



CET Structures Ltd. Northdown House Ashford Road HARRIETSHAM, Maidstone Kent ME17 1QW

Dr Ian B K Richardson BSc, PhD, CBiol, MiBiol, MiHort, FLS James Richardson BSc (Hons. Biology)

Enterprise House 49-51 Whiteknights Road Reading RG6 7BB

Tel: (0118) 986 9552 (Direct line) E-mail: richardsons@botanical.net Web: www.botanical.net

Your ref:	J Connaughton
Our ref:	73/3515

07/03/2014

Dear Sirs

24 Park Village East

The samples you sent in relation to the above on 25/02/2014 (received by us on 03/03/2014) have been examined. The structure was referable as follows:

BH01, 0.9m

1 root: PLATANUS (Plane). 3 further samples, not examined in detail appeared similar under low magnification.

1 root: FRAXINUS (Ash). A further sample, not examined in detail appeared similar under low magnification.

BH02, 1.0m

1 root: the family LEGUMINOSAE (a group of closely related trees: Robinia (False Acacia), Laburnum, Sophora (Pagoda tree), Gleditsia (Honey Locust), Cercis (Judas tree/Redbud), Albizia (Silk tree), Acacia (Mimosa), as well as such shrubs as Wisteria, Gorse and Brooms). 2 further roots, not examined in detail appeared similar under low magnification.

1 root: FRAXINUS (Ash). 4 further roots, not examined in detail appeared similar under low magnification.

I trust this is of help. Please call us if you have any queries; our Invoice is enclosed.

Yours faithfully

Dr Ian B K Richardson

* * Try out our web site on <u>www.botanical.net</u> * *

Identified with no information on vegetation, on or off site.

Client: Mi	chae	el Che	ster a	& Par	iners			Hole D	iameter		BOREH	-		
Method:	Cab	ole Per	cuss	ion				Casing) Dia. (m	150 to 2.50m m):	NUMBI BH0			
Date Start	ted: (03/02/	14	Co-c	ordinate	Ref. No: 146100	Sheet 1	-						
Backfill/W	Vell	Water		Sampl	es	In Si	tu Tests	Reduced	Depth &		_			
Depth Leg (m)	gend	Depth (m)		pth n)	Туре	Туре	Results	Level (mAOD)	(<i>Thickness</i>) (m)	Description of Strata		Legend		
			-		-	-			(0.25) 0.25	Gravel driveway over compacted granular roadstone material - Driller's Description.				
			- 0.50		D -	- - -			(0.95)	Firm, brown, slightly gravelly, slightly fine to coarse sandy CLAY with rare pockets/ lenses of light brown clay. Gravel is sub-angular to rounded, fine to coarse flir				
-			-1.00 - 1.20 -	1.65	D	- - -	U = 40			chert, brick, tile and mortar. (Made Ground)				
			- 1.70		- - D				(0.65)	Firm, light brown, CLAY (Reworked London Clay Formation?)				
			- -2.00 - 1	2.45	D	s	N = 12		1.85	Stiff, light brown CLAY with traces of selenite of fine sand size.				
			- 2.50		- - D				(0.65) - - - 2,500 - 2,60 -	an quile -				
	-3.00 - 3.10 U U = 10								2.60 ⁰ - - (0.45) -	CLAYSTONE recoverd as yellow brown, a and sub-angular, fine to coarse gravel size fragments with some yellow brown silt and	e ,			
			-3.00 - 3.00 - 3.00 - 3.00 - 4		U		U = 100		3.05 (0.25) 3.30	occasional pockets/ lenses of stiff brown clay.				
			-		-				Stiff, light brown CLAY with traces of selenite of fine sand size.					
- -			-4.00 - ·	4.45	D -	s	N = 21		(1.20) - - - -	(Reworked London Clay Formation?) CLAYSTONE recoverd as yellow brown, a and sub-angular, fine to coarse gravel siz	e			
			4.50		D				4.50 -	fragments with some yellow brown silt and occasional pockets/ lenses of stiff brown clay.				
- -			- -5.00 - : - -	5.45	U -	+ - -	U = 65		-	(Reworked London Clay Formation?) Very stiff, brown CLAY with rare medium gravel size pocket of orange brown mudst	one			
			- 5.50		D				-	with selenite up to medium sand size. (Weathered London Clay Formation)				
-			- 6.00 - I	6.45	D -	s	N = 28			Stiff becoming very stiff from 7.5m, brown CLAY with some selenite up to fine grave size. Medium gravel size pocket of claysto observed in SPT sample at 6.0-6.45m.				
			- 6.50		D -					Sub-rounded, fine gravel size pyrite obser in sample at 9.5m. (London Clay Formation)	ved			
-			-7.00 - 1	7.45	U		U = 80							
			- 7.50		D	+ + +			(6.50)					
-			-8.00 - 1	8.45	D	s	N = 29							
			- 8.50		D -				-					
-	9.00 - 9.45 U = 90						U = 90							
9.50 D									-					
General Remarks: 1. Hole remained dry and stable whilst open. 2. Chiselling techniques used for 30min to advance borhole from 3. Roots and rootlets observed to 2.45m below ground level and the														
	1										INFRAST	RUCTUR		
Driller:					В			Scale1:	50	CRD	Giving ou			
Logged: JAC See Key She								or explanati	on of symbo		0			
Checked: 24 F								ark Vi	llage	East	FIG A1			

