTON BRIDGE
LINCOLNSHIRE

Report Reference No. C14691B

On behalf of:-

Mr & Mrs Hoyles
c/o Suiter Construction Limited
Unit 7
Bryggen Road
King's Lynn
Norfolk
PE30 2HZ

November 2021

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Mr & Mrs Hoyles
c/o Suiter Construction Limited
Unit 7, Bryggen Road
Kingôs Lynn
Norfolk PE30 2HZ

Our Ref: SW/C14691B
15th November 2021

Verification Report - Remediation Works at Westmere Barn, New Road, Sutton Bridge, Lincolnshire

Introduction

Ground Engineering Limited was instructed by Suiter Construction Limited, on behalf of the client Mr & Mrs Hoyles, to check that the existing soils in the proposed ôeastern gardenô part of the development, following their redevelopment works at Westmere Barn, New Road, Sutton Bridge, were suitable for use in the private garden area of the new residential development.

Validation was to comprise a site inspection and testing of the existing soils following site clearance and construction works in the eastern garden area of the proposed development, and relates to Condition 14 of planning reference H18-0886-18. A Remediation Plan for development works at the site, Ground Engineering Limited report referenced C14691A dated October 2019, details the remediation requirements for the site and should be referenced when reading this report.

Remediation Work carried out by the Client

It was understood that the contractor Suiter Construction Limited undertook the redevelopment of the site, which included the construction of an underground treatment plant for the foul drainage in the eastern part of the site, which was completed by October 2021. No unexpected contamination was reported during the works by the clientôs site work contractor.

The completed eastern garden area was inspected by an engineer from Ground Engineering Limited on 27th October 2021.

Comment on Imported Topsoil

The part of a former field adjacent the barn conversion, which is to become the eastern garden area of the residential development, was tidied up following completion of construction works for the underground treatment plant. The private garden area is to be at the same level as the original ground, and no imported topsoil or subsoil was required to be sourced by the contractor. The soil in this proposed garden area was previously tested by Ground Engineering Limited, which is documented in their report referenced C14691 dated April 2019, and the results indicated that the soils would be suitable for retention within the proposed residential development.

Validation Works by Ground Engineering Limited

A site visit to record the remediation works within the eastern garden area and hand excavate trial pits (TP1 to TP4) in the garden area beside Westmere Barn, was undertaken by an engineer from Ground Engineering Limited on 27th October 2021. The soil sampling positions were selected by Ground Engineering Limited within the garden area, and their positions are shown on the exploratory hole location plan following this report text. The holes were excavated using hand tools to depths of between 0.30m and 0.55m within the garden area to inspect the soils present. The exposed strata were sampled and recorded by a Geoenvironmental Engineer. A sample from each of the holes was tested to determine whether it was suitable for use in the private garden area within the residential development.

Photographs of the garden area which include the hole positions are presented following the records.

The trial pit records, presented following the plans, give the descriptions and depths of the various strata encountered, details of all samples taken, and the groundwater conditions observed during and on completion of excavation.

Laboratory Work

The samples were inspected in the laboratory and assessments of the soil characteristics have been taken into account during preparation of the trial pit records. The soil descriptions have been made in accordance with BS5930:2015+A1:2020. The chemical test results are presented following the trial pit records.

Chemical analysis of soil samples recovered from the exploratory holes was undertaken, by an independent laboratory, primarily for characterisation purposes. The samples were tested for a suite encompassing a wide range of potential contaminants outlined by the Environment Agency (EA) and National House Building Council (NHBC) document R&D 66; 2008 ǒGuidance for the Safe Development of Housing on Land Affected by Contaminationô.

Strata Encountered

In trial pit TP4 in the southern part of the garden, a surface layer of disturbed ground from the installation of the treatment plant was underlain by brown and light brown, very silty fine sand at 0.40m depth to at least the base of the hole at 0.55m depth. The made ground comprised brown and light brown, slightly gravelly, silty fine sand, with a gravel fraction of angular to rounded flint and brick fragments, and occasional glass, ash, nail and slate fragments.

From surface in TP1, TP2 and TP3, brown, very silty fine sand was encountered to at least the base of the holes at 0.30m to 0.35m depth.

