

SITE INVESTIGATION **FACTUAL REPORT**

Report No: 495935

Client:

Site: Flat A. 53 Oakley Square

Client Ref:

Date of Visit: 23/03/18





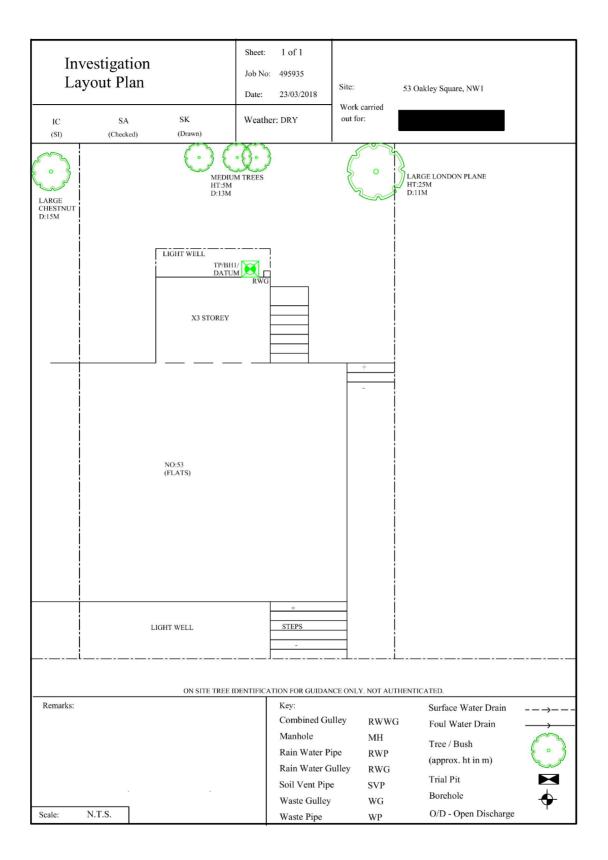














TEST REPORT: Trial Pit

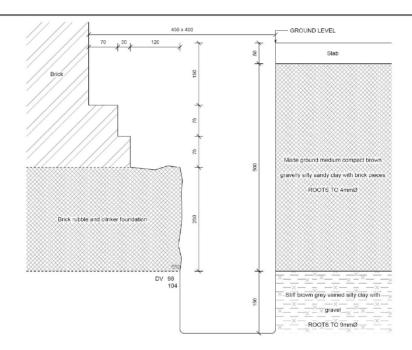
REPORT NUMBER: C350986 / 892.1.1.1

 TRIAL PIT REF:
 Tp1 1of1
 DATE:
 23/03/2018

CLIENT: SITE: Flat A. 53 Oakley Square,NW1 1NJ

JOB NO: 495935 WEATHER: Clear

EXCAVATION METHOD: Hand tools



For Strata below 700mm see Bore Hole log

Key:

D Small disturbed sample J Jar sample
B Bulk disturbed sample V Pilcon vane (kPa)
W Water sample M Mackintosh probe

TDTD Too dense to drive

Remarks: For and on behalf of CET Scott Alger - Lab

Report Format:



Approved Signatory 26-Mar-18

CET is the trading name for CET Structures Limited. Registered in England No. 02527130

Report version 1 Page 1 of 1

					S	heet:	1 of 1	Site:	Flat A. 53 (Dakley Sq	uare		
	Boreł	nole	1			ob No: Date:	495935 23/03/2018						
Boring N		Hand Auger		Titol	0	Fround Level:		Client:					
Diamete	r (mm):	75	Weather:	dry									
Depth				Soil De	escription							ples and	_
(m)									Thickness	Legend	Depth	Туре	Result
0.00	See Trial	Pit							0.70				
0.70	Stiff bro	wn-grey veine	ed silty CLAY	with gravel					0.50	*×			
										*×			
										*×			
										*×	1.00	DV	104
										*×			110
1.20	Stiff bro	wn-grey veine	ed silty CLAY	with claystone	e nodules				0.80	××			
									1	××			
									1	*×		0.0000	
										××	1.50	DV	116
										××			122
										*×			
										<u>*</u> ×			
										*×			
2.00	Very Stif	f brown-grey	veined silty	CLAY with clay	stone nodule	S			3.00	*×	2.00	DV	140+
										<u>*</u> ×			140+
										*×			
										<u>*</u> ×			
										<u>*</u> ×		0.00	
										<u>*</u> ×	2.50	DV	140+
										<u>*</u> ×			140+
										<u>*</u> ×			
										*×			
										*×		1900.00	
										*×	3.00	DV	140+
										*×			140+
										*×			
										*×			
										<u>*</u> ×			
										*×	3.50	DV	140+
										*×			140+
										<u>*</u> ×			
										×			-
										<u>*</u> ×	4.00	DV	140
										<u>*</u> ×	4.00	DV	140+
									1	×	-		140+
										×			
										×			
										^-×	4.50	DV	140+
										<u>×</u> – ×	4.50	- JV	140+
										<u>~ ×</u>	—		1401
										<u>~ ×</u>	5.00	DV	140+
5.00				Fnc	d of BH					^—×	5.00	-	140+
Remarks				Liic			Кеу:					To	Max
		H dry and one	n on complet	ion, no roots ob:	served below		D - Disturbed Sa	amnle				Depth	
	at 5.0m.	, opc	5 piet	.,			B - Bulk Sample					(m)	(mm)
							W - Water Sample		Roots			1.50	5
							J - Jar Sample	Pic	Roots			2.50	FIBROU
							V - Pilcon Shear	Vane (kg				2.50	· ibiloo
							M - Mackintosh		Depth to V	Vater (m)			
								111000	Deptil to V	valci (III)		1	i .
							TDTD - Too Den						

