APPENDIX F

CGL exploratory hole records



SPT Hammer Energy Test Report

in accordance with BSEN ISO 22476-3:2005

Topdrill Ltd 7 Deeping Gate Stonebridge **Milton Keynes MK13 0DE**

Instrumented Rod Data

Diameter d _r (mm):	54
Wall Thickness t _r (mm):	7.0
Assumed Modulus E_a (GPa):	208
Accelerometer No.1:	9783
Accelerometer No.2:	9784

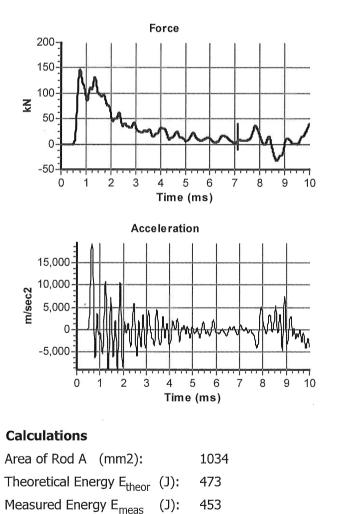
SPT Hammer Ref:	036
Test Date:	17/02/2017
Report Date:	23/02/2017
File Name:	036.spt
Test Operator:	AP

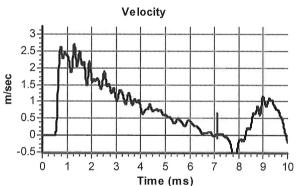
SPT Hammer Information

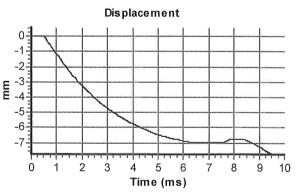
Hammer Mass	m (kg):	63.5
Falling Height	h (mm):	760
SPT String Leng	gth L (m):	18.0

Comments / Location

WS - LLAMR 036 Topdrill - Milton Keynes







Signed: Title:



The recommended calibration interval is 12 months

96

Energy Ratio E_r (%):

-

DYNAMIC PROBE LOG

Project	Albert Terr		0.4/5										PROBE No
ob No		Date	19-06-17	Grou	und Le		n) (Co-Ordina	ates (m)				WS1
CG/1 Client	L8876a		19-06-17		34	.00						Shee	t
	ogressive Pr	operty	y Managem	ent									1 of 1
Depth (m)	Readin (blows/10	igs 0mm)	5		agrar 0	n (N 1	100 Valı 5	ues) 20	25	30	Torque (Nm)		Remarks
8 9 10	4 4 5 6 7 7 8 9 9	³ 4 ⁵ 5 ⁸ 8 ⁹ 9 ¹² 12					-				40 40		
11											40 40 40 40 40 40 40 40 40 40 40		
12 13													
14													
Hamme	er Wt (kg)		63.5kg				eral Rei		at 7m be	low groun	d level.		
lamme	er Drop (mr	n)	750			2. Dy	namic pro	bing from	1 7m to 1	Om using	d level. DPSH (63.5kg))	
Cone Di	ia (mm)		50.8										
Cone Ty	/pe		DPSH										
Dampei													
ethod/ ant Usec	Lightwe modular	ight lin	nited access w sample rig			Field	Crew	Topdril			Logged By TJB		Checked By EJB

DYNAMIC PROBE LOG

Project												PROBE No
-	Albert Teri	ace M	ews									
Job No CG/1	18876a	Date	20-06-17 20-06-17	Grou	ind Lev 34	vel (m .00) C	o-Ordina	ates (m)			WS2
Client												Sheet
Pro	ogressive P	roperty	y Managemer	nt								1 of 1
Depth (m)	Readir (blows/10	ıgs Omm)	5	Dia 10		n (N1 15	.00 Valu	es) 20	25	30	Torque (Nm)	Remarks
8	3 3 5 5 6	5 5 5 6									40 40 40 40 40 40 40 40	
9	9	9 8 9 8									40 40 40 40 40 40 40 40	
10	11 12	¹² 12									40 40 40 40 40 40 40	
11											40 40 40 40 40	
12												
13												
14												
Hamme	er Wt (kg)		63.5kg		11-		eral Ren		at 7m hel	OW group	d level	
Hamme	er Drop (mr	n)	750			2. Dyr	namic prob	oing from	i 7m to 10	Om using [d level. DPSH (63.5kg))
Cone Di	ia (mm)		50.8									
Cone Ty	/pe		DPSH									
Dampe	r											
1ethod/ lant Used	Lightwe	ight lin	nited access w sample rig			ield C	Crew	Topdril			Logged By TJB	Checked By EJB

