

SITE INVESTIGATION **FACTUAL REPORT**

Report No:

Client: Crawford Claims Management

Site: 37 Lancaster Grove

Client Ref:

Date of Visit: 16/05/19





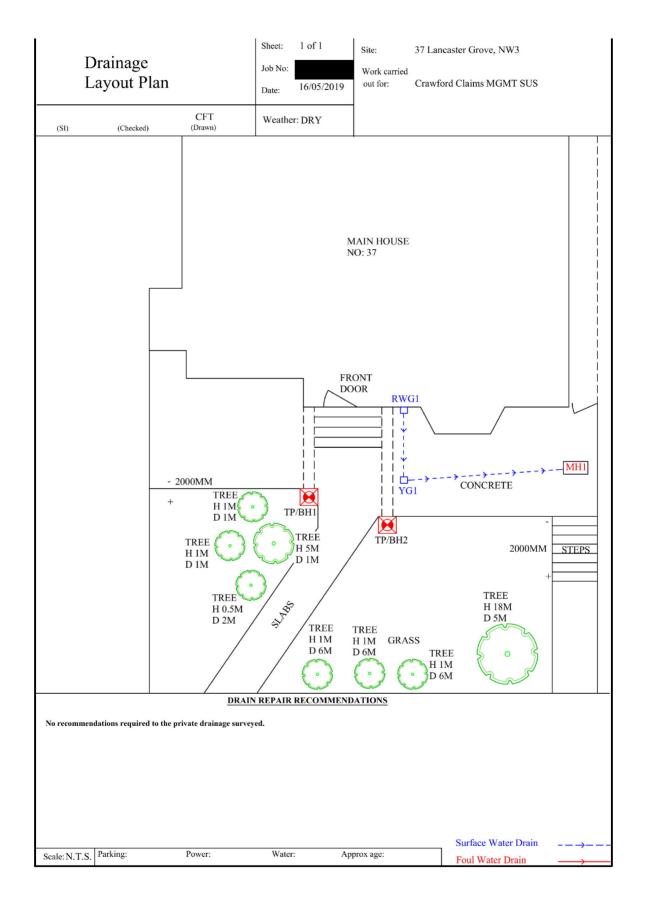














TEST REPORT: Trial Pit

REPORT NUMBER:

TRIAL PIT REF:

Crawford & Co

DATE: 23/05/2019

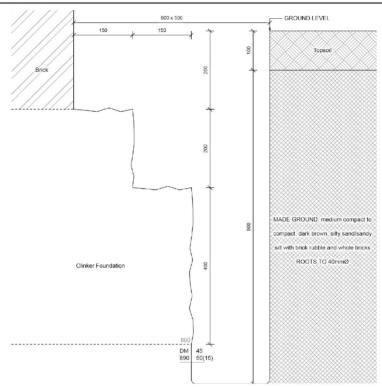
37 Lancaster Grove, NW3 4HB

SITE:

WEATHER:

CLIENT: JOB NO:

EXCAVATION METHOD: Hand tools



For Strata below 900mm see Bore Hole log

Key: D Small disturbed sample J Jar sample В Bulk disturbed sample V Pilcon vane (kPa) Water sample M Mackintosh probe

TDTD Too dense to drive

Remarks:

For and on behalf of CET Sophie Cahalane - Admin Assistant

Approved Signatory 23-May-19

Report Format:



Report version 1

Page 1 of 1

					Sheet:	1 of 1	Site:	37 Lancast	er Grove			
	Borel	nole	1		Job No:							
			-		Date:	16/05/2019						
Boring N	1ethod:	Hand Auger			Ground Level:		Client:	Crawford (Claims Ma	nageme	ent	
Diamete		75	Weather:	dry								
Depth				Soil Description						Sam	ples and	Tests
(m)								Thickness	Legend	Depth	Type	Result
	See Tria	Pit						0.90	<u> </u>			
0.90	MADEGI	ROUND mediu	ım compact	to compact orange-brow	n silty sand			0.70				
									1 00000			
								8		1.00	DM	50(5)
												TCTD
1.20				End of BH								
Remarks						Key:					To	Max
			hand auger. I	BH dry and open on comple		D - Disturbed Sa	imple				Depth	Dia
observed	d below 1.	2m.				B - Bulk Sample					(m)	(mm)
						W - Water Samı	ole	Roots			1.20	2
						J - Jar Sample		Roots				
						V - Pilcon Shear						
						M - Mackintosh		Depth to V	Vater (m)			
						TDTD - Too Den						
Logged:		DP	PS	Checked:	Approved:	Version	V1.0 28/0	1/16			N.T.S.	