Laboratory Summary Results

23/03/18 Our Ref: Date Sampled:

Flat A. 53 Oakley Square, London 26/03/18 Location: Date Received: 27/03/18 Client: Date Tested: 4 North Court, South Park Business Village, Armstrong Road, ME15 6JZ Address: Date of Report : 11/04/18

	ample Ref		Moisture	Soil	Liquid	Plastic	Plasticity	Liquidity *	Modified *		Filter Paper	Soil	Oedometer	Estimated	In situ *	Organie *	pH *	Sulphate		*
TP/BH	Depth	Type	Content	Fraction	Limit	Limit	Index	Index	Plasticity	Class	Contact	Sample	Strain	Heave	Shear Vane	Content	Value	(g		Class
No	(m)		2015 111	> 0.425mm	(0() (3)	101111	(0/) (07		Index		Time	Suction		Potential (Dd)	Strength	(4/3//47		so ₃	804	
			(%) fI]	(%) [2]	(%)[3]	(%)[4]	(%)/5/	[5]	(%)[6]	[7]	(h)	(kPa) [8]	[9]	(mm)[10]	(kPa) [11]	(%)/12/	[13]	[14]	[15]	[16
																				ı
1	U/S 0.55	D	23	32	68	28	40	-0.13	27	CH	168	68.5			101					ı
-			1	10000000	05.50	(00.0)	15.00	383.533	1	0.000	(10,000)	10,0101			10.00					ı
	1.0	D	31	<5										l	107					ı
		n	2.5			2.4		0.00		CITT	1.00	21.5			110					ı
	1.5	D	25	<5	65	24	41	0.02	41	CH	168	215		l	119					ı
	2.0	D	28	<5										l	> 140					ı
	2.0		20	~										l	110					ı
	2.5	D	32	<5	67	28	39	0.09	39	CH	168	155			> 140					ı
																				ı
	3.0	D	31	<5										l	> 140					ı
	3.5	D	30	<5	72	28	44	0.05	44	CV	168	198		l	> 140					ı
	5.5		50	~	/-	20		0.03		٠,	100	170			- 110					ı
	4.0	D	29	<5										l	> 140					ı
	00.00	600000	10000	200							10000000	0.000			9000000					ı
	4.5	D	31	<5							168	238			> 140					ı
	5.0	D	33	<5							168	95.0		l	> 140					ı
	5.0	ъ	55	~							100	75.0			- 140					ı
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- Test Methods / Notes

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- 173. In boson mathed SNn adapted from INEE (IP-4-9)
 Ply To-bours Teel Procedure STic One Dimensional Swell-Strain Teel
 179 To-bours Order Operated (DA)
 1711 Values of shoar strength wave determined in size by CET using
 a Pittern band value or Glemon variety (GV),
 1721 INS 1777 Fars 1 1990, Teel No. 1
 1731 INS 1777 Fars 1 1990, Teel No. 1
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Version: 5BH V1.4 - 11/05/15



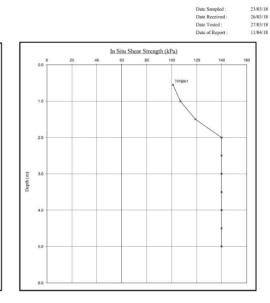
CET Structures Ltd -

Moisture Content Profiles

Shear Strength Profiles

Our Ref: 495935 Location: Flat A. 53 Oakley Square, London Work carried out for:

Soil Moisture Content (%) TP/BH1



Note

1. Unless otherwise stated, values of Shear Strength were determined in situ by
CET using a Pikon Hand Vane the calibration of which is limited to
a maximum reading of 140 kPa.

2. Unless specifically noted the profiles have not been related to a site datum.

Notes

1. If Polond, 0.4 LL and PL-2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated city) as dullow depths.

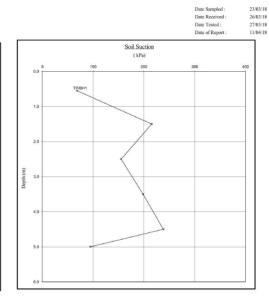
2. Unless specifically noted the profiles have not been related to a site dature.

Moisture Content Profiles

Soil Suction Profiles

Our Ref : 495935 Location : Flat A. 53 Oakley Square, London Work carried out for:

Soil Moisture Content (%)



- Notes

 1. If plantsd, 0.4 LL and PL-2 (after Driccoll, 1983) should only be applied to London Clay (and similarly overconsolidated clay) at shallow depths.

 2. Lelloes specifically noted the profiles have not been related to a site datum.

	Sheet:	1 of 1	
EPSL European Plant Science Laboratory	Job No: Date: Order No:	495935 28/03/2018 1129490	Site: 53 Oakley Square, Work carried out for:
	EPSL Ref:	R21961	

Certificate of Analysis

The following work was commissioned by CET on behalf of their client. Root samples were obtained in sealed packets from the above site with no reference given as to the types of tree or shrub from which they may have originated.

The results were as follows -

Trial pit/ Borehole <u>number</u>	Root diameter (<u>mm</u>)	Tree, shrub or climber from which root originates	Result of <u>starch test</u>
TP1 (USF)	6 mm	Platanus spp. 2 roots	Positive
BH1 (1.5m)	4 mm	Platanus spp. 3 roots	Positive

Platanus spp. include London plane and Oriental plane.



Head of Laboratory Services: M D Mitchell B.Sc. (Hons), M.Phil.
Plant Anatomist: Dr G S Turner B.Sc. (Hons), M.Sc., Ph.D
Plant Anatomist: Dr R J Shaw B.Sc. (Hons), Ph.D
Consultant: Dr M P Denne B.Sc. (Hons), M.Sc., Ph.D