

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



Investigation Layout Plan

Sheet: 1 of 1

Job No: [REDACTED]

Date: 09/03/21

Site: 70-75 AUDEN PLACE

Work carried out for: Sedgwick International UK

DB (SI) SA (Checked) DVC (Drawn)

Weather: Dry

SLABBED PEDESTRIANISED AREA

NO 70-75 X3

RAISED SHRUB BED

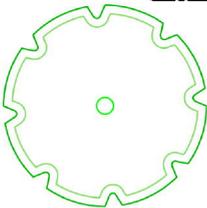


TP/BH1 & DATUM

SLABS

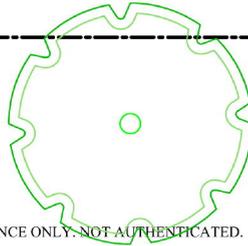
RAISED SHRUB BED

RAISED HEDGE



TREE
HT=15m
D=10m

TREE
HT=25m
D=6m



ON SITE TREE IDENTIFICATION FOR GUIDANCE ONLY. NOT AUTHENTICATED.

Remarks:

Key:

Combined Gully RWWG
Manhole MH
Rain Water Pipe RWP
Rain Water Gully RWG
Soil Vent Pipe SVP
Waste Gully WG
Waste Pipe WP

Surface Water Drain

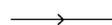
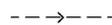
Foul Water Drain

Tree / Bush
(approx. ht in m)

Trial Pit

Borehole

O/D - Open Discharge



Scale: N.T.S.

TEST REPORT: Trial Pit

REPORT NUMBER: [REDACTED]

TRIAL PIT REF: TP1

CLIENT: Sedgwick International UK

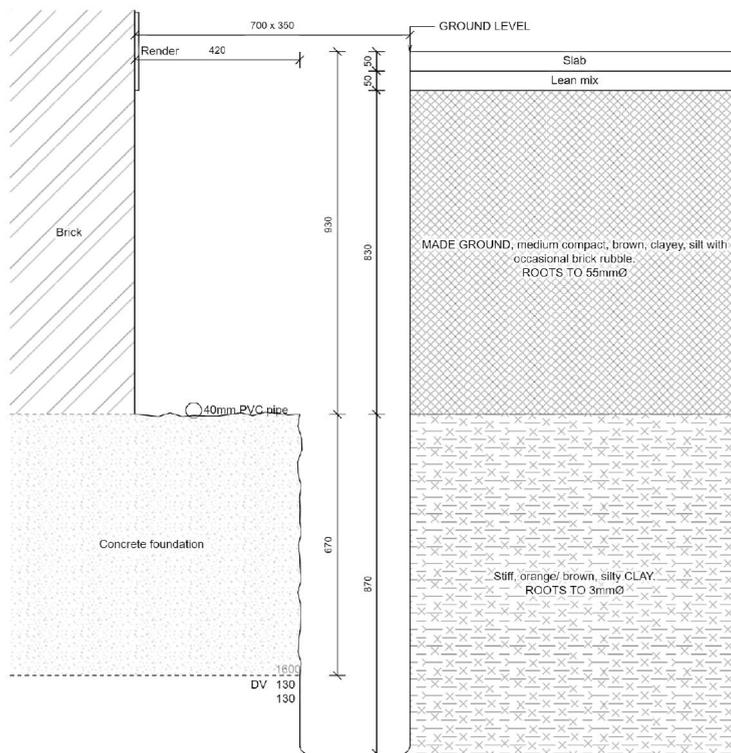
JOB NO: [REDACTED]

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





SITE INVESTIGATION LABORATORY TEST REPORT

SI REPORT NUMBER: [REDACTED]

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 : [REDACTED]
J. Garrett - Laboratory Manager (B)

Approved by [REDACTED]
J. Garrett - Laboratory Manager (B)

DATE REPORTED: 15-Mar-2021

Laboratory Summary Results

Our Ref: [REDACTED]

Date Sampled: 09/03/2021

Location: 70-75, Auden Place, London

Date Received: 11/03/2021

Client: CET Property Assurance (Sedgwick International UK)

Date Tested: 11/03/2021

Address: [REDACTED]

