

SITE INVESTIGATION FACTUAL REPORT

Report No: SI-578858
Client: Sedgwick International UK - Morley
Site: 21 Clarence Road, Haringey
Client Ref: 9688771
Date of Visit: 2/3/2023



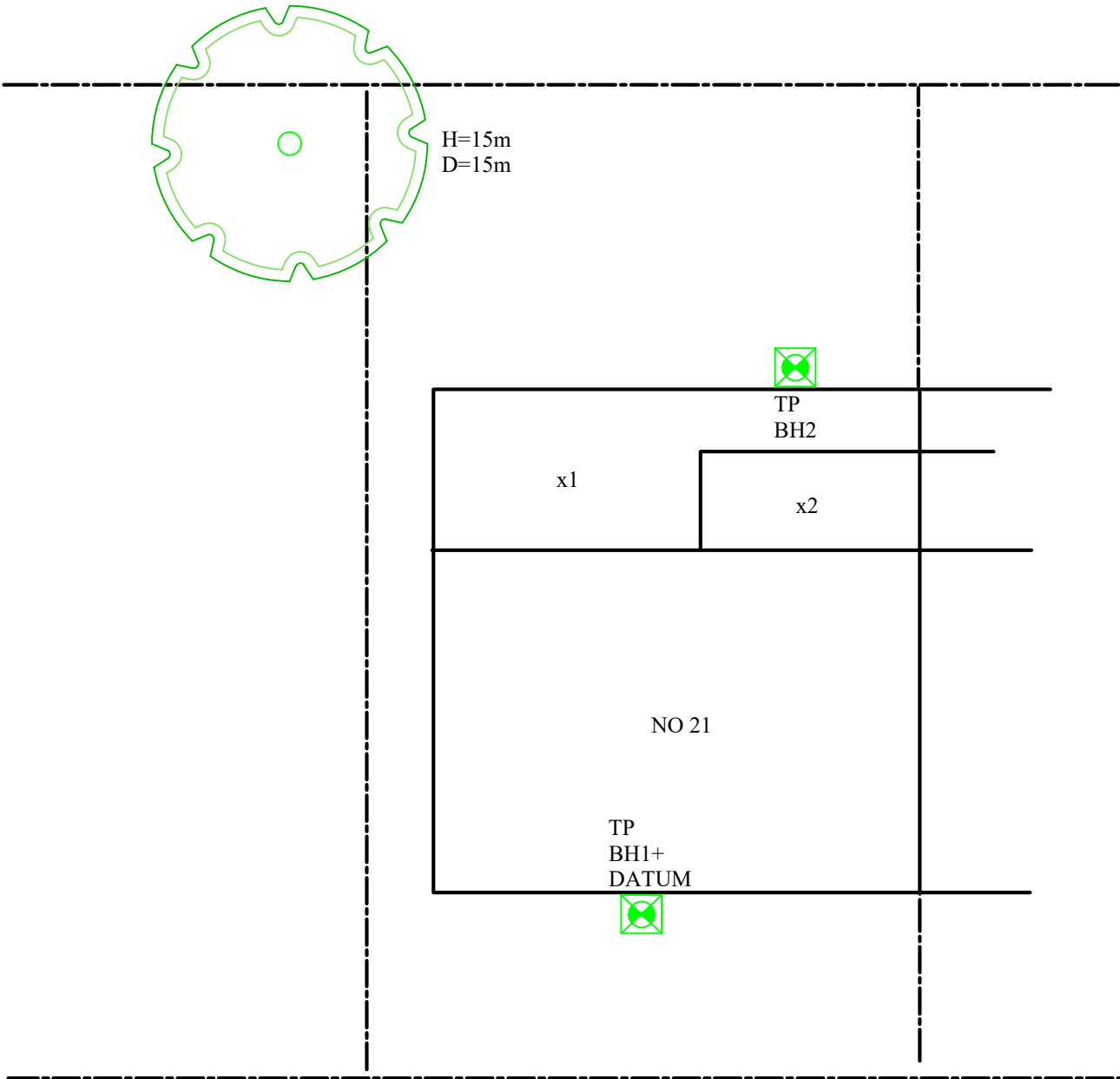
Home Emergency Response - Subsidence Investigation - Drainage Services – Crack & Level Monitoring – Property Video Surveys

Unit E2 First Floor Suite, Boundary Court
Willow Farm Business Park, Castle Donington
Leicestershire, DE74 2NN