TEST REPORT: Trial Pit

REPORT NUMBER:

TRIAL PIT REF:

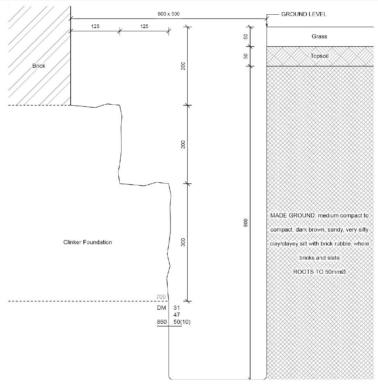
CLIENT: Crawford & Co SITE: 37 Lancaster Grove, NW3 4HB

DATE:

23/05/2019

JOB NO: WEATHER: Dr

EXCAVATION METHOD: Hand tools



For Strata below 900mm see Bore Hole log

Key: D

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 Sophie Cahalane - Admin Assistant

Report Format:

Approved Signatory 23-May-19

Report version 1

					Sheet:	1 of 1	Site:	37 Lancast	er Grove			
	Boreh	ıole	2		Job No:							
					Date:	16/05/2019						
Boring N	1ethod:	Hand Auger			Ground Level:		Client:	Crawford (Claims Ma	nageme	ent	
Diamete	r (mm):	75	Weather:	DRY								
Depth				Soil Description						Sam	ples and	Tests
(m)								Thickness	Legend	Depth	Type	Result
0.00	See Trial	Pit						0.90				
0.90			ım compact	to compact orange-brow	n sandy silty clay	with gravel and	d	0.80	****			
	brick fra	igments							****			
								1	1 000000000000000000000000000000000000			

									18888	1.00	DM	49
									1 8888			50(5)
									}			TCTD
1.20				End of BH					XXXXX			
1.20				Ella of BH								
										_		
												
										_		
Remarks						Key:					То	Max
		oo compact to	hand auger. I	BH dry and open on comple		D - Disturbed Sa	mple				Depth	Dia
	d below 1.					B - Bulk Sample					(m)	(mm)
						W - Water Samp	le	Roots			1.20	3
						J - Jar Sample		Roots				
						V - Pilcon Shear	Vane (kPa	Roots				
						M - Mackintosh	Probe	Depth to V	Vater (m)			
						TDTD - Too Den						
Logged:		DP	PS	Checked:	Approved:	Version	V1.0 28/0	1/16			N.T.S.	

Laboratory Summary Results

Our Ref: Date Sampled: 16/05/19 Location: 37 Lancaster Grove, NW3 Date Received: 21/05/19 Date Tested: 22/05/19

Soil Sample Suction * Class Estimated Heave stential (Dd) Depth (m) Турс Not suitable for further testing - Made Ground U/S 0.80 D 22 52 1.0 D 19 53 Not suitable for further testing - Made Ground

Address

Test Methods / Notes:
(1) Iss 1977; Pan 2: 1990, Tost No 3.2
(2) If failmand 16'-55; otherwise measured
(2) It Iss 1977; Pan 2: 1990, Tost No 4.4
(4) Iss 1937; Pan 2: 1990, Tost No 5.3
(3) Iss 1977; Pan 2: 1990, Tost No 5.4
(4) Iss 1937; Pan 2: 1990, Tost No 5.4
(4) Iss 1937; Pan 2: 1990, Tost No 5.4
(5) Iss 1937; Pan 2: 1990, Tost No 5.4
(7) Iss 1990; 2018; Figure 8: Planticly Chart for the classification

[3] In house randinol 590 subgest from BBLID-450
[7] In house Text Procedure 515: One Dimensional Swell-Strain Text
[7] In January Line Proceeding (10)
[11] Values of about strongth wave determined in situ by CET using
a Pitter hand van or Genter vanc (CV)
[12] In [127]: Peril [1900, Text Mo. 1
[13] In [137]: Peril [1900, Text Mo. 1
[13] In [137]: Peril [1900, Text Mo. 1
[14] In [137]: Peril [1900, Text Mo. 1
[14] In [137]: Peril [1900, Text Mo. 1
[15] In [15]: Peril [15]

[16] IREF Special Digest One (Concrete in Aggressive Ground) August 206
Note that if the SOA constent falls into the DS-4 or DS-5 class, it would be preadent to consider the sample as falling into the DS-4M or DS-50 class respectively unless water solvable reagnession testing is undertaken to prove otherwise.