Client: Mic	nael Che	ster & Par	tners			Hole D	iameter	150 to 20.00m (mm):		BOREHO	DLE
Method: C	able Pe	rcussion				Casing	Dia. (m	150 to 2.50m m):		NUMBE	
Date Starte			ordinate	E		Ground		, Ref. No: 146100		BH0' Sheet 2 d	
				N	tu Taata	(m A				Oneet 2 (
Backfill/We	II Water				itu Tests Results	1	Depth & (Thickness)	Description of	Strata		Legend
(m)	(m)	(m)			N = 30	(mAOD)	(m)				Legena
		- 10.00 - 10.45	D	S	N = 30		-	Stiff becoming very stiff from 7 CLAY with some selenite up to	fine grave		
		- 10.50	D				-	size. Medium gravel size pocke observed in SPT sample at 6.0 Sub-rounded, fine gravel size p	6.45m.		
		- 	U -	+	U = 90			in sample at 9.5m.	-		
		-	_	+ + +			-	Very stiff becoming hard at 14. with traces of selenite to fine sa	and size,		
		11.50	D				-	medium gravel size pockets of 14.5m and rare sub-rounded co pyrite at 18.5m.	claystone a barse grave	at el size	
		- 	D -	- - s n	N = 36		-	(London Clay Formation)			
		-					-				
		12.50	D				-				
		- - -13.00 - 13.45	U -	+	U = 100		-				
		-									
		13.50	D				-				
		- - -14.00 - 14.45	D -	- - s n	N = 36		-				
		-					-				
		- 14.50	D				-				
		- - -15.00 - 15.45	U -	+ + +	U = 100		-				
		- -					-				
		- 15.50	D	+			- - (9.45)				
-		- 	D -	+ -s ∩	N = 38						
		- -					-				
		- 16.50	D	+			-				
		- -17.00 - 17.45	U -		U = 100		-				177
		- -					-				
		- 17.50 -	D	+ + +			-				
		- 18.00 - 18.45	D -	s I	N = 40		-				
		n n	_				-				
		- 18.50	D				-				
-		- 19.00 - 19.45	U -	+	U = 100						
		- - - 19.50	D				-				
		-					-				
- General Rem	arks:	-		<u>†</u>			-	Continued on nex	t sheet		
								T			
Driller:	IP	-	В	OF	REHC			CORD	7	Giving our	
Logged: Checked:	JAC			Se	Scale1:50 ve Key Sheet for explanation of symbols, etc.						
Checked: Appr'd:	a	-			24 Pa	ark Vi	llage	East		FIG A1	
		1									