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✉ enquiries@cet-uk.com
💻 www.cet-uk.com

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Registered in England No. 02527130

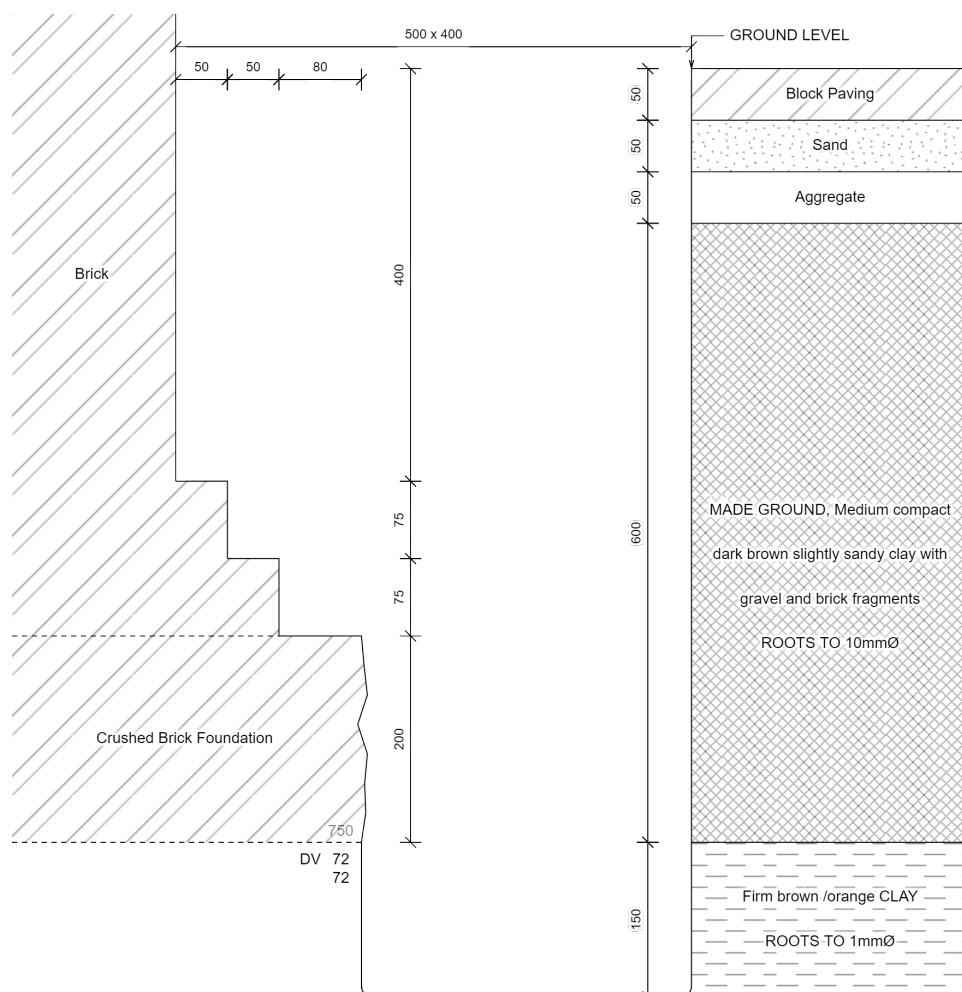
Investigation Layout Plan			Sheet: 1 of 1	Site: 21 Clarence Road
			Job No: 578858	
			Date: 02/03/23	Work carried out for: Sedgwick International UK
SP (SI)	SA (Checked)	MD (Drawn)	Weather: Dry	



ON SITE TREE IDENTIFICATION FOR GUIDANCE ONLY. NOT AUTHENTICATED.