COMMENTS ON THE CHEMICAL TEST RESULTS OF IMPORTED SOIL

The results of the laboratory chemical testing on near surface soil samples have primarily been compared to soil screening values (SSVs) produced by Land Quality Management Limited (LQM) and the Chartered Institute for Environmental Health (CIEH) presented in their document ôThe LQM/CIEH S4ULs for Human Health Risk Assessment: 2015 (Publication Number S4UL3608)ö. The LQM/CIEH S4ULs are intended for use in assessing the potential risks posed to human health by contaminants in soil and are transparently-derived and cautious ótrigger valuesô above which further assessment of the risks or remedial action may be needed. The S4ULs (Suitable for Use Levels) have been derived, in accordance with UK legislation and Environment Agency policy, using a modified version of the Environment Agency CLEA 1.06 software.

Reference has also been given to ATRISKsoil soil screening values produced by Atkins Limited and provided under licence to Ground Engineering Limited. Atkins SSVs have been derived in line with the Environment Agency 2009 guidance using the CLEA 1.071 software. With the absence of a S4UL for cyanide the ATRISKsoil SSV has been used as the soil screening criteria within this report.

In 2014 the Department for Environment Food and Rural Affairs (DEFRA) published, in their document SP1010, Category 4 Screening Levels (C4SL) for several contaminants including lead. The C4SL represent screening levels below which the land could be considered suitable for a specified use and definitely not contaminated land in respect of those determinands. With the absence of S4UL for lead the C4SL has been used as the soil screening criteria within this report.

For each contaminant the adopted soil screening criteria have been calculated for the following land uses:

- Residential use with home grown produce
- Residential use without home grown produce
- Commercial and industrial usage

The intended purpose of the SSVs are as ñintervention valuesò in the regulatory framework for assessment of human health risks in relation to land use. These values are not binding standards, but are intended to inform judgements about the need for action to ensure that a new use of land does not pose any unacceptable risks to the health of the intended users.

Table 1 presented to the rear of this report text compares the test results for the soils with the SSVs in relation to the specified uses.

Discussion of Results of Soil Analysis

The results of the laboratory analysis indicate that the tested soils did not contain any elevated concentrations of contaminants, with all results within the soil screening values for a residential with home grown produce end use; for a residential without home grown produce end use; and for a commercial or industrial usage. In addition the samples were inspected by microscopy in a specialist laboratory and no asbestos was detected.

The soils had between 2.7% and 3.9% organic matter.

Conclusions

Naturally deposited and locally reworked soils were present in the private garden area of the residential development. The results of analysis indicate that the soils are considered suitable for use within a residential setting. No imported topsoil or subsoil was required as the final ground levels were unchanged.

If there are any queries regarding the contents of this letter do not hesitate to contact the undersigned.

For and On Behalf of Ground Engineering Limited

Yours faithfully,

S. WEATHERLEY

B.Eng.(Hons.), C.Geol., F.G.S.

Senior Geo-Environmental Engineer

C.M.J. EBELING

M.Sc.(Eng.), M.A.E.G., C.Geol., F.G.S.

Director

Table 1: Comparison of Chemical Test Results for Near Surface Soils with Soil Screening Values (SSVs)

Determinand	Number of Samples	Min. Value mg/kg	Max. Value mg/kg	Number of Samples Exceeding SSV for			Assessment Method	Soil Screening Criteria 2.5% SOM[#]		
				Residential with home grown produce	Residential without home grown produce	Commercial/ Industrial		Residential with home grown produce mg/kg	Residential without home grown produce mg/kg	Commercial/ Industrial mg/kg
Organic Matter	4	2.7%	3.9%	-	-	-	-	-	-	-
Arsenic	4	6.8	14	0	0	0	S4UL	37	40	640
Cadmium	4	<0.10	0.12	0	0	0	S4UL	11	85	190
Chromium (III)	4	9.8	19	0	0	0	S4UL	910	910	8600
Chromium (VI)	4	<0.50	<0.50	0	0	0	S4UL	6	6	33
Lead	4	12	30	0	0	0	C4SL	200	310	2330
Mercury	4	<0.10	<0.10	0	0	0	S4UL	11	15	320
Selenium	4	<0.20	0.32	0	0	0	S4UL	250	430	12,000
Nickel	4	3.8	13	0	0	0	S4UL	130	180	980
Phenols	4	<0.10	<0.10	0	0	0	S4UL	200	690	690
Benzo[a]pyrene	4	<0.10	<0.10	0	0	0	S4UL	0.98	1.2	15
Copper	4	22	54	0	0	0	S4UL	2400	7100	68,000
Zinc	4	38	87	0	0	0	S4UL	3700	40,000	730,000
Free Cyanide	4	<0.50	<0.50	0	0	0	ATRISK	34	34	34