Client:	Micha	el Che	ster & Par	iners			Hole D	ameter	(mm):) to 20.00m	BOREHO	
Metho	d: Cal	ble Per	cussion				Casing	Dia. (m	150 nm):) to 2.50m		
Date S	started:	03/02/	14 Co-c	ordinate	es E		Ground			Ref. No: 146100	BH0 ² Sheet 3 d	
Backf	ill/Well	Water	Sampl		N	tu Tests	(m A Reduced					
	Legend	Depth	Depth	Туре	Туре	Results		& (Thickness)		Description of Strata		Legend
(m) [(m)	(m) 20.00 - 20.45	D .	S	N = 41	(mAOD)	(m)	Very stiff b	becoming hard at 14.0m, grey	CLAY	2-2-2-
20.45			-	-				20.45	medium a	s of selenite to fine sand size, ravel size pockets of claystone d rare sub-rounded coarse grav	at /el size	
-			- - -	-				-	pyrite at 1	8.5m. End of Borehole at 20.45 m		
				-	-							
-			- -		-			-				
- - -			n n					-				
-			-		+			-				
-			-		+			-				
n n			- - -	- - -	-			-				
-			-		+			-				
-			-		-			-				
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Genera	l Remark	ks:	[·	Γ			-]			
		IP		D					חםרי		INFRAST	
Driller: IP BOREH(Logged: JAC See Key Sheet							Scale1:	50			Giving our	all
Check	ed: 🗂	K			00		ark Vil				FIG A1	
Appr'c	:	a						5-	-			

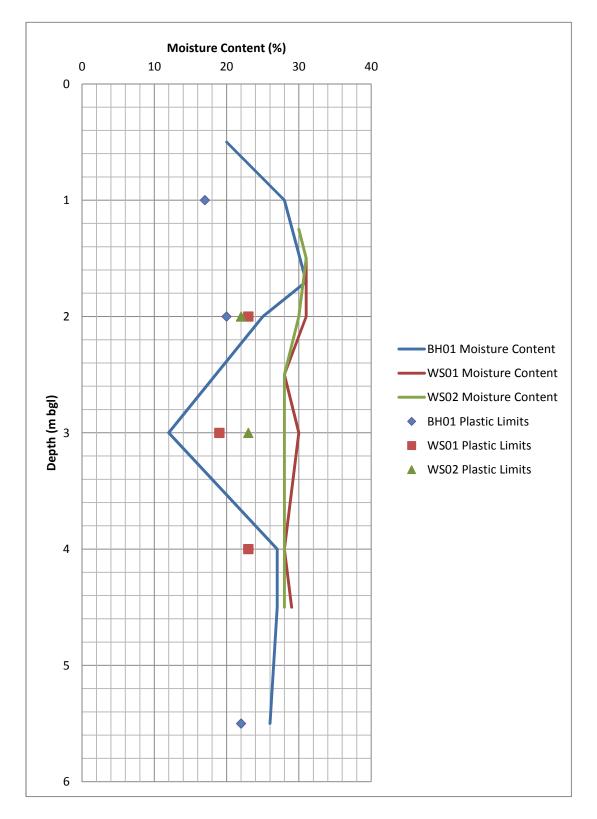
Client: Mic	chael C	Chester	& Par	tners		Hole D	Diamete	er (mm):	BOREH	
Method:	Window	w Samp	ler			9	5 tape	ering with depth to 6.00m	NUMB	
Date: 04/0	02/14		Co-	ordinat	es N	Ground (m A	d Level (OD)	Ref. No: 146100	Sheet 1 of	
Backfill/W	/ell Wa	ater	Samp	les	In Situ Tests	Reduced	Depth			
	end De (n		epth m)	Туре	Results	Level (m AOD)	(Thickness) (m)	Description of Strata		Legend
(m)			<u>m)</u>	D D D D D D D D D D D D D D D D D D D	$pp = 3.5 \\ pp = 3.8 \\ pp = 3.8 \\ pp = 4.2 \\ pp = 4.0 \\ pp = 3.0 \\ pp = 4.2 \\ pp = 3.7 \\ pp = 3.7 \\ pp = 3.7 \\ pr = 3.7 $	(m AOD)	(m) (0.55) (0.55) (0.55) (0.55) (0.55) (0.55) (0.55) (0.5	Grass over firm brown, slightly fine sandy, slightly gravelly CLAY. Grave consists of angular to sub-rounded, fine to coarse brick, concrete and ra yellow mortar. Concrete encountered between 0.45 - 0.55m below groun level, covering 10% of the explorato hole. (Made Ground) Firm becoming stiff from 1.1m, fissured, brown CLAY with selenite medium sand size from 1.1m and ra medium gravel size pocket of yellow brown sand. (Weathered London Clay Form	are ed, nd vry to are w	
	4.75 D pp = 3.8						-			
General Remark 1. Borehole rer 2. Water ingres 3. Roots and re Driller:	0.55m below erved to 2.0m	round leve	nd level.	ORFH		RF	Continued on next sheet			
Logged:							1:25		Giving of	ur all
Chked:	X				24	Dark V	Villan	e East	FIG A	2
Appr'd:	or				24		vinay			-

Client	Micha	el Che	ster & Par	tners		-	Diameter	. ,	BOREHO NUMBE	
Metho	d: Wir	ndow S	ampler			9	5 tape	ring with depth to 6.00m	WS0	
Date:	04/02/ [,]	14	Co-o	ordinat	E es N	Ground (m A	d Level (OD)	Ref. No: 146100	Sheet 2 c	
Backfi	II/Well	Water	Samp		In Situ Tests	Reduced	Depth			
(m)	Legend	Depth (m)	Depth (m)	Туре	Results	Level (m AOD)	(Thickness) (m)	Description of Strata		Legend
		-	5.00	D	pp = 4.2		-	Firm becoming stiff from 1.1m, fissured, brown CLAY with selenite t	0	
		-	5.25	D	pp = 4.6		-	medium sand size from 1.1m and ra medium gravel size pocket of yellov	ire	
		-	-5.50	D	- pp = 4.3		-	brown sand.		
		-	-		-		-			
		-	5.75	D	pp = 4.3		-			
6.00		-	-6.00	D	- pp = 4.2		6.00 —	End of Borehole at 6.00 m		
General F 1. Borel										
2. Wate 3. Roots	r ingress not s and rootlet:	ed at 0.55m s observed to	below ground level o 2.0m below brou	nd level.						
Driller	r:	СВ		R			RF			RUCTURE
Logge		JAC		D	OREH(See Key She	cale eet for explana	1:25		Giving ou	ır all
Chke Appr'		<i>A</i>			24	Park '	Village	FIG A2		
Appr'o	u: /									

Client: Mic	chae	el Che	ster &	Part	ners		Hole D	Diamete	r (mm):	BOREHOL	
Method:	Win	dow S	ample	r			9	5 tape	ring with depth to 5.60m	NUMBER	२
Date: 04/0	02/1	4		Co-o	rdinat	E es N	Ground (m A	d Level OD)	Ref. No: 146100	WS02 Sheet 1 of 2	2
Backfill/W	/ell	Water	Sa	ample	es	In Situ Tests	Reduced	Depth			
Leg (m)	end	Depth (m)	Dep (m		Туре	Results	Level (m AOD)	(Thickness) (m)	Description of Strata	Le	egenc
		-	a.			n		(0.20) - 0.20 -	York stone paving over concrete. (Made Ground)	X	*
						-		(0.10) 0.30 - - -	Firm brown, slightly gravelly, slightly fine and medium sandy CLAY. Gra consists of angular to sub rounded fine and medium brick, flint, concre mortar and slate. (Made Ground)	vel /	
	1.25 D pp = 2.							- - -	Firm becoming stiff from 1.9m, bro CLAY with rare medium gravel size pockets of yellow brown silt/ fine sa at 0.3m and rare rounded medium		
								-	gravel size pyrite at 4.0m. Some medium sand size selenite from 1.5 (Weathered London Clay Form		55
	1.50 D pp =							-			
								-			
	2.00 D pp = 3.										
		-	2.25		D	pp = 2.5		-			
		-	2.50		D	- pp = 2.7		-			
		-	2.75		D	pp = 3.5		-			
		-	-3.00		D	- pp = 3.1		(5.30)			
		-	3.25		D	pp = 3.7		-			
		-	-3.50		D	pp = 3.7		-			
		-	3.75		D	pp = 3.7		-			
		-	-4.00		D	- pp = 3.0					
		-	4.25		D	pp = 3.8		-			
		-	4.50		D	pp = 3.5		-			
	4.75 D pp = 4.2					pp = 4.2		-			
Caser-15	eneral Remarks:					-		-	Continued on next sheet		
General Kernarks: 1. Borehole remained dry whilst open. 2. Hole terminated at 5.6m below ground level due to collapse. 3. Roots and rootlets observed to 2.5m below ground level.											
Driller:								RE 1:25	CORD	INFRASTRUC Giving our all	
Logged: Chked [:]						See Key She		tion of symbo			
Appr'd:	Chked: 📉 2							Villag	e East	FIG A3	