WINDOW SAMPLE LOG

Project										HOLE No
	lbert Te	errace	Me	WS						WS1
Job No		Dat	- 19	9-06-17		Ground Le		Co-Ordinates (m)		VVJI
CG/18	876a		19	9-06-17	7	34	4.00			
Client									Shee	
Prog	ressive	Prope	rty I	Manag	ement					1 of 1
SAMPLE	S & TE	STS	er.			,		STRATA		
Depth (m)	Type No	Test Result N/kPa/ppm)	Water	Reduced Level	Legend	Depth (m) (Thick- ness)		DESCRIPTION	I	Instrument
0.10	D1					0.10 0.35	Paving Slabs	IDNL		/
0.35-0.85	D2			33.65	' 🗱 🗱		Loose orange	brown very gravely sand. Gr	avel is fine to course	e, angular to
				33.15		(0.50) 0.85	[MADE GROU			
0.85-1.10	D3			33.15		€ 0.00 - - - - -	Soft to Firm	dark brown slightly sandy grav ar to sub-rounded brick, flint	elly clay. Gravel is f	ine to
1.00	SPT	N4				Į	(MADE GROU	JND]		/ :=
1.25	D11				× *	<u>}</u>	and silt. Roo	n brown closely fissured silty (clets present to 2m. Selinite cr	LAY with partings or ystals present on so	of fine sand
4 75	DIA					(1.65)	horizons.	LONDON CLAY FORMATION		
1.75	D12	NO				- ≯-				
2.00	SPT	N8				×				
2.25	D13			31.50		2.50	Firm to yor	ctiff light group motifed are	h brown closely f	
2 75							CLAY with pa	stiff light grey mottled orangis rtings of fine sand and silt. Da	ark grey 'veining' app	barent of
2.75 3.00	D14 SPT	N7					some horizor [WEATHEREI	ns. Selinite crystals frequent to D LONDON CLAY FORMATION	hroughout.]	
3.00 3.25	D15	1117			× ×	₹				
ر2.د	512					ž				
3.75	D16				× ×	¥				ine to
4.00	SPT	N8								
.	551	INO								
4.75	D17					(4.50)				
5.00	SPT	N9								
5.25	D18					‡				
	- 10				× ~ ~					
5.75	D19									
6.00	SPT	N10			× ×					
6.25	D20	-								
6.75	D21			27.00						
7.00	SPT	N11		27.00	<u> </u>	- 7.00 -		namic Probing to 10m)		
						E	(Window sa	mple terminated at 7m)		
						<u> </u>				
						E				
Boring Pro		and Wa	ater	Ohser	vation	s	General R	emarks		I
Date	itrike	Casing		mment	Time	Standing		Ferminated at 7m below grou	nd level	
	lepth	<u>depth</u>		r	neasured	Depth	2. Dynamic p 3. No Ground 4. Installation 0.5-6.0mbgl; 4. No visual o 5. D=Disturb 6. ES=Environ 7. N=Standar	robing from 7m to 10m using Jwater encountered during dr n details; 0.0 - 0.5mbgl: Plaine slotted pipe with gravel back or olfactory evidence of conta	DPSH (63.5kg) illing pipe with bentonite fill; 6.0-7.0mbgl; Ber	e backfill; ntonite backfill
Method/	Lighty	voight	imit	ed acce			Field Crew		Logged By	Checked By

