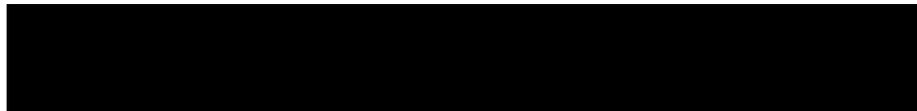


## SITE INVESTIGATION FACTUAL REPORT

Report No: [REDACTED]  
Client: Sedgwick International UK - Maidstone  
Site: 70-75 Auden Place  
Camden  
Client Ref: [REDACTED]  
Date of Visit: 9/3/2021



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



<div>Investigation Layout Plan</div>			Sheet: 1 of 1	Site: 70-75 AUDEN PLACE  Work carried out for: Sedgwick International UK																												
			Job No: [REDACTED]																													
			Date: 09/03/21																													
DB (SI)	SA (Checked)	DVC (Drawn)	Weather: Dry																													
<div><div>SLABBED PEDESTRIANISED AREA</div><div>NO 70-75 X3</div><div>RAISED SHRUB BED</div><div>TP/BH1 &amp; DATUM</div><div>SLABS</div><div>RAISED SHRUB BED</div><div>RAISED HEDGE</div><div>TREE HT=15m D=10m</div><div>TREE HT=25m D=6m</div><div>ON SITE TREE IDENTIFICATION FOR GUIDANCE ONLY. NOT AUTHENTICATED.</div></div>																																
Remarks:			<div>Key:</div> <table><tr><td>Combined Gully</td><td>RWWG</td><td>Surface Water Drain</td><td>---</td></tr><tr><td>Manhole</td><td>MH</td><td>Foul Water Drain</td><td>---</td></tr><tr><td>Rain Water Pipe</td><td>RWP</td><td>Tree / Bush</td><td>(approx. ht in m)</td></tr><tr><td>Rain Water Gully</td><td>RWG</td><td>Trial Pit</td><td></td></tr><tr><td>Soil Vent Pipe</td><td>SVP</td><td>Borehole</td><td></td></tr><tr><td>Waste Gully</td><td>WG</td><td>O/D - Open Discharge</td><td></td></tr><tr><td>Waste Pipe</td><td>WP</td><td></td><td></td></tr></table>		Combined Gully	RWWG	Surface Water Drain	---	Manhole	MH	Foul Water Drain	---	Rain Water Pipe	RWP	Tree / Bush	(approx. ht in m)	Rain Water Gully	RWG	Trial Pit		Soil Vent Pipe	SVP	Borehole		Waste Gully	WG	O/D - Open Discharge		Waste Pipe	WP		
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Waste Pipe	WP																															
Scale: N.T.S.																																

TEST REPORT: Trial Pit

REPORT NUMBER: [REDACTED]

TRIAL PIT REF: TP1

CLIENT: Sedgwick International UK

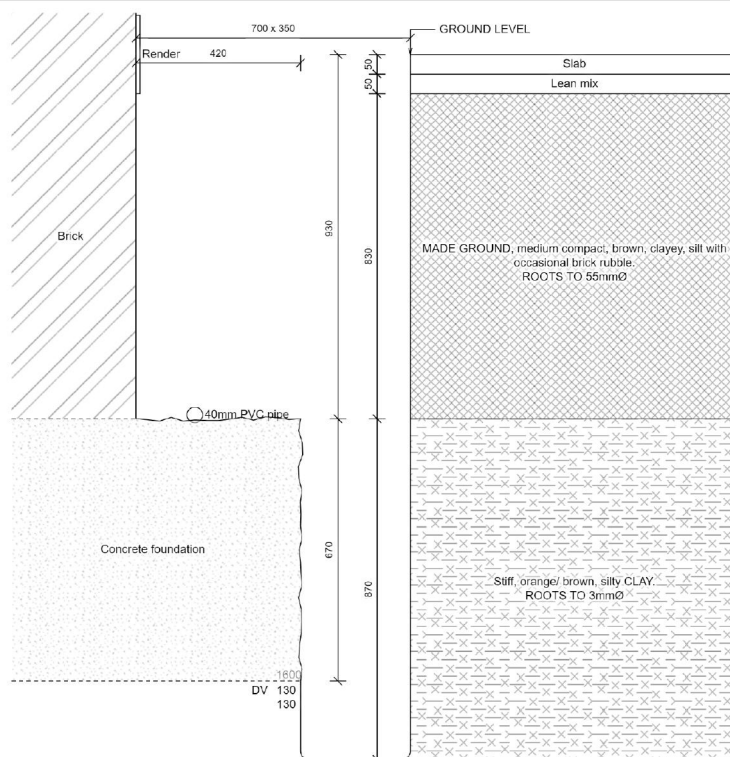
JOB NO: [REDACTED]

EXCAVATION METHOD: Hand tools

DATE: 09/03/2021

SITE: 70-75 AUDEN PLACE

WEATHER: Dry



For Strata below 1800mm see Bore Hole log

Hand dug TP to 1200mm. Then extended to 1800mm with the aid of a hand auger.