			ster & Part	iners		4		r (mm): rring with depth to 5.60m	BOREH NUMB	
Metho	d: Wir	ndow S	ampler						WSO	
	04/02/			ordinat			d Level (OD)	Ref. No: 146100	Sheet 2	
Backfi	ll/Well	Water	Sampl	es	In Situ Tests	Reduced	Depth			
(m)	Legend	Depth (m)	(m)	Туре	Results	Level (m AOD)	(Thickness) (m)	Description of Strata	l	Legend
		-	5.25 5.50	D D D	pp = 4.2 pp = 3.8 pp = 5.8			Firm becoming stiff from 1.9m, brown CLAY with rare medium gravel siz pockets of yellow brown silt/ fine s at 0.3m and rare rounded medium gravel size pyrite at 4.0m. Some medium sand size selenite from 1.	e and I	
2. Hole t	ole remaine erminated a	d dry whilst of 5.6m below 5 observed to 5.6m below		o collapse.			5.60 -	End of Borehole at 5.60 m		
	.									TRUCTURE
Driller		CB		В	OREH		1:25		Giving	
Logge		JAC			See Key She	eet for explana	ition of symbo	.		
Chkeo Appr'o		~			24	Park '	Villag	FIG A3		

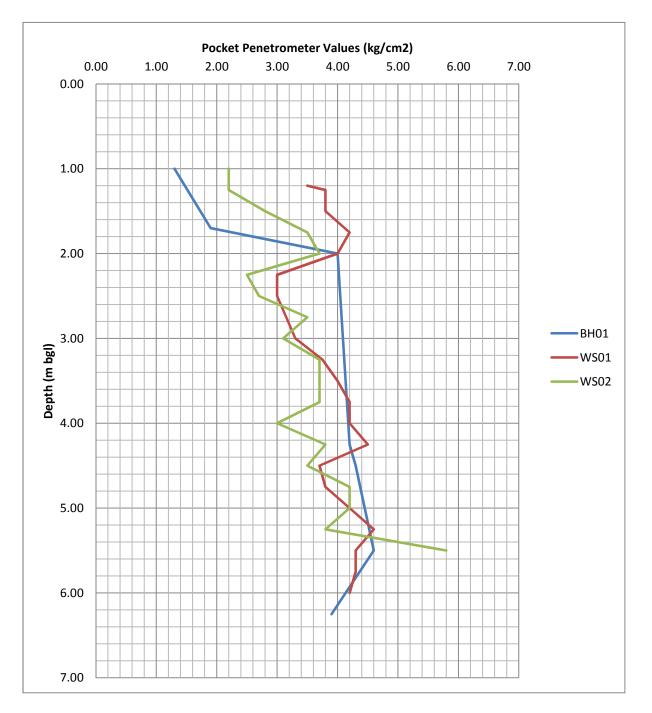




Moisture Content and Plastic Limit Vs. Depth







вн	Depth	МС	Density Te	st (Mg/m3)	Cell	Shear
No.	(m)	(%)	Bulk	Dry	Pressure (kN/m2)	Stress (kN/m2)
BH01	1.2	31	1.95	1.48	25	61
BH01	5.0	27	2.02	1.59	100	127
BH01	7.0	30	1.92	1.48	140	68
BH01	9.0	27	2.00	1.58	180	138
BH01	11.0	28	2.04	1.60	220	144
BH01	13.0	28	1.98	1.54	260	128
BH01	15.0	25	2.01	1.61	300	125
BH01	17.0	22	2.05	1.68	340	265
BH01	19.0	25	2.03	1.62	380	233

Triaxial Summery Table



SITE INVESTIGATION FACTUAL REPORT

Report No:	146100
Client:	Michael Chester & Partners
Site:	24 Park Village East, Regents Park
Client Ref:	-Michael Chester
Date of Visit:	



Home Emergency Response - Subsidence Investigation - Drainage Services – Crack & Level Monitoring – Property Video Surveys

Unit E2 First Floor Suite, Boundary Court Willow Farm Business Park, Castle Donington Leicestershire, DE74 2NN 🖀 0843 2272362

 \bowtie enquiries@cet-uk.com

🗏 www.cet-uk.com

CET is the trading name of CET Structures Ltd Registered in England No. 02527130 Our Ref :

146100

Laboratory Testing Results

Date Received :

Date of Report :

Date Tested :

Unknown

13/03/2014

14/03/2014

21/03/2014

Location : 24, Park Village East

Work carried

out for:

Jut 101.															Date of	Report.	21	/05/201
S	ample Ref		Moisture	Soil	Liquid	Plastic	Plasticity	Liquidity	Modified	Soil	Filter Paper	Soil	In situ	Organic	pН	Sulphate	e Content	
P/BH	Depth	Туре	Content	Fraction	Limit	Limit	Index	Index	Plasticity	Class	Contact	Sample	Shear Vane	Content	Value	(g	/1)	Class
No	(m)			> 0.425mm					Index		Time	Suction	Strength			so3	so ₄	l
			(%)[1]	(%)[2]	(%)[3]	(%)[4]	(%)[5]	[5]	(%)[6]	[7]	(h) [8]	(kPa)	(kPa) [9]	(%)[10]	[11]	[12]	[13]	[14]
/S01	1.2	D									168	73						l
301	1.2	D									108	75						1
	1.75	D									168	415						
	1.75	D									100	115						1
	2.25	D									168	256						
																		l
	4.875	D									168	582						
				2.25			n danth of	2.0 2.5		-								
				2.251	n was used	as a mea	n depth of	2.0m -2.5	m sample	e								
				1 8751	n was used	as a mear	n denth of	1 75m -5	0m samn	le								
				4.0751	n was used	as a mea		4.75m-5.	om samp									
																		l
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																		L
	hods / Notes				[9] Values of shear			ET using						Key				
	: Part 2 : 1990, Test 1 d if <5%, otherwise m				a Pilcon hand v [10] BS 1377 : Part	ane or Geonor van 3 : 1990. Test No								D B	Disturbed sam Disturbed sam			
	7 : Part 2 : 1990, Test				[11] BS 1377 : Part									U	Undisturbed s			
	7 : Part 2 : 1990, Test				[12] BS 1377 : Part		5.6							W	Groundwater	sample		
	7 : Part 2 : 1990, Test	No 5.4			[13] SO ₄ = 1.2 x SO			D. 4						ENP		on-Plastic by in	spection	
	gest 240 : 1993 0 : 1981 : Figure 31 - 1	Plasticity Ch	art for the classific		[14] BRE Special D Note that if the		ete in Aggressive G into the DS-4 or D			neider the	unlo os folling			U/S	Underside of I	Foundation		
of fine s		i asucity Cl	and for the classifie	audi			espectively unless w											
	e method \$9a adanted	from BRF I	P 4/93		into the DO Hit			soluolo mugn			r							

[8] In-house method S9a adapted from BRE IP 4/93

Moisture Content and Suction Profiles

Note : Unless specifically noted the profiles have not been

Date Sampled : Unknown Date Received : 13/03/2014 Date Tested : 14/03/2014 Date of Report : 21/03/2014

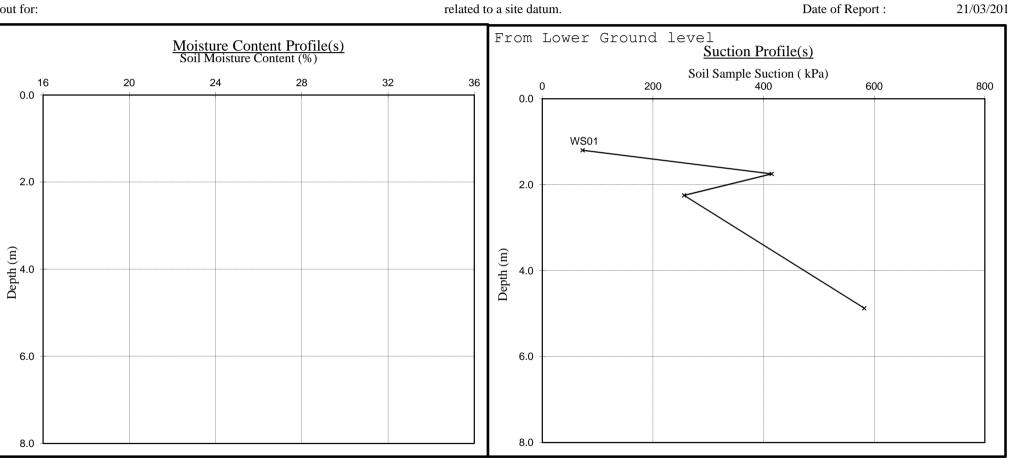
24, Park Village East Location :