Remarks:	Key:	Surface Water Drain	---
	Combined Gulley	RWWG	---
Scale: N.T.S.	Manhole	MH	---
	Rain Water Pipe	RWP	---
	Rain Water Gulley	RWG	---
	Soil Vent Pipe	SVP	---
	Waste Gulley	WG	---
	Waste Pipe	WP	---
		Foul Water Drain	---
		Tree / Bush	---
		(approx. ht in m)	---
		Trial Pit	---
		Borehole	---
		O/D - Open Discharge	---

TEST REPORT:	Trial Pit		
REPORT NUMBER:	C1075351 / 243924.1.1.1	DATE:	21/03/2023
TRIAL PIT REF:	TP1	SITE:	21 Clarence Road
CLIENT:	Sedgwick International UK	WEATHER:	Dry
JOB NO:	578858		
EXCAVATION METHOD:	Hand tools		



For Strata below 900mm 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
 DTD 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.
 The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

For and on behalf of CTS
 Scott Alger - Lab



Approved Signatory
 Report date 21-Mar-23

[illegible]

[illegible]

TEST REPORT: Trial Pit

REPORT NUMBER: C1075351 / 243924.1.1.2

TRIAL PIT REF: TP2

CLIENT: Sedgwick International UK

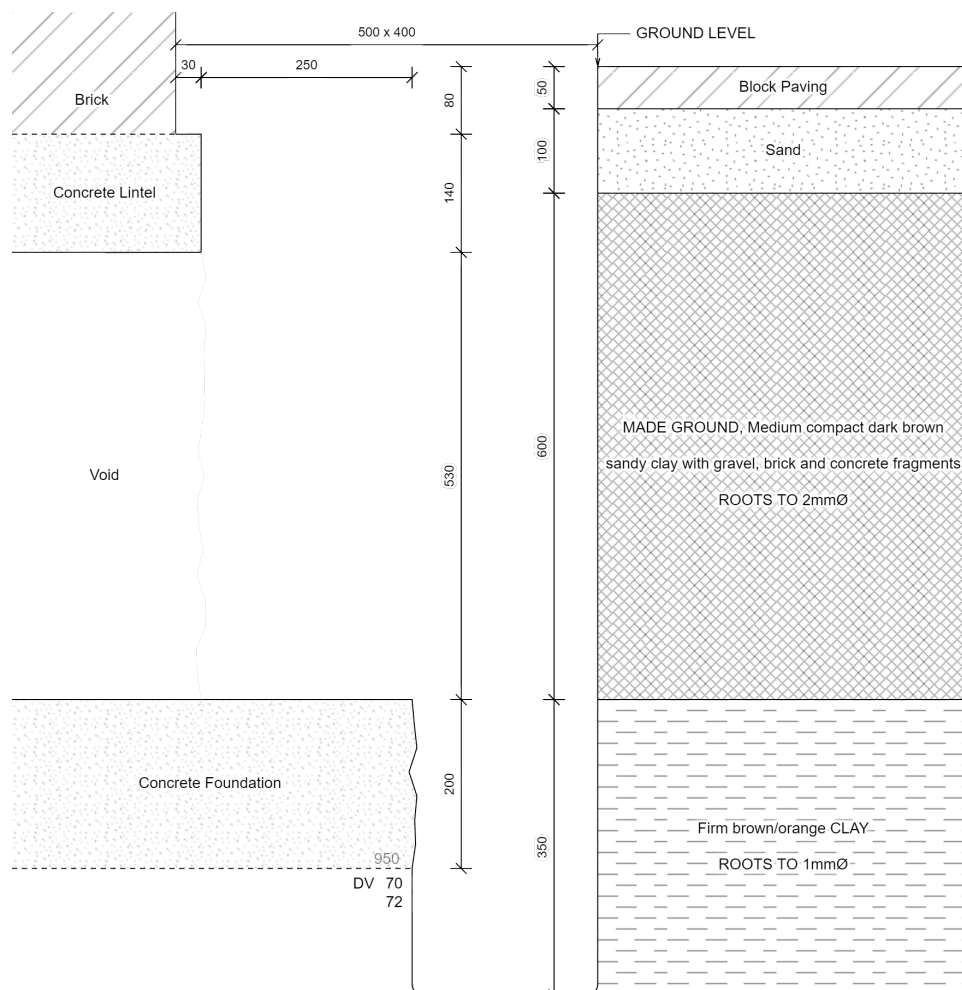
JOB NO: 578858

EXCAVATION METHOD: Hand tools

DATE: 21/03/2023

SITE: 21 Clarence Road

WEATHER: Dry



For Strata below 1100mm 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:

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 Amended report. This test report supersedes test report version 1 -

For and on behalf of CTS
 Scott Alger - Lab



Approved Signatory
 Report date 21-Mar-23

[illegible]

SITE INVESTIGATION LABORATORY TEST REPORT

SI REPORT NUMBER: 578858

CLIENT : CET Property Assurance (Sedgwick International UK)

SITE:
21 Clarence Road
London
N22 8PG

DATE OF SITE VISIT:
02/03/2023

DATE RECEIVED BY LABORATORY:
08/03/2023

Compiled by : M.Winn
M. Winn - Senior Laboratory Technician

Approved by :
C Major - Deputy Laboratory Manager

DATE REPORTED: 22-Mar-2023

Laboratory Summary Results

Our Ref :578858

Date Sampled :02/03/2023

Location :21 Clarence Road

Date Received :08/03/2023

Client :CET Property Assurance (Sedgwick International UK)

Date Tested :21/03/2023

Address :Unit 4, Boundary Court, Willow Farm Business Park, Castle Donington, DE74 2NN

Date of Report :22/03/2023

Sample Ref		Type	Moisture Content	Soil Fraction	Liquid Limit	Plastic Limit	Plasticity Index	Liquidity * Index	Modified * Plasticity Index	Soil * Class	Filter Paper Contact Time	Soil Sample Suction	Oedometer Strain	Estimated * Heave Potential (Dd)	In situ * Shear Vane Strength	Organic * Content	pH Value	Sulphate Content		* Class
TP/BH No	Depth (m)																	SO3 (g/l) *	SO4 (mg/l)	
			(%) [1]	(%) [2]	(%) [3]	(%) [4]	(%) [5]	[5]	(%) [6]	[7]	(d)	(kPa) [8]	[9]	(mm) [10]	(kPa) [11]	(%) [12]	[13]	[14]	[15]	[16]
1	U/S 0.75	D	35	<5	82	30	52	0.10	52	CV					72					
	1.0	D	32	<5											84					
	1.5	D	31	<5	77	27	50	0.09	50	CV										
	2.0	D	30	<5											> 140					
	2.5	D	31	<5	79	27	52	0.08	52	CV										
	3.0	D	31	<5											> 140					
	3.5	D	30	<5	79	29	50	0.02	50	CV										
	4.0	D	29	<5											> 140					
	4.5	D	29	<5																
	5.0	D	29	<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 5930 : 2018 : Figure 8 - Plasticity Chart for the classification of fines soils

[8] Building Research Establishment Information Paper 4/93

[9] In Accordance with BS 1377-5 : 1990 : Clause 3

[10] Estimated Heave Potential (Dd)

[11] Values of shear strength were determined in situ by CTS using a Pilcon hand vane or Geonor vane (GV).

[12] BS 1377 : Part 3 : 2018 + A1 2021 Clause 4 - Tested By CTS Leicester

[13] BS 1377 : Part 3 : 2018 + A1 2021 Clause 12 - Tested By CTS Leicester

[14] Sulphate content as SO3 as required by BS 1377: Part 3: 1990 has been provided for information purposes - Tested By CTS Leicester

[15] BS 1377 : Part 3 : 2018 + A1 2021 Clause 7.6 - Tested By CTS Leicester

[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.

PSD Chart - BS 1377: Part 2 : 1990, Test No 9.2

* 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

ENP Essentially Non-Plastic by inspection

U/S Underside of Foundation

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Our Ref :

578858

Location :

21 Clarence Road

Client:

CET Property Assurance (Sedgwick International UK)

Address:

Unit 4, Boundary Court, Willow Farm Business Park, Castle Donington, DE74 2NN

Laboratory Testing Results

Date Sampled :

02/03/2023

Date Received :

08/03/2023

Date Tested :

21/03/2023

Date of Report :

22/03/2023

Sample Ref.		Type	Moisture Content (%) [1]	Soil Fraction > 0.425mm (%) [2]	Liquid Limit (%) [3]	Plastic Limit (%) [4]	Plasticity Index (%) [5]	Liquidity * Index [5]	Modified * Plasticity Index (%) [6]	Soil * Class [7]	Filter Paper Contact Time (d)	Soil Sample Suction (kPa) [8]	Oedometer Strain [9]	Estimated * Heave Potential (Dd) (mm)[10]	In situ * Shear Vane Strength (kPa) [11]	Organic * Content (%) [12]	pH Value [13]	Sulphate Content		* Class [16]
TP/BH No.	Depth (m)																	SO3 (g/l) * [14]	SO4 (mg/l) [15]	
2	U/S 0.95	D	35	<5	76	26	50	0.18	50	CV					71					
	1.5	D	29	<5																
	2.0	D	28	<5	80	27	53	0.03	53	CV					> 140					
	2.5	D	27	<5																
	3.0	D	29	<5	78	27	51	0.03	51	CV					> 140					
	3.5	D	31	<5																
	4.0	D	31	<5	80	28	52	0.05	52	CV					> 140					
	4.5	D	30	<5																
	5.0	D	30	<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 5930 : 1981 : Figure 31 - Plasticity Chart for the classification of fine soils.

