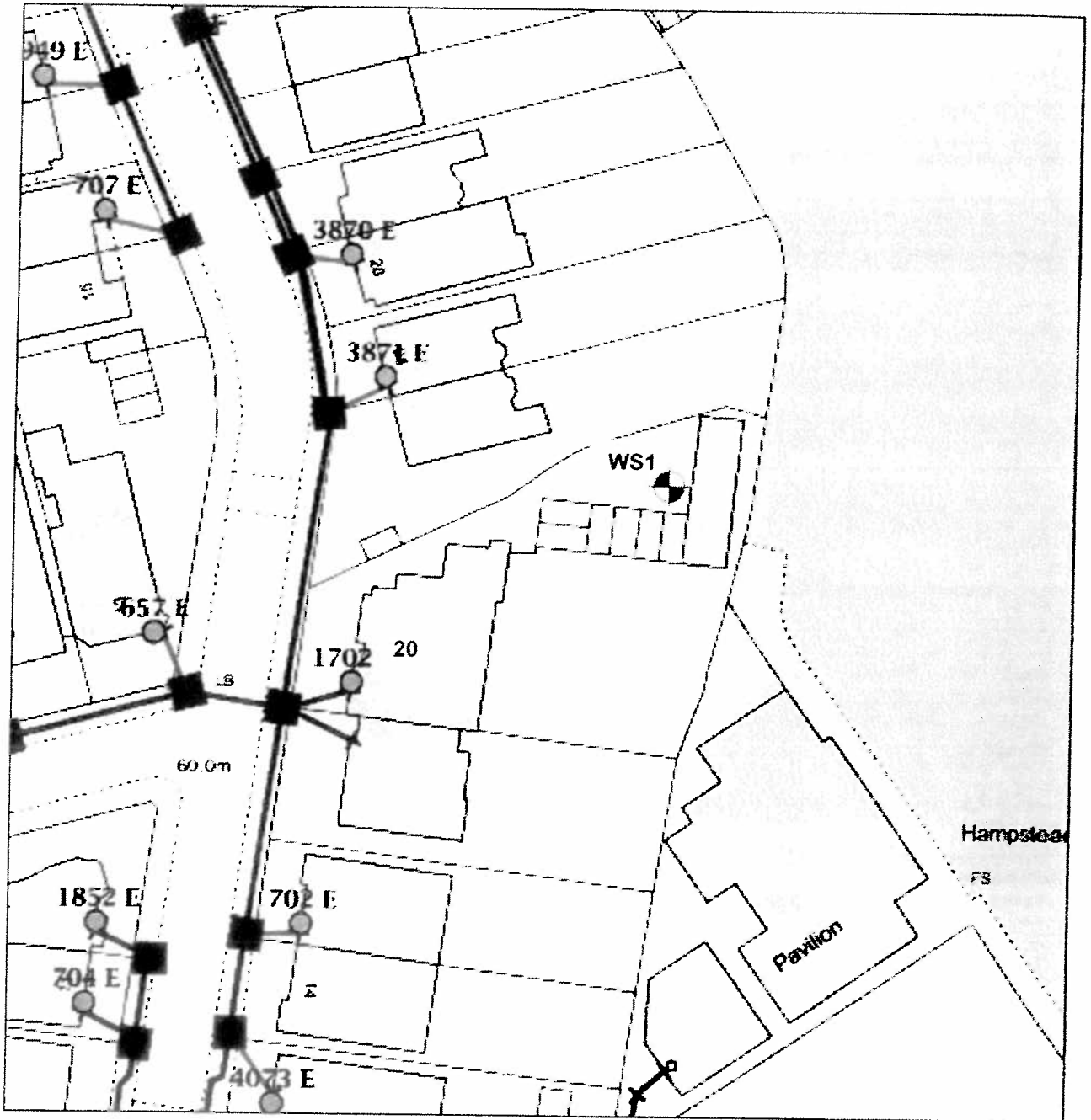


Appendix 2 Site Investigation Data

Exploratory Hole Location Plan

Based on BT plan. With the permission of the Controller of Her Majesty's Stationery Office © Crown Copyright
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Not To Scale



Project : 20 Crediton Hill, London NW6

Client : PM & A Architects & Engineers

**GROUND
ENGINEERING
LIMITED**

Peterborough Tel. 01733 566566

Project No.
C13941

GROUND ENGINEERING

L I M I T E D
Tel: 01733-566566
www.groundengineering.co.uk

Site: 20 CREDITON HILL, LONDON NW6

WINDOW SAMPLE
WS1

Date: 13/09/16

Hole Size: 101mm dia to 2.00m
87mm dia to 3.00m
57mm dia to 10.00m

Ground Level:

