

Site Investigation Report

Auger Ref:

152016.1.TSI



Job Information

Client	Sedgwick
Client ref	9635191
Visit date	18/05/2023
Report date	09/06/2023

Job Summary

- ✓ 1 trial hole undertaken. [Read more.](#)
- ! Unable to locate footing in TH1 [Read more.](#)



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Job Information

Overview

Brief

Auger were commissioned by Sedgwick to undertake a site investigation within the area of concern (AOC) at the property.

Findings

Trial Hole Findings

Trial Hole 1

Within TH1 we were unable to reveal the footing because of the basement at the property. The Trial Hole was excavated in the proposed location. We took soil and root samples down to the required depth 3m. These measurements are shown in Trial Hole Log 1 below.

If the loss adjuster wishes for the foundations to be exposed we would recommend an internal trial hole. Please further instruct.

Photographs

Trial Hole 1

Fig 1.1: Trial Hole 1 Location



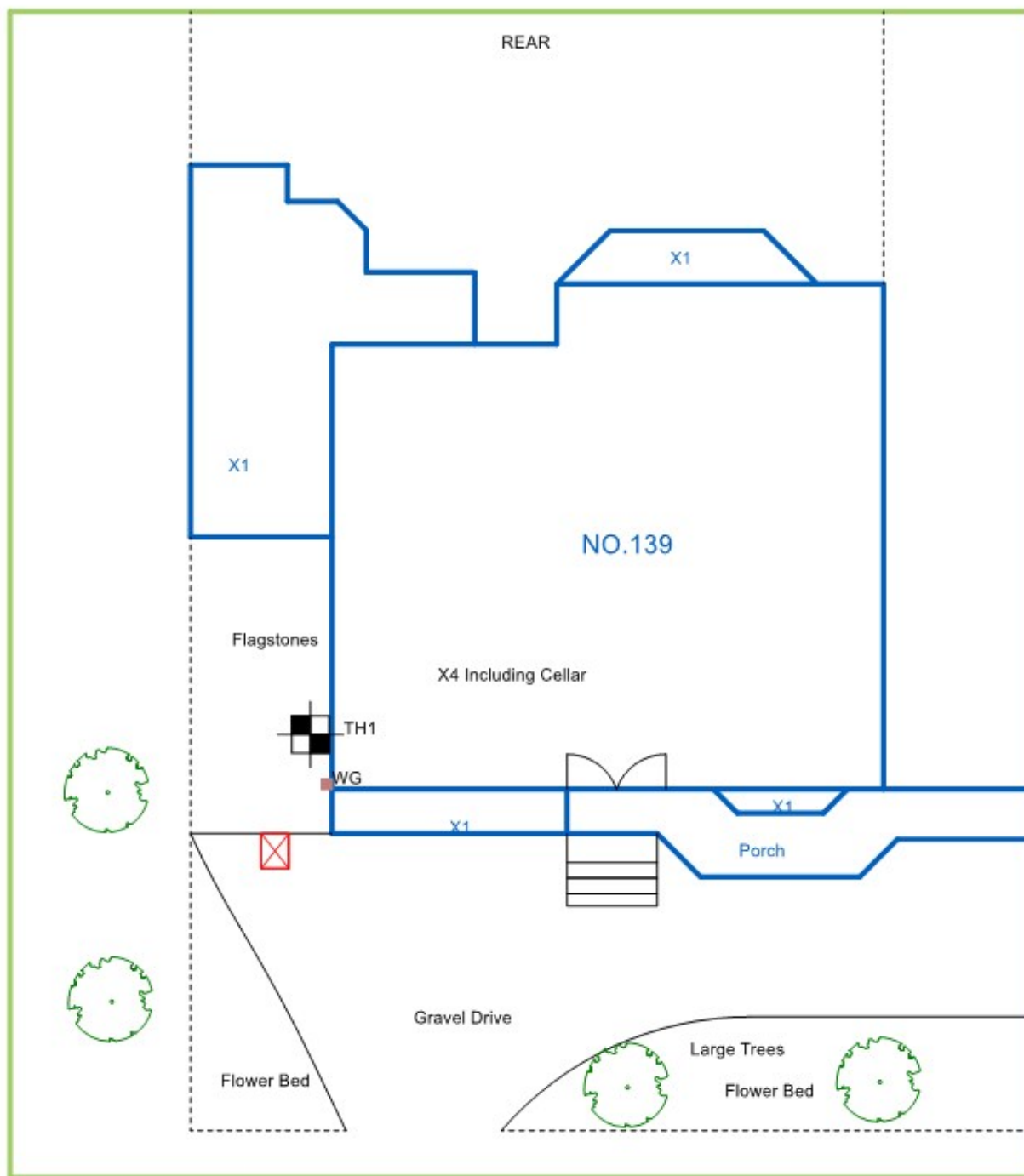
Fig 1.2: Trial Hole 1 Footing



Site Photos

Fig 2.1: Basement





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 (MH)		= Blockage / