

Site Investigation Report

Auger Ref:

102230.4.TSI



Job Information

Client	Sedgwick International UK
Client ref	8767150
Visit date	09/07/2020
Report date	09/07/2020

Job Summary

- ✓ 1 trial hole undertaken. [Read more.](#)
- ! TH1 depth not reached. [Read more.](#)
- ! Requested soil samples not taken. [Read more.](#)
- ✓ Requested root samples taken. [Read more.](#)
- ! Unrequested root samples taken. [Read more.](#)



Job Information

Overview

Brief

Auger were commissioned by Sedgwick International UK to undertake a site investigation within the area of concern at the property.

Findings

Trial Hole Findings

We were unable to reach the required depth on TH1 because solid ground was encountered at a depth of 1.1 meters, we carried out a further two remote boreholes and encountered the same issue at the depth of a meter.

We were unable to collect all soil samples from TH1 due to not being able to reach the required depth, only one soil sample has been taken.

We took one root sample in TH1 that we found before encountering solid ground.

Photographs

Trial Hole 1

Fig 1.1: Trial Hole 1 Location



Fig 1.2: Trial Hole 1 Footing



Other Photos

Fig 7.1: Borehole 2



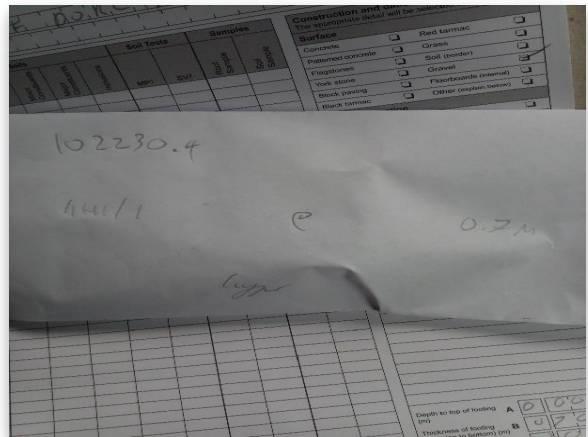
Fig 7.2: Borehole 3

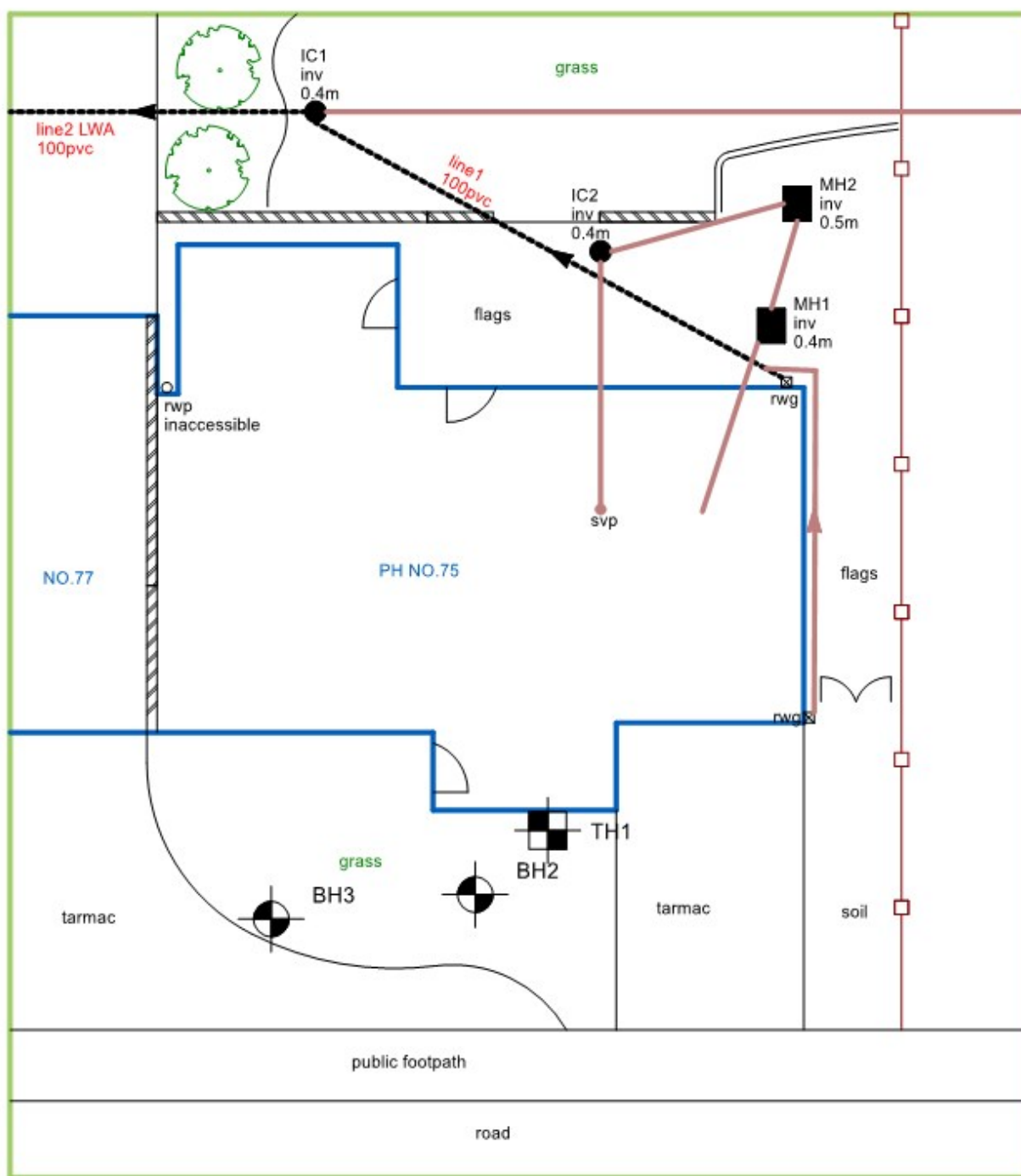


Fig 7.3: Soil Sample Taken



Fig 7.4: Root Sample Taken





FRONT OF PROPERTY

This drawing should be used for diagrammatic purposes only. Auger are not responsible or liable for any 3rd party works undertaken using the details outlined in this drawing. Confirmation of the drainage configuration can only be confirmed by excavation or detailed technical survey.

LEGEND

	= Manhole		= Blockage		= Lines not camera surveyed		= Steps		= Trial hole		= Shrubs/bush
	= Inspection Chamber		= svp/w/c		= Lines camera surveyed		= Assumed water mains feed		= Borehole		= Hedge
	= Inspection Pot		= wg/fwg		= Walls		= Fences		= Direction of flow		= Tree
			= rwp		= Building Outline		= gate / door				



Trial Hole Log No.1

Location: Front of porch

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Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
			SV(19)			
0.0		Ground Level				
		Brickwork				
		Gravel				
		Brick Footing (No Proj)				
0.5						
1.0		Brown silty CLAY	88kpa		Soil @ 0.7m	Root @ 0.7m
		TRIAL HOLE TERMINATED				
		Hit solid ground at this depth on trial hole, but got the same on 2 other boreholes				
1.5						



Geotechnical Testing Analysis Report



environmental +
claims mgmt +
subsidence +
drainage +

Unit 3 & 4,
Heol Aur,
Dafen Ind Estate,
Dafen
Llanelli,
Carmarthenshire,
SA14 8QN

Auger House,
Cross Lane,
Wallasey,
Wirral,
CH45 8RH

Summary Of Claim Details

Policy Holder	Unknown
Risk Address	Unknown
SI Date	09/07/2020
Issue Date	09/07/2020
Report Date	28/07/2020
Auger Reference	102230.4.3.RSS
Insurance Company	Fairmead Insurance Limited
LA Claim Reference	8767150
LA Co. Reference	Sedgwick International UK