Samples and in-situ Tests			(Date)	Inst.	Description of Strata	Legend	Depth m	O.D. Level m
Depth m	Type	Result	Water					
0.30	D1				MADE GROUND - ASPHALT.		0.05	
0.60	D2				MADE GROUND - CONCRETE.		0.15	
0.90	D3				MADE GROUND - Brown, dark brown and black, clayey SAND AND GRAVEL. Gravel is angular and sub-angular ash, clinker, concrete and brick fragments.		0.40	
1.10	D4				MADE GROUND - Firm, brown, slightly sandy, slightly gravelly CLAY. Gravel is angular and sub-angular flint, ash and brick fragments.		0.80	
1.20	D5				MADE GROUND - Soft, dark brown and black, sandy, gravelly CLAY. Gravel is angular to rounded chalk, ash and brick fragments.		1.20	
1.20-2.00	U1	N8			MADE GROUND - Firm, brown, orange brown and light grey, sandy, gravelly CLAY. Gravel is angular to rounded chalk, ash and brick fragments.		1.40	
1.35-1.65	S				MADE GROUND - Dark brown, clayey SAND AND GRAVEL. Gravel is angular to sub-rounded chalk, ash, clinker, glazed pottery and brick fragments.		1.75	
1.95	U1A				Firm, becoming stiff, fissured to firm, brown, orange brown and light grey, silty CLAY with occasional selenite crystals below 2.70m depth.			
2.00	D6							
2.00-3.00	U2	(74)						
1.95	V1							
2.15-2.45	S	N8						
2.50-2.70	U2A							
2.90-3.00	U2B							
3.00	D7							
3.00-4.00	U3	(61)						
2.95	V2							
3.15-3.45	S	N11						
3.50-3.70	U3A							
3.90-4.00	U3B							
4.00	D8							
4.00-5.00	U4	N10						
4.15-4.45	S							
4.50-4.70	U4A							
4.90	U4B							
5.00	D9							
5.00-6.00	U5	N14						
5.15-5.45	S							
5.80-5.90	U5A							
6.00	D10							
6.00-7.00	U6	N17						
6.15-6.45	S							
6.95	V3	(120)			Weak dark brown calcareous mudstone layer at 7.00m depth and orange brown silt partings below 8.00m depth.			
7.00	D11							
7.00-8.00	U7							
7.15-7.45	S	N54						
7.95	V4	(124)						
8.00	D12							
8.00-9.00	U8							
8.15-8.45	S	N19						
8.80	V5	(80)						
9.00	D13							
9.00-10.00	U9							
9.15-9.45	S	N23						
9.95	V6	(130)						

REMARKS

Borehole completed at 10.00m depth

1. Starter pit excavated from 0.00m to 1.20m depth
2. Live roots observed to 2.00m depth
3. Gas monitoring standpipe installed to 8.00m depth