* These tests are not UKAS accredited
Full reports can be provided upon request

Disturbed sample (small)
Disturbed sample (bulk)
Undisturbed sample
Groundwater sample
Essentially Non-Plastic by ins

Date of Report

Version: 5BH V1.6 - 26.02.19

31/05/19

Laboratory Testing Results

Location : 37 Lancaster Grove, NW3 Date Received: Client: Crawford Claims Managem Date Tested: 22/05/19 Address: Date of Report : 31/05/19

-																	Date of	1		1700713
S	ample Ref.		Moisture	Soil	Liquid	Plastic	Plasticity	Liquidity *	Modified *	Soil *	Filter Paper	Soil	Oedometer	Estimated	In situ *	Organic *	pH *	Sulphate	Content *	*
TP/BH	Depth	Type	Content	Fraction	Limit	Limit	Index	Index	Plasticity	Class	Contact	Sample	Strain	Heave	Shear Vane	Content	Value	(g/	(1)	Class
No.	(m)			> 0.425mm					Index		Time	Suction		Potential (Dd)	Strength			so ₃	so ₄	
			(%) [1]	(%) [2]	(%)[3]	(%)/4/	(%)[5]	[5]	(%)[6]	[7]	(h)	(kPa) [8]	[9]	(mm)[10]	(kPa) [117	(%)[12]	[13]	[14]	[15]	[16]
\Box													1							П
		2000000		2000		10000				1907										
2	U/S 0.70	D	15	49	41	21	20	-0.30	10	CI	Not su	itable for	further test	ing - Made (Ground					
											1			1.00						
	1.0	D	17	40	Not s	uitable fo	r further to	esting - N	lade Grou	ınd	1									
1 1						**					1									
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Tort Mot	thods / Notes				787. In-house me	flind S9a adamer	from BRE IP 4/9:			[16] DDE 2a.	anial Dianu One (C	anners in Anne	ssive Ground) Augu	u 2005	Key					
	7 : Part 2 : 1990, Test	No 3.2					: One Dimensiona		er.				r DS-5 class, it woul		D	Disturbed samp	la di sassatti di			
	ed if <5%, otherwise				1101 Estimated H									o ne	В				-2	**
	7 : Part 2 : 1990, Test						e determined in site	hv CET using					DS-4M or DS-5M	t	B II	Disturbed samp. Undisturbed sam			14	t/
	7 : Part 2 : 1990, Test							and and mand				oonsoic magnesii	im testing is underta	ACI)	w					1
	7 : Part 2 : 1990, Test				a Pricon han [12] BS 1377 : P	d vane or Geono				to prove other	STATISE.					Groundwater sa		5	E/\$.	<i>∤\</i>
	7 : Part 2 : 1990, Test igest 240 : 1993	250 274			[12] BS 1377 : P.					* Theorem	ts are not UKAS ac	omdited.			ENP US	Essentially Non- Linderside of Fe		ection	[(1)	
	0 : 1981 : Figure 31 -	Plantining C	bort for the classifi	Southern	[14] BS 1377 : P										US	underside of Fe	undstron		_ `_	/o =
of fine		. merkuy C	tot me calssin		[15] SO ₄ =1.2 x		NO 2.0			Full reports can be provided upon request								UK	A.S	
of time:	SORS				ing adj-128	30)									Varcion	5BH V1.5 -	26.06.18		86	10
															· cision.	Juli 11.5 -	20.00.10		00	10

- [1] Is because the ON SN adopted from IREL In *PoP.
 [10] In-heaves Tear Procedure STIE, to the Dimensional Swell Strain Tes.
 [11] In-heaves Tear Procedure STIE, to the Dimensional Swell Strain Tes.
 [11] Values of helear strength wave determined in situ by CET using a Phone Industry are of Centure Vane (CV).
 [12] IS 1377: Per 3 : 1990, Tear No. 4.
 [13] IS 1377: Per 3 : 1990, Tear No. 5.6.
 [13] SO₂ = 12 × SO₃.

