



Geotechnical Survey Report

FSI Ref: 25982
Issue Date: January 2023

Risk Address: 164 Hampstead Way
London
NW11 7XD

Engineer: Steve Jordan

Company: Claims Consortium Group
Claim Ref: 0652906207

Managing Director:
Finance Director:

Martin Rush MSc FGS
Louise Banks BSc (Hons)

Geotechnical Compliance &
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Perry Martin MCIHT

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Jade McLellan

Senior Geologist:
Assistant Geologist:
Geotechnical Assistant:

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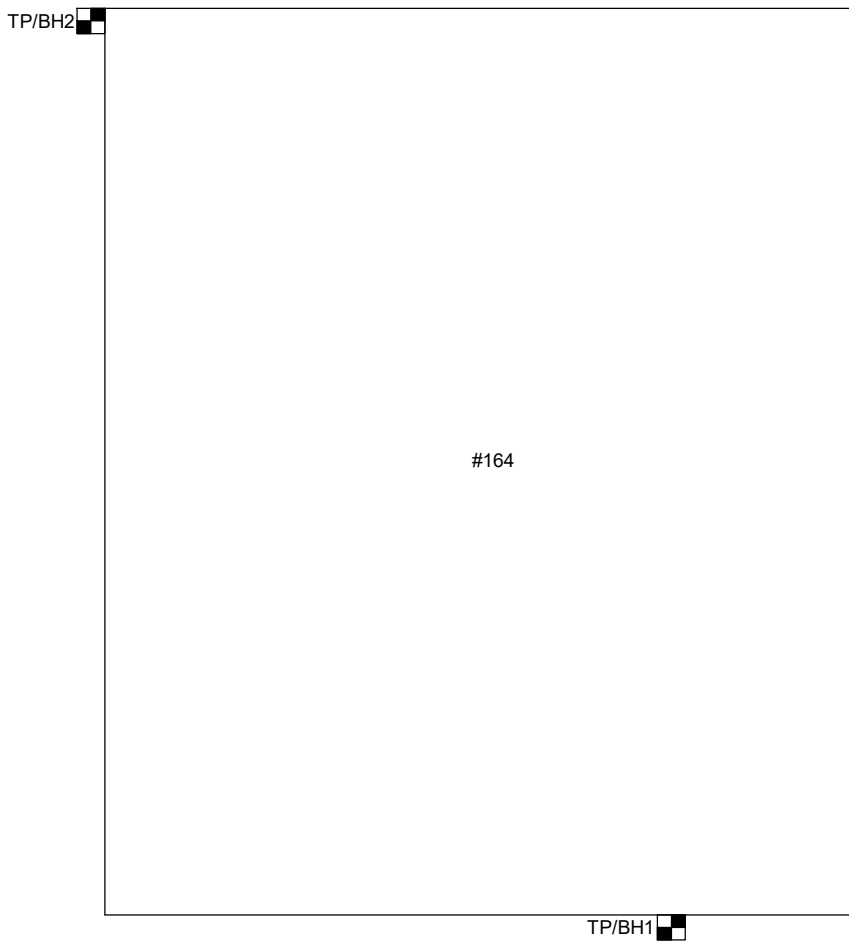
SITE PLAN

Property Address: 164 Hampstead Way, London NW11 7XD











Client Claim Ref: 0652906207

Survey date: 06/01/2023

Operative: SE2



Front

Scale:	Drawn by:	Key:							
NTS	SB	 Trial Pit	 Manholes	 Rain Water Pipe	 Surface Water Gully	 Shrub	 Tree (Conifer)	 Tree (Deciduous)	
		 Borehole	 Soil & Vent Pipe	 Foul Water Gully					