Project No
13941

Scale 1:50
Page 1/1

KEY

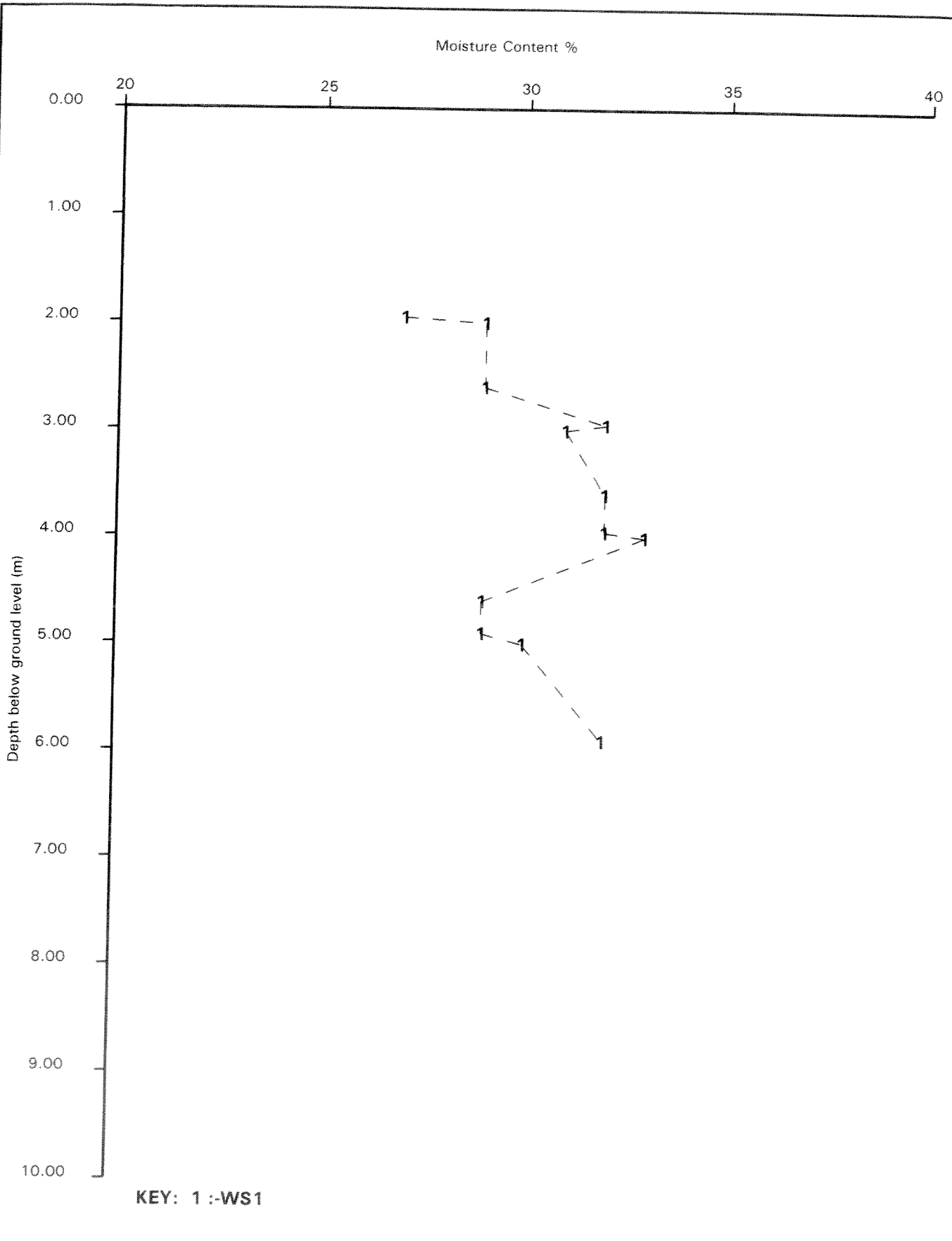
D - Disturbed Sample ES - Environmental Sample
B - Bulk Sample M - Mackintosh Probe
U - Undisturbed Sample V - Vane Shear Test
W - Water Sample Cohesion () kPa
∇ Water Strike P () - Hand Penetrometer
∇ Depth to Water Cohesion () kPa
on completion ∇s Standpipe Level