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.

For and on behalf of CTS

Scott Alger - Lab

Report Format:

Approved Signatory

11-Mar-21

<b>Borehole</b>		<b>1</b>	Sheet: 1 of 1		Site: 70-75 AUDEN PLACE -NW1 8ND
Boring Method: Rotary Auger		Job No:		Date: 09/03/2021	
Diameter (mm): 100		Weather: Dry		Ground Level:	
				Client: Sedgwick International UK Ltd	
Depth	Soil Description				Samples and Tests
(m)		Thickness	Legend	Depth	Type Result
0.00	See Trial Pit	1.80			
1.80	Stiff orange-brown silty CLAY	0.20	x		
2.00	Very stiff orange-brown silty CLAY	4.00	x	2.00	DV 140+
			x		140+
			x		
			x		
			x		
			x	2.50	D
			x		
			x		
			x		
			x		
			x	3.00	DV 140+
			x		140+
			x		
			x		
			x		
			x	3.50	D
			x		
			x		
			x		
			x	4.00	DV 140+
			x		140+
			x		
			x		
			x	4.50	D
			x		
			x		
			x		
6.00	End of BH		x	5.00	DV 140+
Remarks:		Key:		To	Max
BH ends at 6.0m.BH moist and open on completion,no roots observed below 3.5m.Datum installed at 6.0m,no soil samples or insitu strength tests carried out below 5.0m.		D - Disturbed Sample		Depth	Dia
		B - Bulk Sample		(m)	(mm)
		W - Water Sample		2.50	2
		J - Jar Sample		3.50	1
		V - Pilcon Shear Vane (kPa)			
		M - Mackintosh Probe			
		TDTD - Too Dense To Drive			
Logged:	Db	SA	Checked:	Approved:	Version V1.0 28/01/16 N.T.S.



## SITE INVESTIGATION LABORATORY TEST REPORT

SI REPORT NUMBER:



CLIENT :

CET Property Assurance (Sedgwick International UK)

SITE:

70-75, Auden Place  
London

DATE OF SITE VISIT:

09/03/2021

DATE RECEIVED BY LABORATORY:

11/03/2021

Compiled by :

J. Garrett - Laboratory Manager (B)

Approved by

J. Garrett - Laboratory Manager (B)

DATE REPORTED: 15-Mar-2021

## Laboratory Summary Results

Our Ref: [REDACTED]

Location: 70-75, Auden Place, London  
 Client: CET Property Assurance (Sedgwick International UK)  
 Address: [REDACTED]

Date Sampled: 09/03/2021

Date Received: 11/03/2021

Date Tested: 11/03/2021

Date of Report: 15/03/2021

TP/BH No	Sample Ref Depth (m)	Type	Moisture Content (%) [1]	Soil Fraction > 0.425mm (%) [2]	Liquid Limit (%) [3]	Plastic Limit (%) [4]	Plasticity Index (%) [5]	Liquidity Index [5]	Modified Plasticity Index (%) [10]	Soil * Class [7]	Filter Paper Contact Time (d)	Soil Sample Suction (kPa) [8]	Oedometer Strain [9]	Estimated * Heave Potential (Dd) (mm) [16]	In situ * Shear Vane Strength (kPa) [14]	Organic * Content (%) [12]	pH * Value [13]	Sulphate Content * (g/l)		* Class [16]
																		SO <sub>3</sub> [14]	SO <sub>4</sub> [15]	
1	U/S 1.60	D	32	<5	67	29	38	0.09	38	CH					130					
	2.0	D	30	<5											> 140					
	2.5	D	28	<5	76	32	44	-0.08	44	CV										
	3.0	D	29	<5											> 140					
	3.5	D	29	<5	81	27	54	0.04	54	CV										
	4.0	D	32	<5											> 140					
	4.5	D	33	<5																
	5.0	D	33	<5											> 140					

### Test Methods / Notes

[1] BS 1377: Part 2: 1990, Test No 3.2

[2] Estimated if <5%, otherwise measured

[3] BS 1377: Part 2: 1990, Test No 4.4

[4] BS 1377: Part 2: 1990, Test No 5.3

[5] BS 1377: Part 2: 1990, Test No 5.4

[6] BRE Digest 240: 1993

[7] BS 5936: 2018, Figure 8 - Plasticity Chart for the classification of fine soils

Test results reported relate only to the items tested.