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]
																		SO3 [14]	SO4 [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					> 140					
	3.0	D	29	<5											> 140					
	3.5	D	29	<5	81	27	54	0.04	54	CV					> 140					
	4.0	D	32	<5											> 140					
	4.5	D	33	<5											> 140					
	5.0	D	33	<5											> 140					

Test Methods/ Notes

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

[2] Fatness of 0.5%, 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] BS 1377 - Part 2: 1990, Test No.5.4

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

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

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

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

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

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

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

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

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

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

[1] In-house method 3/01 adapted from BRE R*493

[2] In-house Test Procedure S17a: One Dimensional Swell-Strain Test

[3] Estimated Heave Potential (EM)

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

[5] BS 1377 - Part 3: 1990, Test No.4

[6] BS 1377 - Part 2: 1990, Test No.9

[7] BS 1377 - Part 3: 1990, Test No.5.6

[8] BS 1377 - Part 3: 1990, Test No.5.6

[9] BS 1377 - Part 3: 1990, Test No.5.6

[10] BS 1377 - Part 3: 1990, Test No.5.6

[11] BS 1377 - Part 3: 1990, Test No.5.6

[12] BS 1377 - Part 3: 1990, Test No.5.6

[13] BS 1377 - Part 3: 1990, Test No.5.6

[14] BS 1377 - Part 3: 1990, Test No.5.6

[15] BS 1377 - Part 3: 1990, Test No.5.6

[16] BS 1377 - Part 3: 1990, Test No.5.6

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

Note that if the SO4 content falls into the DS-4 or DS-5 class, it would be prudent to consider the sample as falling into the DS-4M or DS-5M class respectively unless water soluble magnesium testing is undertaken to prove otherwise.

* These tests are not 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

US Underside of Foundation

Test results reported relate only to the items tested.

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Version: 5DH1 V1 - 06.01.21

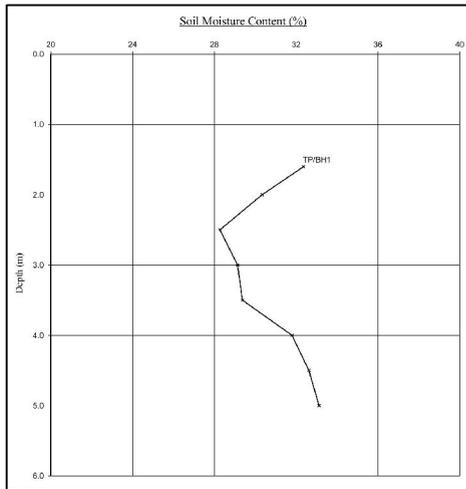
0927



Moisture Content Profiles

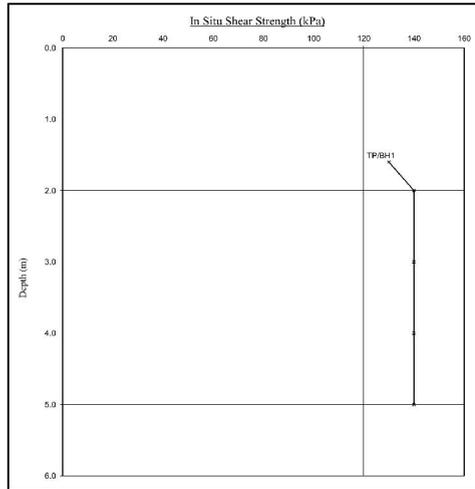
Our Ref: [REDACTED]
 Location: 70-75, Auden Place, London
 Work carried out for: CET Property Assurance (Sedgwick International UK)

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



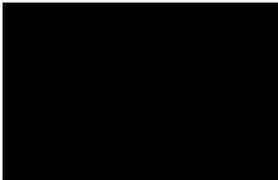
Notes:
 1. If potential, 0.4 LL and PL-2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clay) at shallow depths.
 2. Unless specifically noted the profiles have not been related to a site datum.

Shear Strength Profiles



Note:
 1. Unless otherwise stated, values of Shear Strength were determined in situ by CET using a Pkicon 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: [REDACTED]

Report Date: 22 March 2021

Our Ref: [REDACTED]

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