- * These tests are not UKAS accredited
 Full reports can be provided upon request



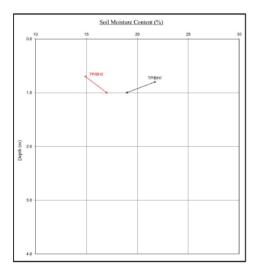
Date Sampled:

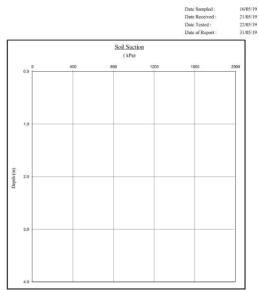
16/05/19

Moisture Content Profiles

Soil Suction Profiles

Our Ref :
Location : 37 Lancaster Grove, NW3
Work carried out for: Crawford Claims Management





- 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.

	Sheet:	1 of 1		
EPSL European Plant Science Laboratory	Job No: Date: Order No: EPSL Ref		Site: Work carried out for:	37 Lancaster Grove, Crawford Claims MGMT SUS

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 starch test
TP1 (USF)	2 mm	Monocotyledon spp. 3 roots	Positive
BH1 (1.2m)	1.5 mm	Monocotyledon spp.	Negative
BH1 (1.2m)	1 mm	Osmanthus/Phillyrea spp. or related shrub species 2 roots	Positive
TP2 (USF)	10 mm	Fagus spp. 4 roots	Positive
BH2 (1.2m)	2 mm	Fagus spp. 3 roots	Positive

Monocotyledon spp. include palms, grasses, bamboos and lilies.

Osmanthus/Phillyrea spp. are evergreen shrubs with white or cream fragrant flowers.

Fagus spp. include common beech and copper beech.



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

To: Ftao: Matt Deller	Crawford Claims Management	
Site:	37 Lancaster Grove Date: 04~	lun-19
	ESTIMATE	
Item	No recommendations required to the private drainage surveyed.	Amount
Notes		
	runs and off boundary pipe-work may be the responsibility of the water authority.	
Condition Grade A - Structurally sou B - Cracks and fra C - Structurally uns	und with no leakage evident. actures observed.	
C - Siructurany uni	Quotation is binding only if accepted within 28 days from date of issue and is subject to our Standard Terms and Conditions The price qualification notes, stated on the drainage solutions schedule of rates, apply to this quotation. CET Structures Ltd undertakes to return to site free of charge to carry out remedial work to the drainage repairs set out above for a period of 2 months from the date of this invoice. The company standard charge rates will apply to the visit should the work requested be unrelated to the said repairs.	

				Sheet:		Site:	37 Lancaster Grove					
Co	ding	Sheet		Job No.:								
				Date:	16/05/19	Client:	Crawford Claims Management					
Run:	1				•		•					
From:		М	H1	Invert Lev	/el:	550	Direction:	U/S				
To:		ΥC	6/1	Invert Lev	/el:		Function:	S/W				
Pipe Mater	ial:	٧	′C	Pipe Dia:		100						
Water/Pres	sure Te	st:		Drain Bre	ak-In:		Gully Condition:	As Built				
Distance	Code	Cloc	k Ref	Dia	Intru	usion	Shared Run:					
(m)		at	to	mm	%	mm	If Shared How:					
0.00	ST						Remarks	Surface Material	Length (m)			
0.10	DES				30		Silt and leaves	slabs				
5.70	JN		3				RWG/1					
5.70	FH						REACEHD YARD GULLY					
Comments:												
Run:	2											
From:		RW	'G/1	Invert Lev	/el:		Direction:	D/S				
To:		RU	N 1	Invert Lev	⁄el:		Function:	F/W				
Pipe Mater	ial:	٧	′C	Pipe Dia:	Pipe Dia:							
Water/Pres	sure Te	st:		Drain Bre	ak-In:	No	Gully Condition:	As Built				
Distance	Code	Cloc	k Ref	Dia	Intro	usion	Shared Run:	No				
(m)		at	to	mm	%	mm	If Shared How:					
0.00	ST				6		Remarks	Surface Material	Length (m)			
0.10	DES				15		SILT AND LEAVES	SLABS				
1.00	FH						REACEHD RUN 1					
Comments:												
Aco channe	ls run o	ver run	2.									