[8] Building Research Establishment Information Paper 4/93

[9] In Accordance with BS 1377-5 : 1990 : Clause 3

[10] Estimated Heave Potential (Dd)

[11] Values of shear strength were determined in situ by CTS using a Pilcon hand vane or Geonor vane (GV).

[12] BS 1377 : Part 3 : 2018 + A1 2021 Clause 4 - Tested By CTS Leicester

[13] BS 1377 : Part 3 : 2018 + A1 2021 Clause 12 - Tested By CTS Leicester

[14] Sulphate content as SO3 as required by BS 1377: Part 3: 1990 has been provided for information purposes - Tested By CTS Leicester

[15] BS 1377 : Part 3 : 2018 + A1 2021 Clause 7.6 - Tested By CTS Leicester

[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.

PSD Chart - BS 1377: Part 2 : 1990, Test No 9.2

* 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

ENP

Essentially Non-Plastic by inspection

U/S

Underside of Foundation



Test results reported relate only to the items tested.

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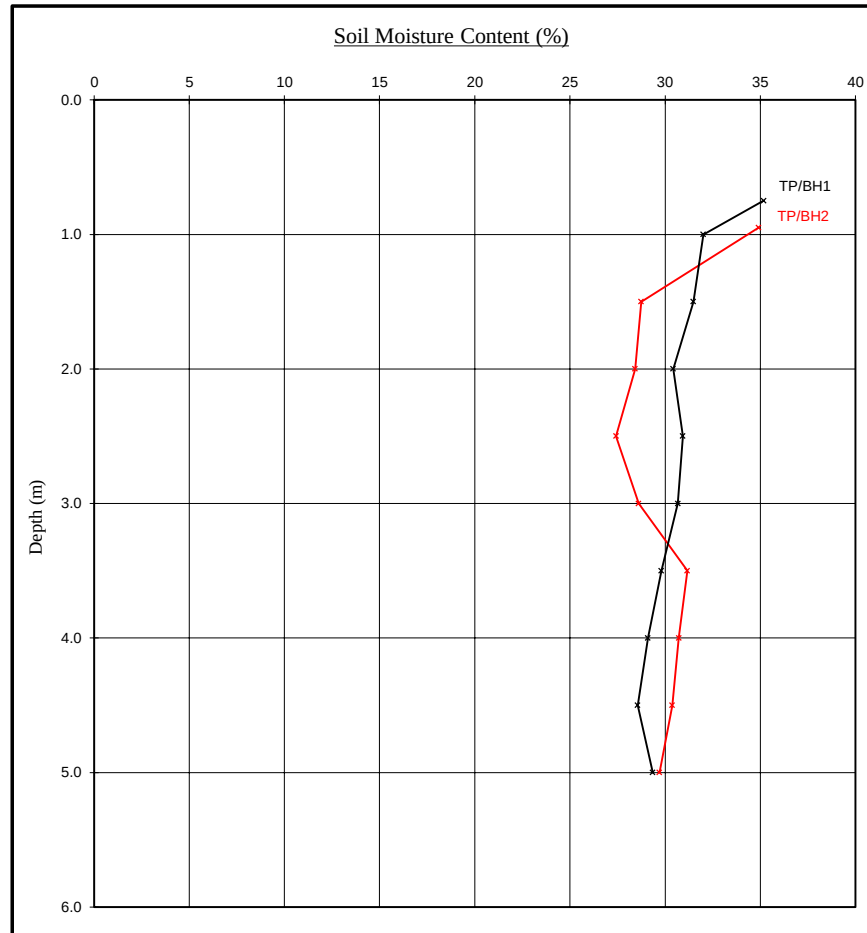
Construction Testing Solutions Ltd - Quarry Farm View, Bowbridge Lane, Balderton, Newark, NG24 3BZ

Version: 5BH V3.8 - 17.03.2023

4161

Moisture Content Profiles

Our Ref : 578858
Location : 21 Clarence Road
Work carried out for: CET Property Assurance (Sedgwick International UK)