146100

Work carried

Our Ref :

out for:



Note

Notes

1. If plotted, 0.4 LL and PL+2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clays) at shallow depths.

When shown, the theoretical equilibrium suction profiles are based on conventional assumptions associated with London Clay (and similarly overconsolidated clays) at shallow depths. Note that the sample disturbance component is dependant on the method of sampling and any subsequent recompaction. The above plots show this to be 100kPa which is the value suggested by the BRE on the basis of their limited number of tests on recompacted samples. This may or may not be appropriate in this instance and judgement should be exercised.

Moisture Content and Suction Profiles

Note : Unless specifically noted the profiles have not been

related to a site datum.

Date Sampled : Unknown Date Received : 13/03/2014 Date Tested : 14/03/2014 Date of Report : 21/03/2014

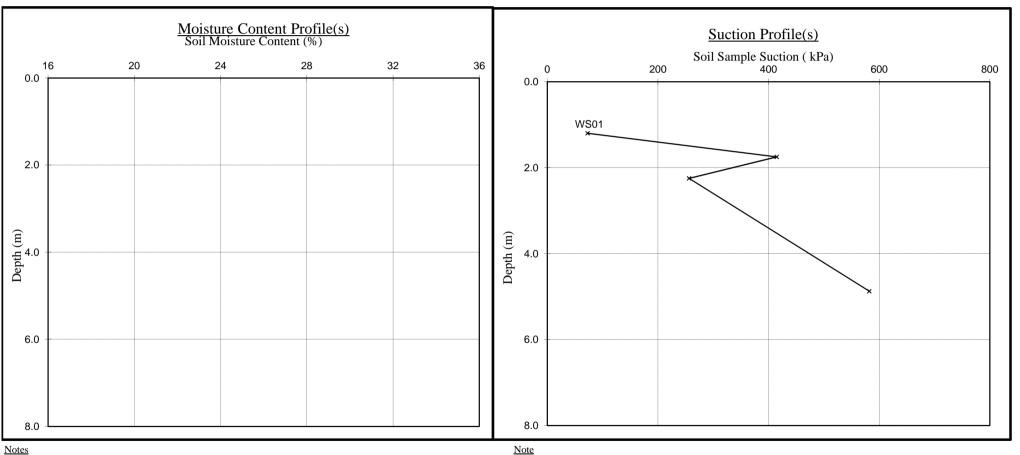
24, Park Village East Location :

146100

Work carried

Our Ref :

out for:



Notes

1. If plotted, 0.4 LL and PL+2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clays) at shallow depths.

When shown, the theoretical equilibrium suction profiles are based on conventional assumptions associated with London Clay (and similarly overconsolidated clays) at shallow depths. Note that the sample disturbance component is dependant on the method of sampling and any subsequent recompaction. The above plots show this to be 100kPa which is the value suggested by the BRE on the basis of their limited number of tests on recompacted samples. This may or may not be appropriate in this instance and judgement should be exercised. Our Ref :

146100

Laboratory Testing Results

Date Tested :

Unknown

Date Received : 13/03/2014

14/03/2014

Date of Report : 21/03/2014

Location : 24, Park Village East

Work carried

out for:

	ample Ref		Moisture	Soil	Liquid	Plastic	Plasticity	Liquidity	Modified	Soil	Filter Paper	Soil	In situ	Organic	pН	Sulphate		
TP/BH	Depth	Туре	Content	Fraction	Limit	Limit	Index	Index	Plasticity	Class	Contact	Sample	Shear Vane	Content	Value	(g	/	Class
No	(m)		$(0) \rightarrow 11$	> 0.425 mm	(0) > [2]	(0) > IAI	(0))[5]	[5]	Index	[7]	Time	Suction	Strength	(0/)[10]	[1]]	so3	so ₄	[14]
			(%)[1]	(%)[2]	(%)[3]	(%)[4]	(%)[5]	[5]	(%)[6]	[7]	(h) [8]	(kPa)	(kPa) [9]	(%)[10]	[11]	[12]	[13]	[14]
BH01	1.425	D									168	627						
	5.225	D									168	759						
		_																
	7.225	D									168	528						
					1 425r	n was use	d as a mea	n depth o	f 1 2m - 1	1 65m s	ample							
					1.1201		a us a mea	n acpui o			umpie							
					5.225r	n was use	d as a mea	n depth of	f 5.0m - 5	5.45m s	ample							
								-			-							
					7.2251	n was use	ed as a mea	n depth o	f 7.0m -7	.45m s	ample							
	hods / Notes 7 : Part 2 : 1990, Test N	No 3.2			[9] Values of shear	strength were dete ane or Geonor var	-	ET using						<u>Kev</u>	Disturbed sam	nla (small)		
.,	ed if <5%, otherwise m				[10] BS 1377 : Part									B	Disturbed sam			
	7 : Part 2 : 1990, Test 1				[11] BS 1377 : Part									U	Undisturbed s	ample		
	7 : Part 2 : 1990, Test 1 7 : Part 2 : 1990, Test 1				[12] BS 1377 : Part [13] SO ₄ = 1.2 x SO		5.6							W ENP	Groundwater s	sample on-Plastic by ins	nection	
	igest 240 : 1993				[13] SO ₄ = 1.2 x SC [14] BRE Special D		ete in Aggressive Gr	ound) August 200	5					U/S	Underside of I		spectron	
	0 : 1981 : Figure 31 - I	Plasticity Ch	art for the classific				into the DS-4 or DS			nsider the san	nple as falling							
of fine s	soils				into the DS-4m	or DS-5m class re	espectively unless w	ater soluble magn	esium testing is u	indertaken to	prove otherwise							

[8] In-house method S9a adapted from BRE IP 4/93

Moisture Content and Suction Profiles

Note : Unless specifically noted the profiles have not been

Date Sampled : Unknown Date Received : 13/03/2014 Date Tested : 14/03/2014 Date of Report : 21/03/2014

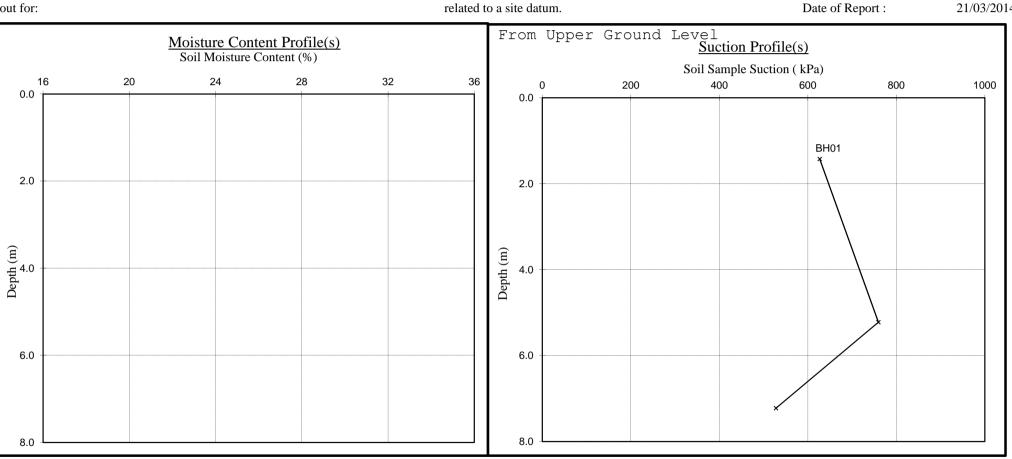
24, Park Village East Location :

146100

Work carried

Our Ref :

out for:



Note

Notes

1. If plotted, 0.4 LL and PL+2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clays) at shallow depths.

When shown, the theoretical equilibrium suction profiles are based on conventional assumptions associated with London Clay (and similarly overconsolidated clays) at shallow depths. Note that the sample disturbance component is dependant on the method of sampling and any subsequent recompaction. The above plots show this to be 100kPa which is the value suggested by the BRE on the basis of their limited number of tests on recompacted samples. This may or may not be appropriate in this instance and judgement should be exercised.