Notes
S4UL and C4SL for metals were derived using 6% SOM. # benzo[a]pyrene SSV based on 6% SOM. These values are not sensitive to SOM and would also be applicable for 1% SOM and 2.5% SOM
LQM/CIEH S4ULs ©Copyright Land Quality Management Limited reproduced with permission; Publication Number S4UL3608. All rights reserved©
ATRISKsoil SSVs produced by Atkins Limited and provided under licence to Ground Engineering Limited

Site Location Plan

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Licence number AL100005523

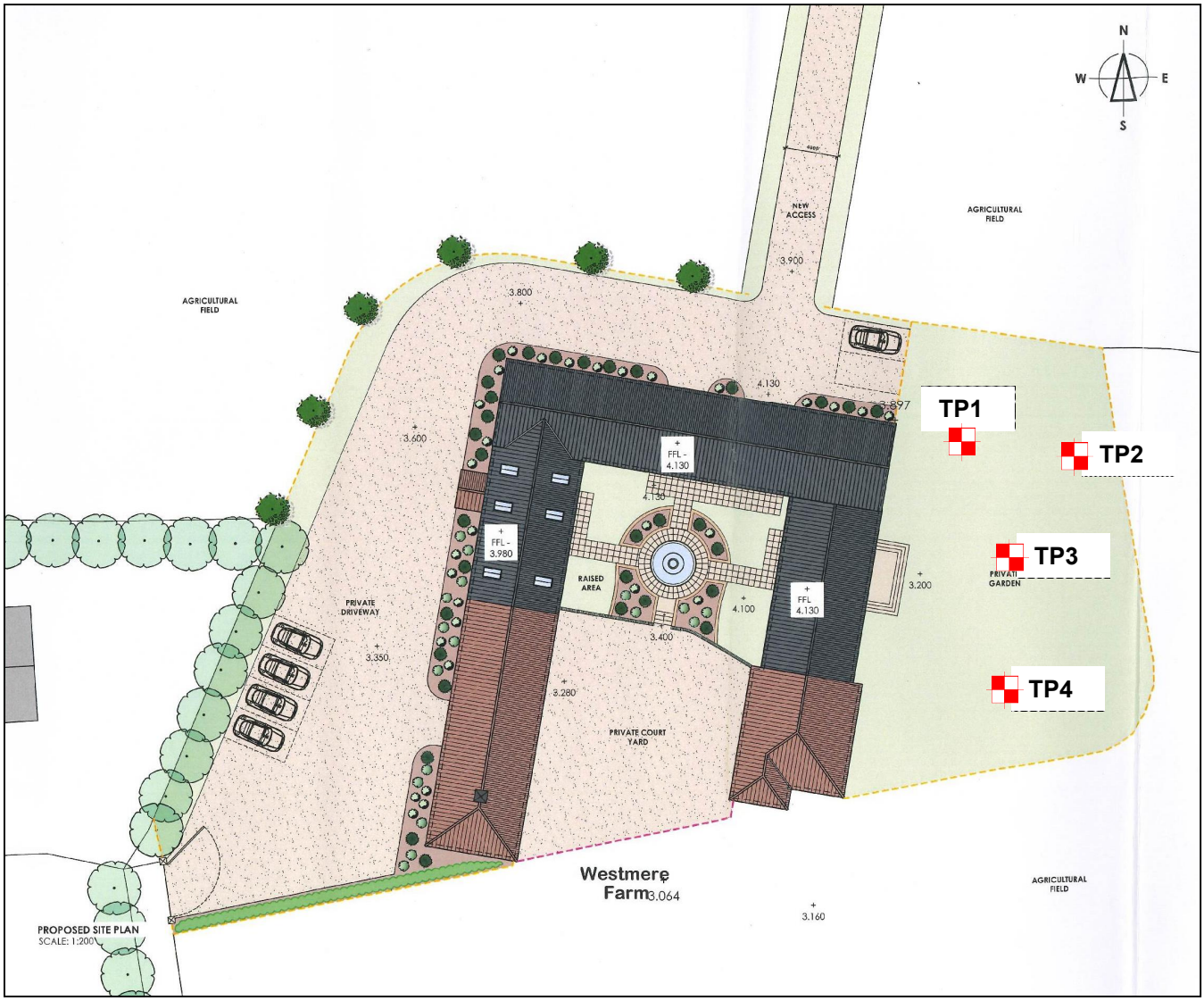


Not To Scale

Project : Westmere Barn, New Road, Sutton Bridge, Lincolnshire **Client : Mr & Mrs Hoyles**	**GROUND ENGINEERING LIMITED** Peterborough Tel : 01733 566566	**Project No.** **C14691B**

Exploratory Hole Location Plan

Based on proposed development plan provided by the client.