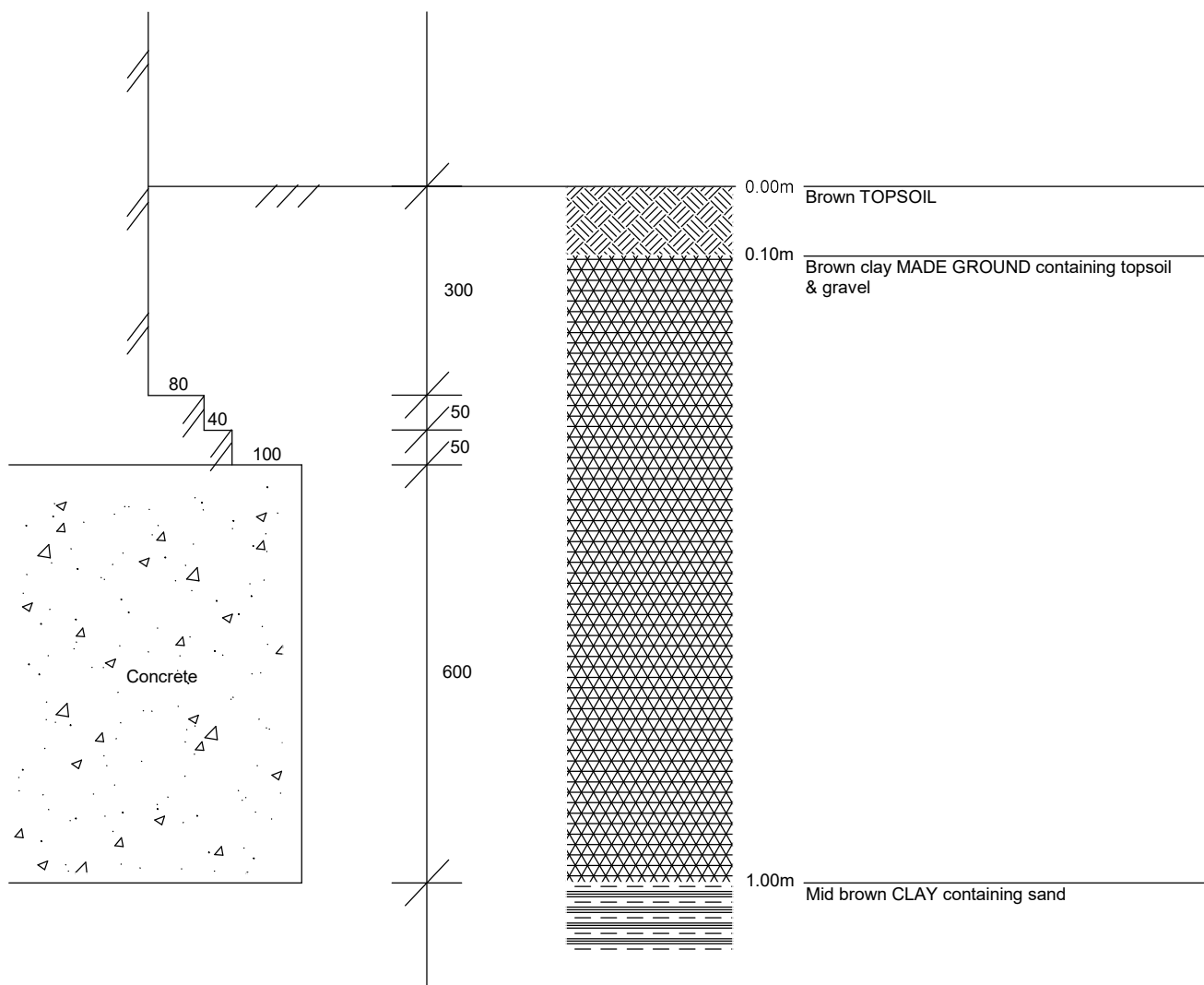
TRIAL PIT 1

Property Address: 164 Hampstead Way, London NW11 7XD

Client Claim Ref: 0652906207

Survey date: 06/01/2023

Operative: SE2



D1 @ F.L. (1.00m)
 V = 75-80kPa
 Founding strata: Mid brown CLAY containing sand

Trial Pit Location: 	Drawn by: <p style="text-align: center;">SB</p>
Scale: <p style="text-align: center;">1:10</p>	

D= small disturbed sample, B= large bulk sample, U= undisturbed sample, MP= mackintosh probe blow counts, V= shear vane reading (kPa)



Fastrack Site Investigations Ltd
Unit 9, Tyndales Farm
Southend Road
Maldon CM9 6TQ

Borehole Log

Borehole No.

