

## SITE INVESTIGATION **FACTUAL REPORT**

Report No: 263257

Client: Crawford Claims Management

Site: 88 Savernake Road, London

Client Ref: SU1500403-

Date of Visit: 28/05/2015







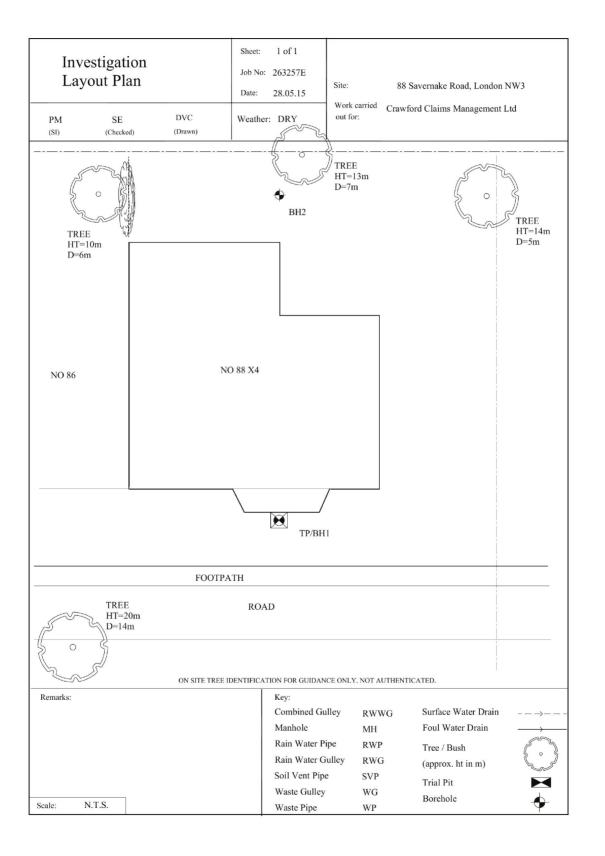


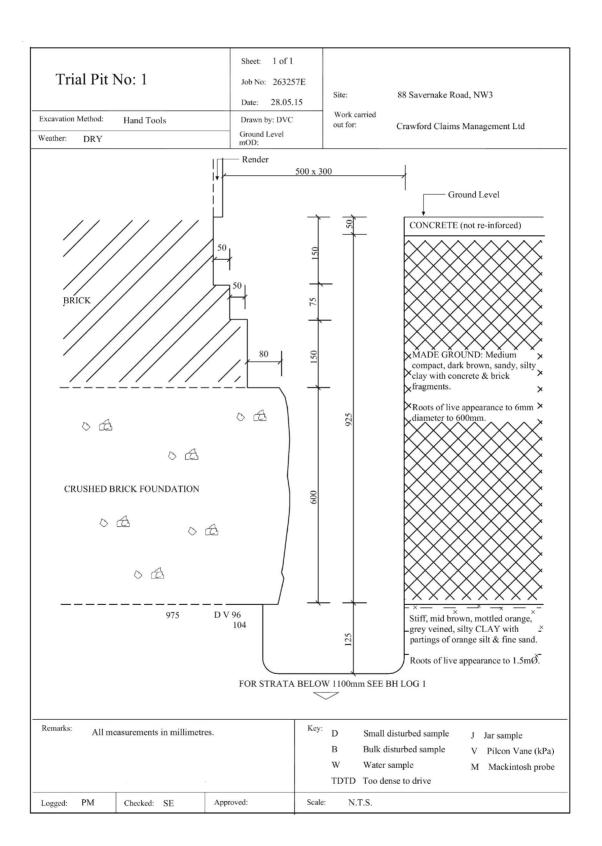






Home Emergency Response - Subsidence Investigation - Drainage Services - Crack & Level Monitoring - Property Video Surveys





Bor	ehole No:	1			1 of 1 263257	Æ	Site:		88 Sa	vernake Road, NW3
Boring	Method:	Date:	28.05.1	5						
Diame	MAN DE TONO DE SANCIAL CON CONTE	Ground mOD:	The second property of		Work Carried out for:		Crawi	ford Claims Management Ltd		
Depth (m)	Г	Description of Strata		Thick- ness (m)			Test Type Result		Depth (m)	Field Records/Comments to wate (m)
1.10	As Trial Pit 1			1.10						No roots observed
1.10	Stiff, mid brown veined, silty Cl of orange silt &	n, mottled orange, g LAY with partings fine sand.	rey	1.90	x x x.	D D	V	90 94	2.00 2.50	No foots observed
3.00	Borehole	e ends at 3m				D	V	130+ 130+	3.00	
Remar	Borehole	dry and open on co	ompletion  Typed by:	DVC		D Sn B Bu	nall dis ilk distr ater sar	.D. Too l turbed sa urbed san nple	mple	Drive J Jar sample V Pilcon Vane (kPa) M Mackintosh Probe Weather:

Bor	ehole No:	2		Sheet:	1 of 1									
		Hand Auger			263257		Site:		88 Sa	vernake Road, NW3				
	Method:	Date:	28.05.1	15										
Diamet	ter: 65mm	Coordinates:		Ground mOD:	Level		Work out for	Carried ::	Crawi	ford Claims Management Ltd				
Depth (m)	Ι	Description of Strata		Thick- ness (m)	Legend	Sample		Γest Result	Depth (m)	Field Records/Comments Depth to water (m)				
G.L 0.10	Turf over TOPS	SOIL		0.10						Roots of live appearance to				
		ND: Medium compa y with ash & brick f		0.50	7,477					2mm diameter from 0.1m to 0.6m  Hair & fibrous roots of live				
	Mid brown/orar CLAY with par sand.	nge, grey veined, silt	ty & fine	0.90	x					appearance from 0.6m to 1.2m				
	Sanu.				x	D	V	60 60	1.00	No roots observed below 1.2m				
1.50					xx	D	V	78 82	1.50					
						D	v	104	2.00					
		tiff, mid brown/orange, grey veined, silty CLAY with partings of orange silt & fine and & crystals.						110						
					x.	D	V	124 124	2.50					
3.00	Rorehole	e ends at 3m				D	V	130+ 130+	3.00					
Remari	Remarks:  Borehole dry and open on completion							Key: T.D.T.D. Too Dense to Drive D Small disturbed sample J Jar sample						
	Soronore			В Ви		urbed san		J Jar sample V Pilcon Vane (kPa) M Mackintosh Probe						
Logged:	: PM	Checked: SE	Typed by:	DVC		Scale:		NTS		Weather:				

# **Laboratory Summary Results**

263257 28/05/2015 Our Ref: Date Sampled: 88, Savernake Road, NW3 Crawford Claims Management 29/05/2015 Location : Date Received: Date Tested : Date of Report : Work carried 29/05/2015 out for: 05/06/2015

	ample Ref		Moisture	Soil	Liquid	Plastic	Plasticity		Modified *	Soil *	Filter Paper		Oedometer	Estimated		Organic *	pH *	Sulphate		*
P/BH	Depth	Type	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]	(%)/121	[13]	SO3 [14]	SO <sub>4</sub> [15]	[16]
_			(10) [1]	(70) [2]	(10)[19]	(14)[1]	(10)[0]	[1-]	( 76 ) [0]	1.7	(11)	(Ki a) [0]	121	(mm)[10]	(11.1)	(10)(11)	[10]	7.17	(**)	1.00
1	U/S 0.975	D	37	<5	71	29	42	0.19	42	CV	168	169			100					
	1.5	D	34	<5							168	413								
	2.0	D	33	<5	78	27	51	0.11	51	CV	168	361			92					
	2.5	D	31	<5							168	476								
	3.0	D	31	<5	76	25	51	0.11	51	CV	168	603			> 130					

Test McHods / Notes

[JJ 185 1377 : Part 2 : 1990; Test No. 2.2

[JJ Instantant of 1 : 1990; Test No. 2.2

[JJ Instantant of 1 : 1990; Test No. 2.2

[JJ Instantant of 1 : 1990; Test No. 4.4

[JJ Instantant of 1 : 1990; Test No. 5.4

[JJ Instantant of 1 : 1990; Test No. 5.4

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Full reports can be provided upon request

Version: 5BH V1.4 - 11/05/15



**Laboratory Testing Results** 

Date Sampled: 28/05/2015 Location : 88, Savernake Road, NW3 Date Received : 29/05/2015 29/05/2015 05/06/2015 Work carried Crawford Claims Management Date Tested: out for: Date of Report :

S	ample Ref.		Moisture	Soil	Liquid	Plastic	Plasticity	Liquidity	Modified	Soil	Filter Paper	Soil	Oedometer	Estimated	In situ *	Organic *	pH *	Sulphate	Content *	.00
TP/BH	Depth	Type	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]	SO3 [14]	804 [15]	[16]
BH2	1.0	D	36	<5	85	30	55	0.11	55	CV	168	271			60					
DITZ	1.0	, D	30	~	0.5	30	33	0.11	33	CV	100	2/1			00					
	1.5	D	35	<5							168	309			80					
	2.0	D	33	<5	81	26	55	0.13	55	CV	168	427			107					
	2.5	D	33	<5							168	560			124					
	3.0	D	32	<5	76	25	51	0.14	51	CV	168	487			> 130					
																				i l

