

# SITE INVESTIGATION **FACTUAL REPORT**

Report No:

Crawford Claims Management

Site: The Studio House, 51 Upper Park Road

Client Ref:

Client:

Date of Visit: 03/01/2020





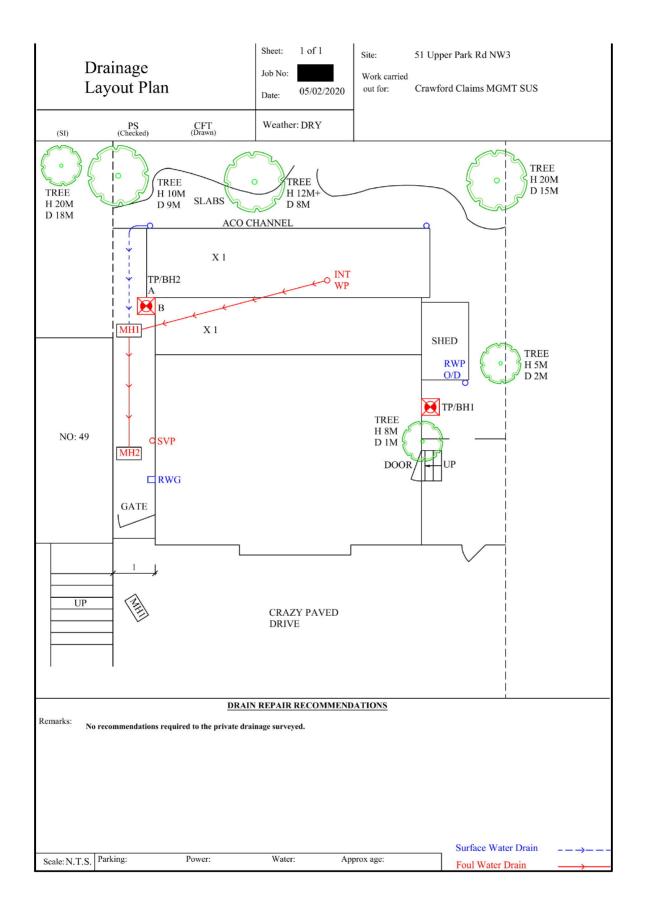














TEST REPORT: Trial Pit

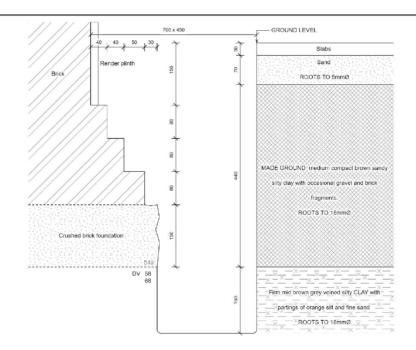
REPORT NUMBER:

 TRIAL PIT REF:
 TP1
 DATE:
 05/02/2020

 CLIENT:
 Crawford & Co
 SITE:
 51 Upper Park Road

JOB NO: WEATHER: D

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:

Test results reported relate only to the items tested.

This report shall not be reproduced except in full without approval of the Laboratory.

Report Format:

For and on behalf of CET Phil Snowden - Geotechnical Manager

Approved Signatory 06-Feb-20

Report version 1

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	n i	1			Sheet:	1 of 1	Site:	51 Upper P	ark Road				
	Borel	iole	1		Job No: Date:	05/02/2020							
Boring M		Hand Auger			Ground Level:		Client:	Crawford C	Claims Ma	nageme	ent		
Diamete	r (mm):	75	Weather:	Dry			İ						
Depth				Soil Description				1	l		ples and		
(m)	Cas Taial	I D:t						Thickness	Legend	Depth	Туре	Resul	
0.00	See Tria	PIT						0.70					
0.70	Firm mid	d brown grey v	veined silty C	LAY with partings of oran	ge silt and fine sa	ind		0.30	× ×				
									× ×				
									× ×	770700077007			
1.00	Stiff mid	brown grey v	eined silty Cl	LAY with partings of orang	ge silt and fine sa	nd		2.00	× — ×	1.00	DV	78	
									× — ×			84	
									^-×				
									<u>x - x</u>				
									× ×	1.50	DV	90	
									××			90	
									××				
									××				
									× ×				
									× ×	2.00	DV	108	
									× — ×			110	
									^-×				
									<u>x</u> - x				
									× ×	2.50	DV	118	
									××	2.00		120	
									× ×				
									××				
									× ×				
3.00				End of BH						3.00	DV	130+	
												130+	
												<u> </u>	
											-	-	
												-	
Remarks:						Key:					То	Max	
3H ends	at 3m. Bi	dry and open	on completion	n. No roots observed below	2.1m	D - Disturbed Sa					Depth	Dia	
						B - Bulk Sample					(m)	(mm	
						W - Water Samp	ole	Roots			1.50	3	
						J - Jar Sample		Roots			2.10	1	
						V - Pilcon Shear					<u> </u>	-	
						M - Mackintosh		Depth to W	vater (m)			J	
						TDTD - Too Den							



Hand tools

TEST REPORT: Trial Pit

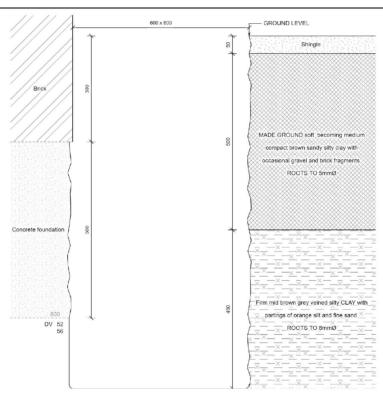
REPORT NUMBER:

EXCAVATION METHOD:

 TRIAL PIT REF:
 TP2a
 DATE:
 05/02/2020

 CLIENT:
 Crawford & Co
 SITE:
 51 Upper Park Road

JOB NO: WEATHER:



For Strata below 1000mm see Bore Hole log

Water strike and standing water level at 650mm. BH augered at the rear of the TP to avoid water. Key:

D Small disturbed sample J Jar sample

B Bulk disturbed sample V Pilcon vane (kPa)

Water sample M Mackintosh probe

TDTD Too dense to drive

Remarks:

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Approved Signatory

06-Feb-20

Report Format:

Re

Report version 1

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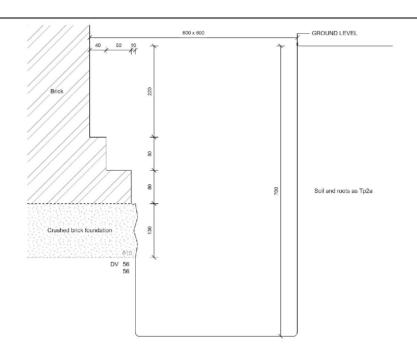


TEST REPORT: Trial Pit

REPORT NUMBER:

TRIAL PIT REF: TP2b DATE: 05/02/2020 CLIENT: Crawford & Co SITE: 51 Upper Park Road WEATHER:

JOB NO: EXCAVATION METHOD: Hand tools



#### Trial pit ends at 700mm

Key:

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

TDTD Too dense to drive

Remarks: Test results reported relate only to the items tested.

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For and on behalf of CET Phil Snowden - Geotechnical Manager

Approved Signatory 06-Feb-20

Report Format:

Report version 1

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			_		Sheet:	1 of 1	Site:	51 Upper F	Park Road			
	Borel	iole	2		Job No:	05/03/2020						
Boring M	lethod:	Hand Auger			Date: Ground Level:	05/02/2020	Client	Crawford (	Claims Ma	nageme	ent	
Diamete		75	Weather:	Dry			<b></b>					
Depth			,	Soil Description						Sam	ples and	Tests
(m)								Thickness	Legend	Depth	Туре	Result
0.00	See Trial	Pit						1.00				
1.00	Firm mic	brown grey v	eined silty C	LAY with partings of oran	ge silt and fine sa	ind		0.50	× ×	1.00	DV	62
									× —×			68
									× ×			
									× ×			
4.50	cuitt in	1		AV 11 11 1				0.70	× — ×	4.50		7.0
1.50	Stiff mid	brown grey v	eined silty Cl	AY with partings of orang	ge silt and fine sa	na		0.70	× ×	1.50	DV	76
									<u>* - ×</u>	<u> </u>		82
									× ×			
									××			
									××	2.00	DV	110
									× ×			110
2.20			eined silty C	LAY with partings of oran	ge silt and fine sa	nd and		0.80	× —×			
	clayston	e nodules							× ×			
									× — ×			500
									× — ×	2.50	DV	118
									× ×			124
									××			
									××			
3.00				End of BH						3.00	DV	130+
												130+
										<u> </u>	-	
										<u> </u>	1	
											<b>-</b>	
Remarks	:					Key:		•	•		То	Max
		dry and open	on completio	n.		D - Disturbed Sa	mple				Depth	Dia
						B - Bulk Sample					(m)	(mm)
						W - Water Sam	ole	Roots			2.50	2
						J - Jar Sample		Roots			3.00	1
						V - Pilcon Shear						
						M - Mackintosh		Depth to V	Vater (m)			
			1	I-market in the second	1.	TDTD - Too Den						
ogged:		LBI	PS	Checked:	Approved:	Version	V1.0 28/0	1/16			N.T.S.	

## **Laboratory Summary Results**

05/02/2020 The Studio House, 51, Upper Park Road, London 06/02/2020 Date Tested : Date of Report : Client: Address: 06/02/2020 Crawford Claims Management 12/02/2020

TP/BH	ample Ref Depth	Туре	Moisture Content	Soil Fraction	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity * Index	Modified * Plasticity	Soil 9 Class	Filter Paper Contact	Soil Sample	Oedometer Strain	Estimated Heave	In situ * Shear Vane	Organic * Content	pH * Value	Sulphate (g		Class
No	(m)	Турс	(%) [1]	> 0.425mm	00000000	200000000		501020000	Index (%)[6]	22000000	Time	Suction (kPa) [8]		Potential (Dd) (mm)[10]		Locolonication	/13/	503 [14]	so <sub>4</sub> [15]	(16)
i	U/S 0.54	D	25	<5	60	21	39	0.10	39	СН					63					
	1.0	D	26	<5											81					
	1.5	D	28	<5											90					
	2.0	D	27	<5	65	25	40	0.05	40	СН					109					
	2.5	D	31	<5											119					
	3.0	D	33	<5	73	26	47	0.15	47	CV					> 130					

Test. Michaels / Notes:
[7] 88 1377; Part 2: 1990; Test No. 5.2
[7] Instituted (75%, Generals moneted
[7] 88 1377; Part 2: 1990; Test No. 4.4
[7] 88 1377; Part 2: 1990; Test No. 4.4
[7] 88 1377; Part 2: 1990; Test No. 4.5
[7] 88 1377; Part 2: 1990; Test No. 5.3
[7] 88 1377; Part 2: 1990; Test No. 5.4
[7] 88 1377; Part 2: 1990; Test No. 5.4
[7] 18 5 900; 2018; Figure 8: Plendidy Churt for the closelfication

[15] In-house method Situ adapted from IRET. IP 4-93
[19] In-house Test Procedure ST Fix One Discussional Seed Strain Test
[10] Estimated Seed Protection (ID)
[11] Values of shear strength were determined in wite by CET using.

n Pilcon hand vane or Geoner vane (GV).
[12] BS 1377: Part 3: 1990, Test No.4
[13] BS 1377: Part 2: 1990, Test No.9
[14] BS 1377: Part 3: 1990, Test No.5.6

[15] SO<sub>4</sub> = 1.2 x SO<sub>3</sub>



Version: 5BH V1.6 - 26.02.19

8618

**Laboratory Testing Results** 

Location : The Studio House, 51, Upper Park Road, London 06/02/2020 Crawford Claims Management Client: Date Tested: 12/02/2020 Address: Date of Report:

S	ample Ref.		Moisture	Soil	Liquid	Plastic	Plasticity	Liquidity *	Modified *	Soil *	Filter Paper	Soil	Oedometer	Estimated	In situ *	Organic *	pII *		Content *	*
TP/BH	Depth	Турс	Content	Fraction	Limit	Limit	Index	Index	Plasticity	Class	Contact	Sample	Strain	Heave	Shear Vane	Content	Value	(g		Class
No.	(m)		(%) [1]	> 0.425mm (%) [2]	(%)[3]	(%)[4]	(%)[5]	[5]	Index (%)[6]	[7]	Time (h)	Suction (kPa) [8]	[9]	Potential (Dd) (mm)[10]	Strength (kPa) [11]	(%)[12]	[13]	so <sub>3</sub> [14]	so <sub>4</sub> [15]	[16]
	(B)																			
2	U/S 0.51 (A)	D	35	<5	75	27	48	0.17	48	CV					56					
	U/S 0.80	D	38	<5	73	27	46	0.23	46	CV					54					
	1.0	D	33	<5											65					
	1.5	D	30	<5											79					
	2.0	D	27	<5	69	24	45	0.07	45	СН					110					
	2.5	D	32	<5											121					
	3.0	D	37	<5	79	31	48	0.13	48	CV					> 130					

Our Ref :

[15] BRT Special Digosi Che (Cancotte in Aggressive Grassal). August 200
Note that if the SOAI coatest falls is no the DS-4 or DS-5 dass, it would be product to consider the cample as folling into the DS-6AV in DS-5AV class respectively postes water voluntile magnetism testing is undertaken to grove otherwise.

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

Disturbed sample (small )
Disturbed sample (bolk )
Undisturbed sample
Groundoutes sample
Groundoutes sample
Essentially Non-Plastic by inspection
Underside of Foundation



05/02/2020

Date Sampled:

Version: 5BH V1.5 - 26.06.18

Test Michaels / Notes

[7] No 1177: Part 2: 1990, Test No. 3.2

[7] Edinated IC-75, observation encounced

[8] ISS 1377: Intel. 2: 1990, Test No. 4.4

[8] ISS 1377: Intel. 2: 1990, Test No. 4.4

[8] ISS 1377: Intel. 2: 1990, Test No. 4.4

[8] ISS 1377: Intel. 2: 1990, Test No. 4.4

[8] ISS 1377: Intel. 2: 1990, Test No. 4.4

[9] ISS 1379: Intel. 2: 1990, Test No. 4.4

ISS 1390: Intel. 2: 1990, Test No. 4.4

ISS 1390: Intel. 2: 1990, Test No. 4.4

ISS 1390: Intel. 2: 1990, Test No. 4.4

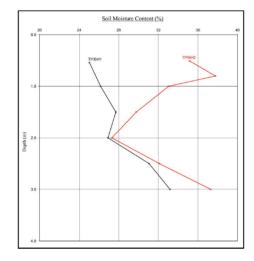
ITS 1390: Intel. 2: 1990, Test No.

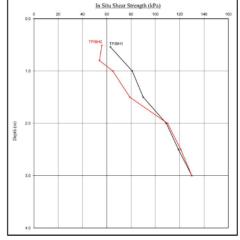
### Moisture Content Profiles

### Shear Strength Profiles

Our Ref :
Location : The Studio House, 51, Upper Park Road, London
Work carried out for: Crawford Claims Management

			In Situ Sh	ear Streng	th (kPa)	Date o	f Report :	12
0.0	20	40	60	80	100	120	140	160
		TF	1/BH2 TP/BI	-11				





Notes

1. If planted, 0.4.11. and PL-2 (after Driscotl, 1983.) should only be applied to London Clay (and similarly overconsolidated city) at shallow depths.