WINDOW SAMPLE LOG

•										HOLE No
	lbert T			WS						WS2
Job No		Da	- 20	0-06-17	7	Ground Le		Co-Ordinates (m)		W32
CG/18	876a		20	0-06-17	7	34	4.00			
Client									Shee	
Prog	ressive	e Prope	erty l	Manag	ement					1 of 1
SAMPLE	ES & TE	STS	L.					STRATA		lent
Depth (m)	Type No	Test Result ^{(N/kPa/ppm}	Water	Reduce Level	Legend	Depth (m) (Thick- ness)		DESCRIPTIO	N	Instrument
				<u>33.97</u> 33.70		<u>+ 0.03</u> 0.30	Tile (MADE GRO	IDNI		/
					- <u> </u>	(0.40)	Yellowish bro	own slightly clayey sandy grav	vel. Gravel is fine to c	ourse /
				33.30		0.40)	angular to su	ıb-rounded brick, concréte ar JND]	na flint.	
							Soft to Firm	dark brown slightly sandy gra ar to sub-rounded brick, flint	velly clay. Gravel is fi	ne to
1.00	SPT	N4				1	(MADE GRO	JND]		/ : E
1.25	D28				× ×	5	silty CLAY wi	ng very stiff brownish orange th fine partings of sand and s	ilt. Rootlets frequent	issured above 2m.
							Selinite cryst	als present on some horizons D LONDON CLAY FORMATION	5.	
1.75	D29								۲.	issured above 2m.
2.00	SPT	N5								
2.25	D30									
2.75						x 1				
2.75	D31									
3.00	SPT	N7				1				
3.25	D32									
0.75										
3.75	D33					£ (6.30) ↓				
4.00	SPT	N9								
4.25	D34					5				
4.75	D35				<u> </u>					
5.00	SPT	N15				-				
5.25	D36	NID				- 				
5.25	050									
5.75	D37									
6.00	SPT	N11								
6.25	D38									
-					xx	×				
6.75	D39									
7.00	SPT	N13		27.00	<u> </u>	- 7.00		namic Probing to 10m		
							(Window sa	mple terminated at 7m)		
						-				
						Ē				
Boring Pro	Joracc	and W	l later	· Ohcor	vation	с	General R	emarks		
Date	Strike	Casing		mment	Time	Standing		Ferminated at 7m below grou	ind level	
	depth	<u>depth</u>		r r	neasured	Depth	2. Dynamic p 3. No Ground 4. 4. Installat 1.0-6.0mbgl; 4. No visual o 5. D=Disturb 6. ES=Enviro 7. N=Standal	robing from 7m to 10m using dwater encountered during d ion details; 0.0 - 1.0mbgl: Pla slotted pipe with gravel back or olfactory evidence of conta	g DPSH (63.5kg) rilling ine pipe with benton (fill; 6.0-7.0mbgl; Ben	ite backfill; tonite backfill
	I			I						

APPENDIX G

Groundwater and gas monitoring records



GAS MONITORING RECORD SHEET

JOB DETAILS									
Site:	20 Albert Terra	ice Mews				Job No:	CG-18876a		
Date:	10/07/2017					Engineer:	TJB		
Time:	16:00:00					Client	Progressive Pro	perty Managemer	1
r									
METEOROLO	GICAL & SITE IN	IFORMATION							
State of ground	d:	Dry	Х	Moist		Wet			
Wind:		Calm	Х	Light		Moderate		Strong	
Cloud cover:		None		Slight	Х	Cloudy		Overcast	
Precipitation:		None	х	Slight		Moderate		Heavy	
				-		-			
Barometric pre	essure (mb):	10	008	Local press	ure system*:		Air te	emperature (°C):	24
Well No.	Time (s)	Flow (l/hr)	dA (PA)	O ₂ (% vol. in air)	CO ₂ (% vol. in air)	CH₄ (% vol. in air)	PID (ppm)	Depth to Groundwater (mbgl)	Depth to base (mbgl)
	0	<0.1		20.2	0.4	0.0		5.04	5.84
	15	<0.1		20.0	1.4	0.0			
	30 45	<0.1 <0.1	ł	19.0 19.0	1.6 1.6	0.0	-	-	
	60	<0.1		19.0	1.6	0.0			
WS2	90	<0.1	1	19.0	1.6	0.0	1		1
	120	<0.1		19.0	1.6	0.0	1		İ
	150	<0.1		19.0	1.6	0.0			
	180	<0.1		19.0	1.6	0.0			
	240	<0.1		19.0	1.6	0.0			
	300	<0.1		19.0	1.6	0.0			
	0	0.1		21.1	0.8	0.0		DRY	6.22
	15	<0.1		20.4	0.4	0.0		Ditt	0.22
	30	<0.1		20.1	0.4	0.0			
	45	<0.1		20.1	0.5	0.0			
	60	<0.1		20.1	0.4	0.0			
WS1	90	<0.1		20.1	0.4	0.0			
	120	<0.1		20.1	0.4	0.0			
	150 180	<0.1 <0.1		20.1 20.1	0.4	0.0			
	240	<0.1		20.1	0.4	0.0			
	300	<0.1		20.1	0.4	0.0			
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	1	1	1	1	1	1	I		1