BH1

Sheet 1 of 1

Project Name: 0652906207

Project No.
25982

Site Date: 06/01/2023

Hole Type
BH

Location: 164 Hampstead Way, London NW11 7XD

Scale
1:17

Client: Claims Consortium Group

Logged By
SE2

Water Strikes	Sample and In Situ Testing			Depth (m)	Legend	Stratum Description
	Depth (m)	Type	Results			
				0.10		Brown TOPSOIL
						Brown clay MADE GROUND containing topsoil & gravel
						<i>Foundation top-0.30m (Two brick step outs projects 80 & 40mm with a thickness of 50mm each. Concrete construct projects 100mm with a thickness of 600mm respectively)</i>
	1.00	D	V (kPa) = 75 V (kPa) = 80	1.00		Mid brown CLAY containing sand <i>Foundation level-1.00m</i> <i>Noted to contain 1-2mm roots at F/L</i>
	1.50	D	V (kPa) = 75 V (kPa) = 80			
	2.00	D	V (kPa) = 79 V (kPa) = 84			
	2.50	D	V (kPa) = 88 V (kPa) = 93	2.50		Mid brown CLAY containing grey mottle and sand
	3.00	D	V (kPa) = 101 V (kPa) = 96	3.00		End of Borehole at 3.000m

Key: D - Disturbed Sample V - Insitu Vane Test MP - Mackintosh Probe Test

Remarks: Borehole closed at 3.00m.
Borehole noted to be dry on completion.