Not To Scale

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GROUND ENGINEERING LIMITED
Tel: 01733-566566
www.groundengineering.co.uk

Site: WESTMERE BARN, NEW ROAD, SUTTON BRIDGE

TRIAL PIT
TP1

Date: 27/10/21

Pit Size: 0.20m L x 0.20m W x 0.30m D.

Ground Level:

Samples and in-situ Tests			(Date) Water	Description of Strata	Legend	Depth m	O.D. Level m
Depth m	Type	Result					
0.25	D1			Brown, very silty fine SAND with occasional straw fragments.		0.30	
				Pit completed at 0.30m depth			

KEY
- D - Disturbed Sample
- B - Bulk Sample
- U - Undisturbed Sample
- R - Root Sample
- W - Water Sample
- ES - Environmental Sample
- ▽ Water Strike
- ▼ Water Rise
- ▼c Level on completion
- MP - Mackintosh Probe
- P( ) - Hand Penetrometer Cohesion ( ) kPa
- V - Vane Shear Test Cohesion ( ) kPa

REMARKS
1. No roots observed
2. Pit dry
3. Pit sides stable

Project No 14691B

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GROUND ENGINEERING LIMITED

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Site: WESTMERE BARN, NEW ROAD, SUTTON BRIDGE

TRIAL PIT
TP2

Date: 27/10/21

Pit Size: 0.20m L x 0.20m W x 0.30m D.

Ground Level:

Samples and in-situ Tests			(Date) Water	Description of Strata	Legend	Depth m	O.D. Level m
Depth m	Type	Result					
				Brown, very silty fine SAND.			
0.30	D1					0.30	
				Pit completed at 0.30m depth			

KEY

- D - Disturbed Sample
- B - Bulk Sample
- U - Undisturbed Sample
- R - Root Sample
- W - Water Sample
- ES - Environmental Sample
- ▽ Water Strike
- ▼ Water Rise
- ▼c Level on completion
- MP - Mackintosh Probe
- P( ) - Hand Penetrometer Cohesion ( ) kPa
- V - Vane Shear Test Cohesion ( ) kPa

REMARKS
1. No roots observed
2. Pit dry
3. Pit sides stable

Project No 14691B

Scale 1:10

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Site: WESTMERE BARN, NEW ROAD, SUTTON BRIDGE

TRIAL PIT
TP3

Date: 27/10/21

Pit Size: 0.20m L x 0.20m W x 0.35m D.

Ground Level:

Samples and in-situ Tests			(Date) Water	Description of Strata	Legend	Depth m	O.D. Level m
Depth m	Type	Result					
				Brown, very silty fine SAND.			
0.35	D1					0.35	
				Pit completed at 0.35m depth			

KEY
- D - Disturbed Sample
- B - Bulk Sample
- U - Undisturbed Sample
- R - Root Sample
- W - Water Sample
- ES - Environmental Sample
- ▽ Water Strike
- ▼ Water Rise
- ▼c Level on completion
- MP - Mackintosh Probe
- P( ) - Hand Penetrometer Cohesion ( ) kPa
- V - Vane Shear Test Cohesion ( ) kPa

REMARKS
1. Live roots observed to 0.25m depth
2. Pit dry
3. Pit sides stable

Project No 14691B

Scale 1:10

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GROUND ENGINEERING LIMITED

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Site: WESTMERE BARN, NEW ROAD, SUTTON BRIDGE

TRIAL PIT
TP4

Date: 27/10/21

Pit Size: 0.20m L x 0.20m W x 0.55m D.