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

	Checked	28/07/2020	Wayne Honey	<i>W. Honey</i>
	Approved	28/07/2020	Paul Evans	<i>P. Evans</i>

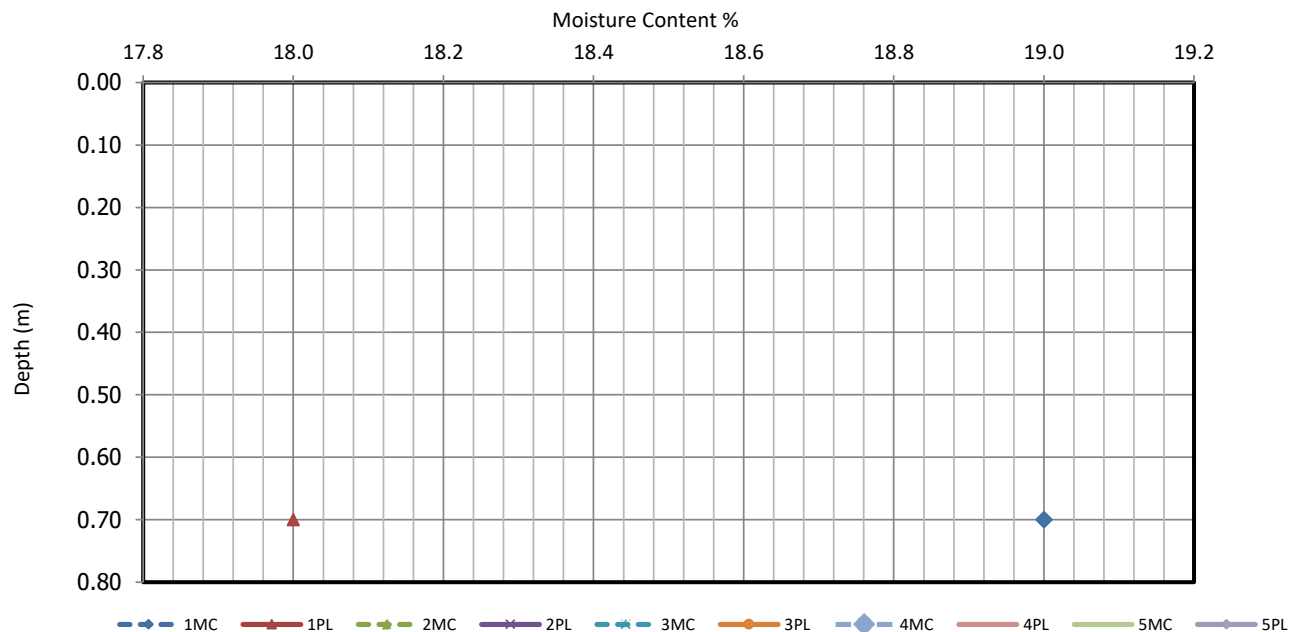


GSTL Contract Number	49301	
Risk Address	Unknown	
Auger Reference	102230.4.3.RSS	

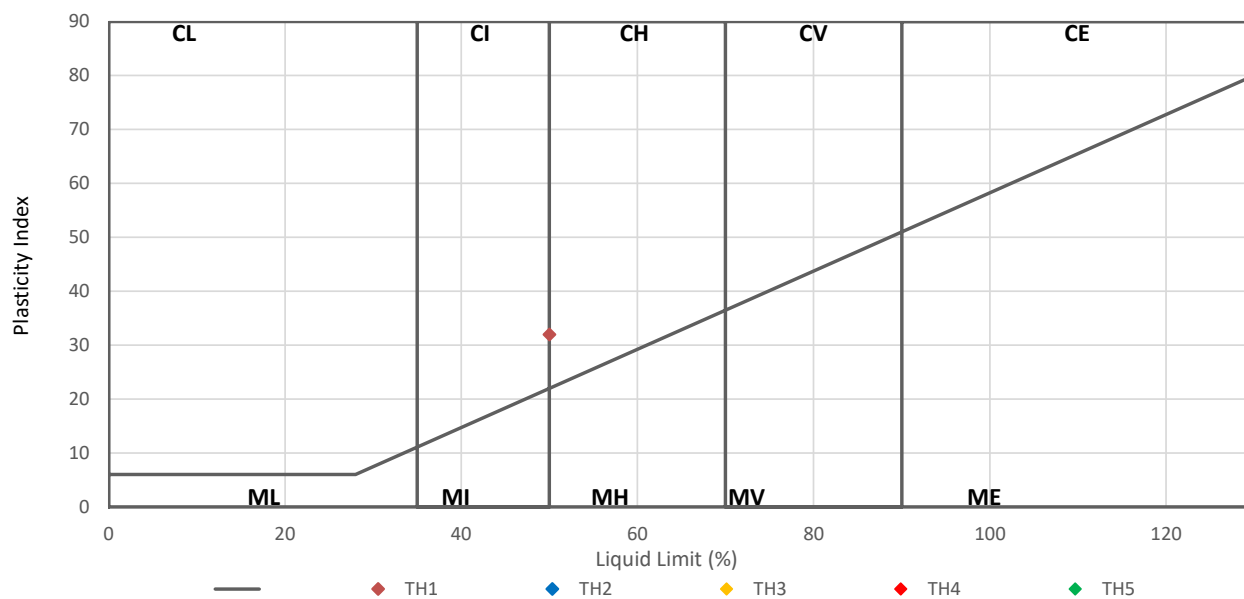
[illegible]

Test Operator	Checked	28/07/2020	Wayne Honey	<i>W. Honey</i>
Luke Williams	Approved	28/07/2020	Paul Evans	<i>P. Evans</i>





PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION
BS 5930:1999+A2:2010



Modified Plasticity Index (PI) <10 : Non Classified
 Modified PI = 10 to <20 : Low volume change potential (LOW VCP)
 Modified PI = 20 to <40 : Medium volume change potential (Med VCP)
 Modified PI = 40 or greater : High volume change potential (HIGH VCP)

The Atterberg Limits May also be used to classify the volume change potential of fine soils using the National House building system, as given in the NHBC's Standards Chapter 4.2 (2003) "Building Near Trees"

Test Operator	Checked	28/07/2020	Wayne Honey	W. Honey
Luke Williams	Approved	28/07/2020	Paul Evans	P. Evans







Root identification
Vegetation surveys
Tree/Building investigations
Plant taxonomy

Richardson's Botanical Identifications

Auger Solutions

Auger House

Cross Lane

WALLASEY

Wirral CH45 8RH

17/07/2020

Dr Ian B K Richardson
BSc, MSc, PhD, MRSB, FLS
James Richardson
BSc (Hons. Biology)

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Web: www.botanical.net

Your ref: **102230-4-2**

Our ref: **80/2502**

Dear Sirs

Root ID

The samples you sent in relation to the above have been examined. Their structures were referable as follows:

TH1, 0.7m		
9 no.	Examined root: QUERCUS (Oak).	Alive, recently*.
2 no.	Both pieces of BARK only - insufficient material for recognition.	
3 no.	Unfortunately all with insufficient cells for identification.	

Click here for more information: [QUERCUS](#)

I trust this is of help. Please call us if you have any queries; our Invoice is enclosed.

Yours faithfully

Dr Ian B K Richardson

* Based mainly on the Iodine test for starch. Starch is present in some cells of a living woody root, but is more or less rapidly broken down by soil micro-organisms on death of the root, sometimes before decay is evident. This result need not reflect the state of the parent tree.

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