Test Mcthods / Notes

[JJ 18 1377: Part 2: 1990, Test No.3.2

[27] Estimated if (\*5%), otherwise measured

[JJ 18 1377: Part 2: 1990, Test No.4.4

[JJ 18 1377: Part 2: 1990, Test No.5.3

[JJ 18 1377: Part 2: 1990, Test No.5.3

[JJ 18 1377: Part 2: 1990, Test No.5.4

[JJ 18 1390: 1981 - 1990

[JJ 18 5990: 1981 - 1 Figure 31 - Phasticity Chart for the class

of fine xolis

[JJ 18-bosse method S8s adapted from BRE IP 493

197, in house 161 broacher 511 between Javen Manna 140 (1) Estimated Hover Potential (2)(4) Estimated Hover Potential (2)(4) (1)17 Values of detac strength were determined in situ by CET using a Piton hard wase or Goosen vanc (GV) (2) ISS 1377: Pitot 31 (900, Total No. 9) (2) ISS 1377: Pitot 31 (900, Total No. 9) (4)(4) ISS 1377: Pitot 31 (900, Total No. 9) (4) IS

[16] BRE Special Digos One (Concrete in Aggressive Crossid) August 200.
Note that if the SO4 content falls into the DS-4 or DS-5 cleas, it would be prudent to consider the sample as falling into the DS-4M or DS-5M clear repetitively unless water solutible magnesium testing in undertaken to prove otherwise.

\* These tests are not UKAS accredited

Version: 5BH V1.4 - 11/05/15

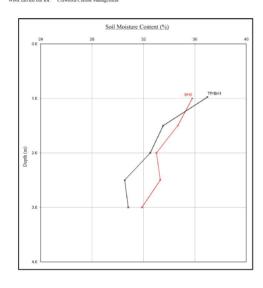


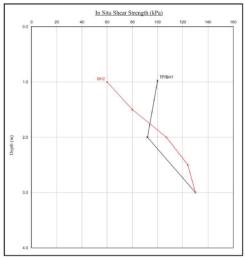
## Moisture Content Profiles

## **Shear Strength Profiles**

Our Ref: 263257
Location: 88, Savernake Road, NW3
Work carried out for: Crawford Claims Management







Notes

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

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

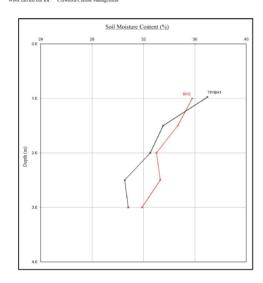
Note

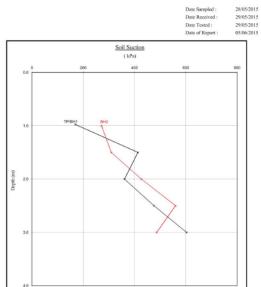
1. Unless otherwise stated, values of Shear Strength were determined in situ by
CET using a Pikon Hand Vane the calibration of which is limited to
a maximum reading of 130 kPa.
2. Unless specifically noted the profiles have not been related to a site datum.

## Moisture Content Profiles

## Soil Suction Profiles

Our Ref : 263257
Location : 88, Savernake Road, NW3
Work carried out for: Crawford Claims Management





Notes

1. If printed, 0.4 LL and PL+2 (after Deiscoll, 1983.) should only be applied to London Clay (and similarly overconsolidated city) at attillow depth.

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

Note
When shown, the theoretical equilibrium suction profiles are based on conventional assumptions associated
when shown, the denoretical equilibrium suction profiles are based on conventional assumption associated
with Leadon Clay (and similarly convexuedidated clays) as shallow depths. Note that the sample disturbance
component is dependant on the method of sampling and any subsequent recompaction. It has been plant show
that the lot (Mark Nath to the Blue of the Mark III) and the Blue III on the basis of the Blue III on the basis of the Blue III on the basis of the III on the Blue III of the Blue III on the Blue III on the Blue III of the Blu

**EPSL** 

European Plant Science Laboratory

Sheet: 1 of 1

Site: 88 Savernake Rd, NW3.

Job No: 263257 Date: Order No: 706427

02/06/2015

Work carried

Crawford Claims MGMT SUS out for:

EPSL Ref: R11514

#### 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)	1.5 mm	Monocotyledon spp. 4 roots	Negative
TP1 (USF)	<1 mm	probably Quercus spp. or Castanea spp. *	Positive

#### \* Very juvenile

 $Monocotyledon\ spp.\ include\ palms,\ grasses,\ bamboos\ and\ lilies.$ Quercus spp. are oaks. Castanea spp. include sweet chestnut.



DPA

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Telephone: 01248 672 652 e-mail: lab@innovation-environmental.co.uk

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 D P Aebischer B.Sc. (Hons), M.Sc., Ph.D Consultant: Dr M P Denne B.Sc. (Hons), M.Sc., Ph.D

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