Ground Level:

Samples and in-situ Tests			(Date) Water	Description of Strata	Legend	Depth m	O.D. Level m
Depth m	Type	Result					
0.20	D1			MADE GROUND - Brown and light brown, slightly gravelly, silty fine SAND. Gravel is angular to rounded flint and brick fragments with occasional glass, ash, nail and slate.		0.40	
0.45	D2			Brown and light brown, very silty fine SAND.		0.55	
				Pit completed at 0.55m depth			

KEY

- D - Disturbed Sample
- B - Bulk Sample
- U - Undisturbed Sample
- R - Root Sample
- W - Water Sample
- ES - Environmental Sample
- ▽ Water Strike
- ▼ Water Rise
- ▼c Level on completion
- MP - Mackintosh Probe
- P( ) - Hand Penetrometer Cohesion ( ) kPa
- V - Vane Shear Test Cohesion ( ) kPa

REMARKS
1. No roots observed
2. Pit dry
3. Pit sides stable

Project No 14691B

Scale 1:10

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Validation Photographs – East Garden

27th October 2021









Project : Westmere Barn, New Road, Sutton Bridge, Lincolnshire **Client :** Mr & Mrs Hoyles	**GROUND ENGINEERING LIMITED** Peterborough Tel : 01733 566566	**Project No.** **C14691B**

Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

Final Report

Report No.:	21-38181-1		
Initial Date of Issue:	08-Nov-2021		
Client	Ground Engineering Limited		
Client Address:	Newark Road Peterborough Cambridgeshire PE1 5UA		
Contact(s):	Simon Weatherley		
Project	SW/C14691B Westmere Barn, Sutton Bridge		
Quotation No.:		**Date Received:**	01-Nov-2021
Order No.:	SW/C14691B	**Date Instructed:**	02-Nov-2021
No. of Samples:	4		
Turnaround (Wkdays):	5	**Results Due:**	08-Nov-2021
Date Approved:	08-Nov-2021		
Approved By:			
Details:	Glynn Harvey, Technical Manager		

Results - Soil

Project: SW/C14691B Westmere Barn, Sutton Bridge

Client: Ground Engineering Limited		**Chemtest Job No.:**			21-38181	21-38181	21-38181	21-38181
Quotation No.:		**Chemtest Sample ID.:**			1310629	1310630	1310631	1310632
Order No.: SW/C14691B		Client Sample Ref.:			D1/ES1	D1/ES1	D1/ES1	D1/ES1
		Sample Location:			TP1	TP2	TP3	TP4
		Sample Type:			SOIL	SOIL	SOIL	SOIL
		Top Depth (m):			0.25	0.30	0.35	0.20
		Date Sampled:			27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021
		Asbestos Lab:			DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
pH	M	2010		4.0	8.2	8.0	8.4	8.1
Moisture	N	2030	%	0.020	15	17	16	17
Stones and Removed Materials	N	2030	%	0.020	< 0.020	< 0.020	< 0.020	< 0.020
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	1.1	1.5	0.83	1.1
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.017	0.060	0.029	0.031
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	1.9	2.1	2.7	3.2
Arsenic	M	2450	mg/kg	1.0	14	13	6.8	9.2
Cadmium	M	2450	mg/kg	0.10	< 0.10	0.10	< 0.10	0.12
Chromium	M	2450	mg/kg	1.0	19	19	9.8	14
Copper	M	2450	mg/kg	0.50	54	40	22	43
Mercury	M	2450	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Nickel	M	2450	mg/kg	0.50	13	12	3.8	7.5
Lead	M	2450	mg/kg	0.50	28	30	12	25
Selenium	M	2450	mg/kg	0.20	0.32	< 0.20	< 0.20	0.21
Zinc	M	2450	mg/kg	0.50	65	83	38	87
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	3.2	3.9	2.7	3.8
Acenaphthene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	M	2700	mg/kg	0.10	< 0.10	< 0.10	0.40	0.64
Fluorene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Naphthalene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Pyrene	M	2700	mg/kg	0.10	< 0.10	< 0.10	0.44	0.69
Total Of 16 PAH's	M	2700	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
ACM Type	U	2192		N/A	-	-	-	-

Results - Soil

Project: SW/C14691B Westmere Barn, Sutton Bridge

Client: Ground Engineering Limited			**Chemtest Job No.:**		21-38181	21-38181	21-38181	21-38181
Quotation No.:			**Chemtest Sample ID.:**		1310629	1310630	1310631	1310632
Order No.: SW/C14691B			Client Sample Ref.:		D1/ES1	D1/ES1	D1/ES1	D1/ES1
			Sample Location:		TP1	TP2	TP3	TP4
			Sample Type:		SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.25	0.30	0.35	0.20
			Date Sampled:		27-Oct-2021	27-Oct-2021	27-Oct-2021	27-Oct-2021
			Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**				
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones and Roots	Stones, Roots and Wood	Stones and Roots	Stones and Roots
Soil Texture	N	2040		N/A	Sand	Sand	Sand	Sand

Test Methods

SOP	Title	Parameters included	Method summary
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com