Groundwater Strikes

No	Depth m			Cased	Sealed
	Struck	Rose to	Rate		
1	7.20		seepage		

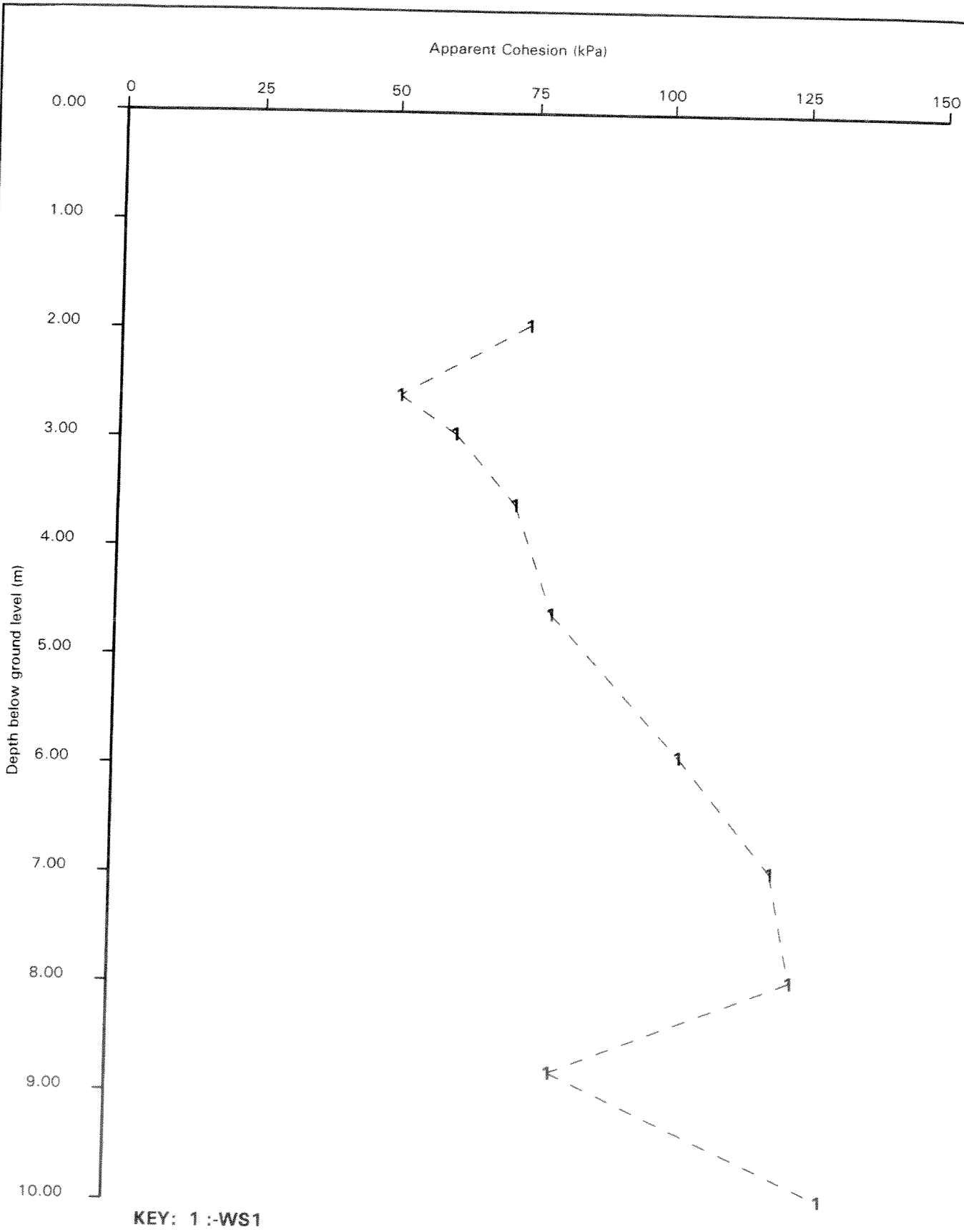
Groundwater Observations

Date	Depth m		
	Hole	Casing	Water
13/09/16	10.00		10.30



Moisture Content % vs Depth below ground level (m).

SITE		20 CREDITON HILL, LONDON NW6	
CLIENT		PM & A ARCHITECTS & ENGINEERS	Contract Number 13941
GROUND ENGINEERING L I M I T E D		Tel: 01733-566566 www.groundengineering.co.uk	Date 11/10/16 Figure 1



Apparent Cohesion (kPa) vs Depth below ground level (m).

SITE		20 CREDITON HILL, LONDON NW6	
CLIENT		PM & A ARCHITECTS & ENGINEERS	Contract Number 13941
GROUND ENGINEERING LIMITED		Tel: 01 733-566566 www.groundengineering.co.uk	Date 11/10/16
			Figure 2



2183

Final Report

Chemtest
The right chemistry to deliver results

Chemtest Ltd.
Depot Road
Newmarket
CB8 0AL

Tel: 01638 606070

Email: info@chemtest.co.uk

Report No.: 16-22692-1

Initial Date of Issue: 27-Sep-2016

Client: Ground Engineering Limited

Client Address: Newark Road
Peterborough
Cambridgeshire
PE1 5UA

Contact(s): Simon Weatherley

Project: SW/C13941 20 Credition Hill, London
NW6

Quotation No.: **Date Received:** 21-Sep-2016

Order No.: SW/C13941 **Date Instructed:** 21-Sep-2016

No. of Samples: 2

Turnaround (Wkdays): 5 **Results Due:** 27-Sep-2016

Date Approved: 27-Sep-2016

Approved By:

Details: Robert Monk, Technical Development
Chemist



The right chemistry to deliver results
 Project: SW/C13941 20 Creadition Hill, London NW6

Results - Soil

Client: Ground Engineering Limited		Chemtest Job No.: 16-22692	16-22692
Quotation No.:		Chemtest Sample ID.: 353972	353973
Order No.: SW/C13941		Client Sample Ref.:	WS1
		Client Sample ID.:	D9
		Sample Type:	SOIL
		Top Depth (m):	5.00
		Bottom Depth (m):	4.00
		Date Sampled:	13-Sep-2016
		Date Sampled:	13-Sep-2016
Determinand	Accred.	SOE	Units
Moisture	N	2030	%
Sulphate (Total)	U	2430	%
Total Sulphur	U	2175	%
			0.033
			0.96

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"

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 our Coventry 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

Sample Retention and Disposal

All soil samples will be retained for a period of 45 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.co.uk