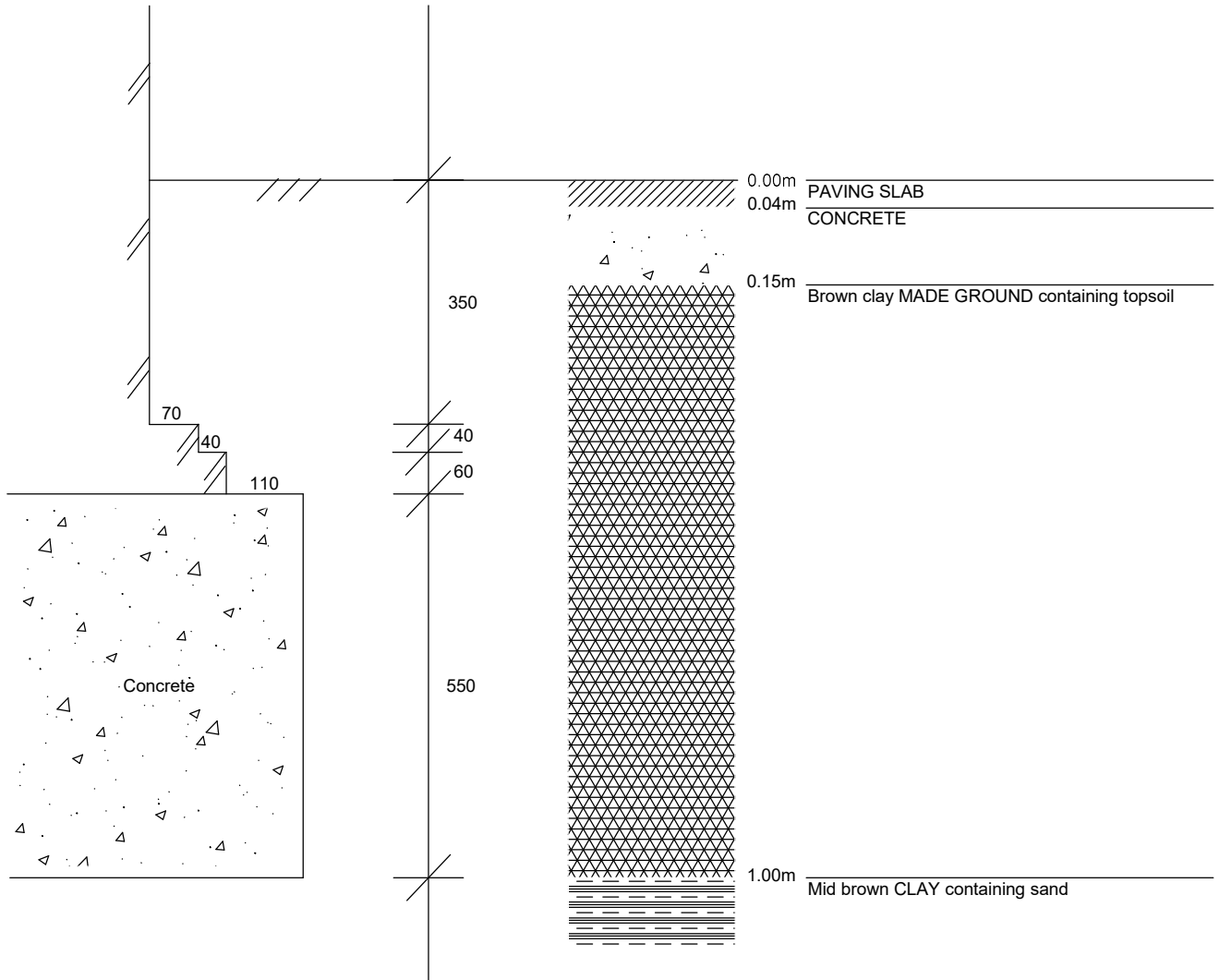
TRIAL PIT 2

Property Address: 164 Hampstead Way, London NW11 7XD

Client Claim Ref: 0652906207

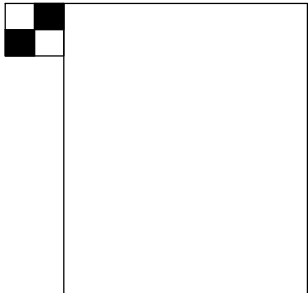
Survey date: 06/01/2023

Operative: SE2



D1 @ F.L. (1.00m)
V = 69-74kPa
Founding strata: Mid brown CLAY containing sand

D= small disturbed sample, B= large bulk sample, U= undisturbed sample,
MP= mackintosh probe blow counts, V= shear vane reading (kPa)

<p>Trial Pit Location:</p> 	<p>Drawn by:</p> <p style="text-align: center;">SB</p>
<p>Scale:</p> <p style="text-align: center;">1:10</p>	



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Southend Road
Maldon CM9 6TQ

Borehole Log

Borehole No.

BH2

Sheet 1 of 1

Project Name: 0652906207

Project No.
25982

Site Date: 06/01/2023

Hole Type
BH

Location: 164 Hampstead Way, London NW11 7XD

Scale
1:17

Client: Claims Consortium Group

Logged By
SE2

Water Strikes	Sample and In Situ Testing			Depth (m)	Legend	Stratum Description	
	Depth (m)	Type	Results				
				0.04		PAVING SLAB CONCRETE	
				0.15		Brown clay MADE GROUND containing topsoil	
						<i>Foundation top-0.35m (Two brick step outs projects 70 & 40mm with a thickness of 40 & 60mm respectively)</i>	
	1.00	D	V (kPa) = 69 V (kPa) = 74	1.00		Mid brown CLAY containing sand <i>Foundation level-1.00m</i> <i>Noted to contain 1-3mm roots at F/L</i>	1
	1.50	D	V (kPa) = 76 V (kPa) = 81			<i>Noted to contain 1-3mm roots at 1.50m</i>	
	2.00	D	V (kPa) = 83 V (kPa) = 87			<i>Noted to contain 1-3mm roots at 2.00m</i>	2
	2.50	D	V (kPa) = 87 V (kPa) = 93	2.50		Mid brown CLAY containing grey mottle & sand	
	3.00	D	V (kPa) = 100 V (kPa) = 95	3.00		End of Borehole at 3.000m	3

Key: D - Disturbed Sample V - Insitu Vane Test MP - Mackintosh Probe Test

Remarks: Borehole closed at 3.00m.
Borehole noted to be dry on completion.