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

**EPSL** European Plant Science Laboratory Sheet: 1 of 1

The Studio House, 51 Upper Park Road, Site:

Job No:

Date: **07/02/2020** Order No:

Work carried Crawford Claims MGMT SUS out for:

EPSL Ref:

#### 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
TPI (USF)	8 mm	Forsythia spp. or related shrub species 2 roots	Positive
TP1 (USF)	17 mm	Ficus spp.	Positive
BH1 (to 2.1m)	3 mm	Ficus spp. 4 roots	Positive
TP2 (USF)	9 mm	Salix spp. † 3 roots	Positive
TP2B (USF)	1 mm	Jasminum spp.	Positive
BH2 (to 3m)	1.5 mm	Salix spp. † 5 roots	Positive

Forsythia spp. are common flowering shrubs.

Ficus spp. are figs. Salix spp. are willows.

Jasminum spp. include Jasmine.



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

<sup>†</sup> EPSL research has developed a unique ability to differentiate Willows from Poplars. We believe no other laboratory in the UK can currently provide this service. We now offer this benefit at no extra cost.

To: Ftao: Philip Gardner	Crawford Claims Management		
Site:	51 Upper Park Road	Date:	07-Feb-20
	ESTIMATE		
Item	No recommendations required to the private drainage surveyed.		Amount
Notes Repairs to shared	runs and off boundary pipe-work may be the responsibility of the water authority.		
Condition Grade A - Structurally sou	und with no leakage evident.		
B - Cracks and fra- C - Structurally uns	ctures observed.		
	Quotation is binding only if accepted within 28 days from date of issue and is subject to our St.  The price qualification notes, stated on the drainage solutions schedule of rates, ap CET Structures Ltd undertakes to return to site free of charge to carry out remedial work to the dr period of 2 months from the date of this invoice. The company standard charge rates will app requested be unrelated to the said repairs.	ply to this quotation. ainage repairs set out abo	ve for a

				Sheet:		Site:	51 Upper Park Road		
Co	ding S	Sheet		Job No.:					
				Date:		Client:	ent		
Run:	1			-9			_		
From:		М	H1	Invert Lev	vel:	450	Direction:	U/S	
To:		A	co	Invert Lev	/el:		Function:	S/W	
Pipe Mater	al:	P	VC	Pipe Dia:		100			
Water/Pres	sure Te	st:		Drain Bre	ak-In:	No	Gully Condition:		
Distance	Code	Cloc	k Ref	Dia	Intr	usion	Shared Run:	No	
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST						Remarks	Surface Material	Length (m)
2.80	LR						Line deviates right	Shingle	
3.10	Ŋ						Line deviates up		
3.30	Ŧ						Reached Aco		
Comments:									
Run:	2			1					
From:		30,000	H1	Invert Lev		450	Direction:	U/S	
To:			/S	Invert Lev	/el:		Function:	F/W	
Pipe Mater	al:	P	VC	Pipe Dia:		100			
Water/Pres	sure Te	st:		Drain Bre	ak-In:	No	Gully Condition:		
Distance	Code	Cloc	k Ref	Dia Intru		usion	Shared Run:	No	
(m)		at	to	mm	%	mm	If Shared How:		
0.00	ST						Remarks	Surface Material	Length (m)
0.10	LR						Line deviates right	Shingle	0.5
3.30	DEG				10		Debris grease		
4.90	LU						Line deviates up	Under building	
5.10	FH						Reached int waste		
Comments:									
Run:	3			1.			Tax 100	_~~	
From:			H1	Invert Lev		450	Direction:	D/S	
To:			H2	Invert Lev	/el:		Function:	Comb	
Pipe Mater			VC	Pipe Dia:		100	-		
Water/Pres			<u> </u>	Drain Bre		No	Gully Condition:		
Distance	Code		k Ref	Dia	Accordance	usion	Shared Run:	No	
(m)		at	to	mm	%	mm	If Shared How:		_
0.00	ST						Remarks	Surface Material	Length (m)
2.30	JN	11		100			Unknown	Shingle	
6.00	FH						Reached Mh 2		
Comments:									