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

[8] In-house method 5th adopted from BRE R 4793

[9] In-house Test Procedure S17: One Dimensional Swell-Strain Test

[10] Potential Heave Potential (Dd)

[11] Values of shear strength were determined in situ by CPT using a Pileon hand vane or Geotest vane (GV).

[12] BS 1377: Part 3: 1990, Test No 4

[13] BS 1377: Part 3: 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>

[16] BRE Special Digest One (Concrete in Aggressive Ground) August 2005

Note that if the SO<sub>4</sub> content falls into the D6-4 or D6-5 class, it would be prudent to consider the sample as falling into the D5-4M or D5-5M class respectively unless water soluble magnesium testing is undertaken to prove otherwise.

\* These tests are UKAS accredited

Full reports can be provided upon request.

### Key

D Disturbed sample (small)  
 B Disturbed sample (bulk)  
 U Undisturbed sample  
 W Groundwater sample  
 FSP Presumably Non-Plastic by inspection  
 U/S Underside of Foundation

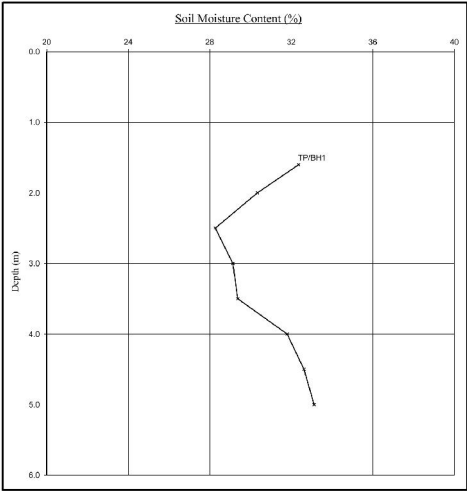


Version: 5BH V1 - 06.01.21

0927

Moisture Content Profiles

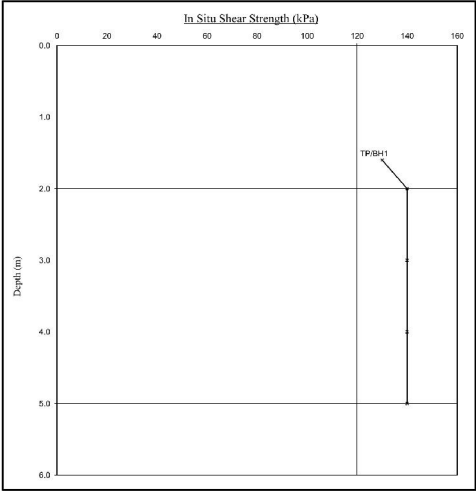
Our Ref: [redacted]  
Location: 70-75, Auden Place, London  
Work carried out for: CET Property Assurance (Sedgwick International UK)



Notes:  
1. If plotted, 0.4 LL and PL-2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clay) at shallow depths.  
2. Unless specifically noted the profiles have not been related to a site datum.

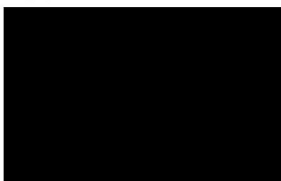
Shear Strength Profiles

Date Sampled: 09/03/2021  
Date Received: 11/03/2021  
Date Tested: 11/03/2021  
Date of Report: 15/03/2021



Note:  
1. Unless otherwise stated, values of Shear Strength were determined in situ by CET using a PKCov (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.

CET



Intec



## ROOT IDENTIFICATION

70-75 Auden Place,

Client Reference:

Report Date:

22 March 2021

Our Ref:

Sub Sample	Species Identified	Root Diameter	Starch
<b>TP1:</b>			
USF	<i>Platanus</i> spp.	1	2 mm
<b>BH1:</b>			
to 3.5m	<i>Platanus</i> spp.	1	1.5 mm

**Comments:**

1 - Plus 3 others also identified as *Platanus* spp.

*Platanus* spp. include London plane and Oriental plane.

**Signed:** M D Mitchell

Unless we are otherwise instructed in writing, the above sample material will normally be disposed of 6 years after the date of this report.