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Appendix No: 3
FSI Ref: 25982

LABORATORY RESULTS

Property Address: 164 Hampstead Way, Barnetm London, NW11 7XD
Client Claim Ref: 652906207 **Client:** Claims Consortium Group

SAMPLE DETAILS	ANALYSIS REQUESTED
Investigation date: 06/01/2023	Moisture Content <input checked="" type="checkbox"/> PSD <input type="checkbox"/>
Sample details: Bags as received	Liquid Limit <input checked="" type="checkbox"/> Soil Suction <input type="checkbox"/>
Samples received: 12/01/2023	Plastic Limit <input checked="" type="checkbox"/> Shear Strength <input type="checkbox"/>
Schedule recieved: 12/01/2023	Plasticity Index <input checked="" type="checkbox"/> Contamination <input type="checkbox"/>
Samples tested: 17/01/2023-20/01/2023	Root ID <input checked="" type="checkbox"/> Root/Tree DNA <input type="checkbox"/>
Results reported: 20/01/2023	Other (please state) _____ <input type="checkbox"/>

TEST DETAILS

General

Sample descriptions were written in accordance with BS 5930:1999.

Samples were prepared in accordance with BS 1377: Part 1: 1990, section 7

Samples from this contract will be retained for 1 calender month following the issue of this report unless otherwise notified

Written approval is required from Fastrack Site Investigations Limited to reproduce report in full. The results shown within this report only relate to the samples tested

Moisture Content

Samples were tested in accordance with BS 1377: Part 2: 1990, section 3.2 (Oven drying method)

In accordance with Note 1 to paragraph 3.2.4 of BS 1377 Part 2 1990; these moisture contents have been corrected to give the equivalent moisture content of the fraction passing the 425µm sieve, to enable comparison with the liquid & plastic limits. (If condition of test is 'natural' the retained percentage is an estimated value, if condition is 'washed' the percentage is a measured value).

Samples are dried at 105-110°C unless otherwise stated.

Atterberg Limits

Samples were tested in accordance with BS 1377: Part 2: 1990, section 4.3 (4 drop LL), 4.4 (1 drop LL), 5.3 (PL) and 5.4 (PI)

Test results on samples with a sand content, may show less accurate results. If condition of test is 'washed' results relate to the fraction passing the 425µm sieve only.

* *Driscoll's rules deem the soil to be desicated where the moisture content is less than the value calculated using driscoll's rule 1 and/or 2*

Particle Size Distribution

Samples were tested in accordance with BS 1377: Part 2: 1990 section 9.2 (Wet sieving method)

Undrained Shear Stength

Samples were prepared in accordance with BS 1377: Part 7: 1990 section 8.3 and testing in accordance with BS 1377: Part 7: 1990: section 8.4 (undrained shear strength in triaxial compression without measurement of pore pressure (UU))

Soil Suction

Samples were prepared and tested based on the BRE digest No:IP4/93 (Corrected). 'A method of determining the state of desiccation in clay soils.' (Filter paper method).

Test results on samples with a sand or silt content, may show less accurate results. Deviation to standard procedure - Polythene bags are not used from weighing filter papers.

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ROOT IDENTIFICATION

164 Hampstead Way,

Client Reference: 25982
Report Date: 19 January 2023
Our Ref: R50090

Sub Sample	Species Identified	Root Diameter	Starch
BH1:			
1m	probably <i>Philadelphus</i> spp.	1 mm	Abundant
BH2:			
1m	probably <i>Philadelphus</i> spp.	1 mm	Abundant
1.5m	<i>Aesculus</i> spp.	3 mm	Abundant
2m	<i>Aesculus</i> spp.	1 mm	Low

Comments:

Philadelphus spp. include mock orange.
Aesculus spp. are horse chestnuts.

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.