Notes:

The measurement of hydrogen sulphide and hydrocarbon free product is undertaken on a site specific basis, if deemed necessary. * With reference to the Weather Underground rolling weather archive for Cambridge weather station. NR= Not recorded



GROUNDWATER MONITORING RECORD SHEET

Stell 20 Abert Farnez Mews Job No: CC 18876a Date 10/07/007 Engineerre: TIB Time: 1600 Client Progressive Property Management Weather: Warn, Clear Client Progressive Property Management MONITORING & SAMPLING DETAILS Image: Client Progressive Property Management Monitoring details Image: Client Image: Client Image: Client Groundwate reference: WS2 WS1 Image: Client Image: Client Groundwate reference: WS2 WS1 Image: Client Image: Client Image: Client Groundwate reference: WS2 WS1 Image: Client Image: Client Image: Client Image: Client Groundwate reference: WS2 WS1 Image: Client Image: C	JOB DETAIL	S								
Time: 1500 Client Progressive Property Management Weather: Warm, Clear Progressive Property Management MONITORING & SAMPLING DETAILS Montaring details Ground elevation (*mOD) 34 34 Groundwater depth (mbg) 5.04 DBRY	Site:					Job No:				
Wearther: Warm, Clear MONITORING & SAMPLING DETAILS WS2 WS1 Image: Clear State Stat										
MONITORING & SAMPLING DETAILS Weil / Borehole reference: WS2 WS1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>Client</td><td>Progressive Prop</td><td>perty Managemer</td><td>nt</td><td></td></td<>						Client	Progressive Prop	perty Managemer	nt	
Well / Borehole reference: WS2 WS1 Image: Contract of the same	Weather:	Warm, Clear								
Well / Borehole reference: WS2 WS1 Image: Contract of the same										
Monitoring details Mode Mode <td>MONITORI</td> <td>NG & SAMPLING DETAILS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	MONITORI	NG & SAMPLING DETAILS								
Ground elevation (+mOD) 34 34 0 0 Groundwater depth (mbgl) 5.04 DRV 0 0 Groundwater elevation (+mOD) 28.96 0 0 0 Depth to base of well (mbgl) 5.84 6.22 0 0 0 Diameter of well (m) 0.05 0.05 0 0 0 Condition of well Good Good 0 0 0 0 Top of response zone (mbgl) 0.5 1 0	Well / Boreh	ole reference:	WS2	WS1						
Groundwater depth (mbgl) 5.64 DRY Image: Constraint of the second se	Monitoring a	details							-	
Groundwater elevation (+mOD) 28.96 Image: Control of the second	Ground eleva	ation (+mOD)	34	34						
Depth to base of well (mbgl) 5.84 6.22 Image: Condition of well Image: Condition of well			5.04	DRY						
Diameter of well (m) 0.05<	Groundwater	r elevation (+mOD)	28.96							
Condition of well Good Good Good Image: Condition of well Condition of well Condition of Good C			5.84	6.22						
Docod Dococod Docod Docod <			0.05	0.05						
Base of response zone (mbg!) 6 6 1 1 Free product thickness (m) 0	Condition of	well	Good	Good						
Free product thickness (m) 0			0.5	1						
Hydrocarbon sheen noted (Y/N) N <t< td=""><td></td><td></td><td>6</td><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>			6	6						
Purging details Purge method Not Purged Purged volume (litres) Image: Second S			0	0						
Purge method Not Purged Image: Constraint of the second seco	Hydrocarbon	sheen noted (Y/N)	Ν	Ν						
Purge method Not Purged Image: Constraint of the second seco										
Purged volume (litres) Output <	Purging deta	nils								
Recharge (good / poor) Image: Sampling details Sampling method Not sampled Image: Sample taken (litres) Image: Sample taken (litres) Volume of free product sample taken (litres) Image: Sample taken (litres) Image: Sample taken (litres) Image: Sample taken (litres) Colour / odours noted* Image: Sample taken (litres) Image: Sample taken (litres) Image: Sample taken (litres)	Purge metho	d	Not Purged							
Sampling details Sampling method Not sampled Image: Constraint of the sample sample sample taken (litres) Image: Constraint of the sample	Purged volun	ne (litres)								
Sampling method Not sampled Volume of water sample taken (litres) Image: Sample taken (litres) Volume of free product sample taken (litres) Image: Sample taken (litres) Colour / odours noted* Image: Sample taken (litres)	Recharge (go	ood / poor)								
Sampling method Not sampled Volume of water sample taken (litres) Image: Sample taken (litres) Volume of free product sample taken (litres) Image: Sample taken (litres) Colour / odours noted* Image: Sample taken (litres)										
Volume of water sample taken (litres) Volume of free product sample taken (litres) Colour / odours noted* In-situ measurements	Sampling de	tails								
Volume of free product sample taken (litres) Volume of free product sample taken (litres) Colour / odours noted* In-situ measurements	Sampling me	thod	Not sampled							
Colour / odours noted* In-situ measurements	Volume of wa	ater sample taken (litres)								
In-situ measurements	Volume of fre	ee product sample taken (litres)								
	Colour / odo	urs noted*								
pH	In-situ measu	urements								
	рН									
Temperature (°C)										
Dissolved oxygen (mg/l)	Dissolved oxy	ygen (mg/l)								
Redox potential (mV)	Redox potent	tial (mV)								
Electrical conductivity (µS/cm)	Electrical con	nductivity (µS/cm)								
Total dissolved solids (ppt)										
* Respiratory protective equipment to be worn if odours are noted during initial monitoring & on sites which are potentially contaminated	* Respiratory pr	rotective equipment to be worn if odours are	noted during initial mo	onitoring & on sites	which are potentially	contaminated				