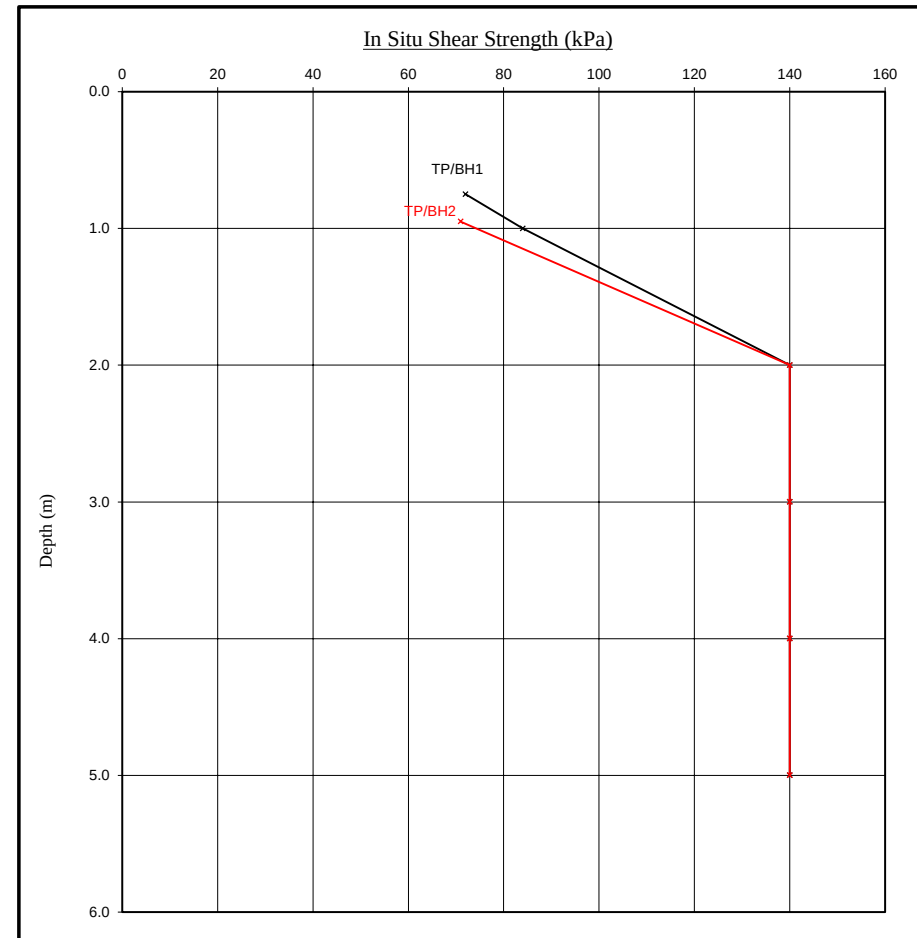


Notes

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 : 02/03/2023
Date Received : 08/03/2023
Date Tested : 21/03/2023
Date of Report : 22/03/2023



Note

1. Unless otherwise stated, values of Shear Strength were determined in situ by CTS using a Pilcon 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.

Construction Testing Solutions
4 Oak Spinney Park
Ratby Lane
Leicester Forest East
Leicestershire
LE3 3AW

Intec
Parc Menai, Bangor,
Gwynedd, North Wales
LL57 4FG
Tel: 01248 672652
Fax: 01248 672601

ROOT IDENTIFICATION

21 Clarence Road

Client Reference: 578856
Report Date: 16 March 2023
Our Ref: R51497

Sub Sample	Species Identified	Root Diameter	Starch
TP1:			
USF	too small and juvenile for identification	1	<1 mm Absent
BH1:			
to 1.8m	Leguminosae spp.	2	<1 mm Abundant
TP2:			
USF	broadleaved species, too juvenile for positive identification		<1 mm Absent
BH2:			
to 2.5m	<i>Eucalyptus</i> spp.	3	<1 mm Low

Comments:

- 1 - Plus 1 other the same.
- 2 - Plus 2 others also identified as Leguminosae spp.
- 3 - Plus 1 other also identified as *Eucalyptus* spp.

Leguminosae spp. include laburnum, *Robinia* (false acacia or locust), broom, the pagoda tree and the climber wisteria.
Eucalyptus spp. are gum trees.

Signed: R. Shaw

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