NOTES

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APPENDIX H

Laboratory testing results



Thomas Bates Card Geotechnics Ltd 12 Melcombe Place Marylebone London NW1 6JJ



i2 Analytical Ltd. 7 Woodshots Meadow, Croxley Green Business Park, Watford, Herts, WD18 8YS

t: 01923 225404 f: 01923 237404 e: reception@i2analytical.com

e: thomasbates@cgl-uk.com

Analytical Report Number : 17-52515

Project / Site name:	20 Albert Terrace Mews	Samples received on:	23/06/2017
Your job number:	CGL-18876A	Samples instructed on:	23/06/2017
Your order number:		Analysis completed by:	03/07/2017
Report Issue Number:	1	Report issued on:	03/07/2017
Samples Analysed:	6 soil samples		

Signed:

Rexona Rahman Reporting Manager For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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Analytical Report Number: 17-52515

Project / Site name: 20 Albert Terrace Mews

Lab Sample Number				772058	772059	772060	772061	772062
Sample Reference				WS1	WS2	WS2	WS1	WS1
Sample Number				ES3	ES6	ES7	None Supplied	None Supplied
Depth (m)				0.70	0.60	1.00	2.75	6.75
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	22	8.9	16	18	17
Total mass of sample received	kg	0.001	NONE	1.4	1.6	0.83	1.3	1.4

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.6	8.3	7.8	7.7	7.7
Total Sulphate as SO ₄	mg/kg	50	MCERTS	830	-	3600	-	-
Water Soluble SO4 as SO4 (2:1) Gallery 16h extraction	g/l	0.00125	MCERTS	0.114	0.289	1.65	3.23	1.06
Total Sulphur	mg/kg	50	MCERTS	470	-	1200	-	-





Analytical Report Number: 17-52515

Project / Site name: 20 Albert Terrace Mews

Lab Sample Number				772063			
Sample Reference				WS2			
Sample Number				None Supplied			
Depth (m)	Depth (m)						
Date Sampled		Deviating					
Time Taken		None Supplied					
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
Stone Content	%	0.1	NONE	< 0.1			
Moisture Content	%	N/A	NONE	18			
Total mass of sample received	kg	0.001	NONE	0.50			

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.6		
Total Sulphate as SO ₄	mg/kg	50	MCERTS	-		
Water Soluble SO4 as SO4 (2:1) Gallery 16h extraction	g/l	0.00125	MCERTS	3.18		
Total Sulphur	mg/kg	50	MCERTS	-		





Analytical Report Number : 17-52515

Project / Site name: 20 Albert Terrace Mews

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
772058	WS1	ES3	0.70	Brown clay and sand with gravel.
772059	WS2	ES6	0.60	Brown clay and sand with gravel and brick.
772060	WS2	ES7	1.00	Brown clay.
772061	WS1	None Supplied	2.75	Brown clay.
772062	WS1	None Supplied	6.75	Brown clay.
772063	WS2	None Supplied	3.25	Light brown clay.





Analytical Report Number : 17-52515

Project / Site name: 20 Albert Terrace Mews

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Water (PrW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status	
Moisture Content	Moisture content, determined gravimetrically.	In-house method based on BS1377 Part 2, 1990, Chemical and Electrochemical Tests	L019-UK/PL	W	NONE	
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L099-PL	D	MCERTS	
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE	
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP- OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests, 2:1 water:soil extraction, analysis by ICP- OES.	L038-PL	D	MCERTS	
Sulphate, water soluble, in soil by Gallery 16hr	Determination of water soluble Sulphate by discrete analyser (precipitation method).	In house method based on BS1377-3: 1990.	L082B-PL	D	MCERTS	
Total sulphate (as SO4 in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L038-PL	D	MCERTS	
Total Sulphur in soil	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES.	In-house method based on BS1377 Part 3, 1990, and MEWAM 2006 Methods for the Determination of Metals in Soil	L038-PL	D	MCERTS	

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.



Sample ID	Other_ID	Sample Type	Job	Sample Number	Sample Deviation Code	test_name	test_ref	Test Deviation code
WS1		S	17-52515	772061	a			
WS1		S	17-52515	772062	a			
WS1	ES3	S	17-52515	772058	a			
WS2		S	17-52515	772063	a			
WS2	ES6	S	17-52515	772059	a			
WS2	ES7	S	17-52515	772060	a			

SUMMARY OF GEOTECHNICAL TESTING

	Sample details					Class	assification Tests			Densi	Density Tests		d Triaxial Co	mpression	CI	nemical Te	sts	
Borehole / Trial Pit	Sample Ref	Depth (m)	Туре	Description	WC (%)	LL (%)	PL (%)	PI (%)	<425 μm (%)	Bulk Mg/m³	Dry Mg/m³	Cell Pressure kPa	Deviator Stress kPa	Shear Stress kPa	рН	2:1 W/S SO4 (g/L)	W/S Mg (mg/L)	Other tests and comments
WS1		0.35-0.85	D	Multicoloured gravelly SAND.			NP		18									
WS1		1.75	D	Yellow brown and brown CLAY.	31.3													
WS2		1.75	D	Yellow brown CLAY with rare gypsum.	31.6													
WS2		3.75	D	Yellow brown and grey CLAY with rare gypsum.		80	29	51	99									
WS2		5.75	D	Brown CLAY with rare gypsum.	31.0													

col	Project Number: GEO / 26103 Project Name:	
S Burke - Senior Technician 28/06/2017	20 ALBERT TERRACE MEWS CGL/18876a	

Test Report By GEOLABS Limited Bucknalls Lane, Garston, Watford, Hertfordshire, WD25 9XX

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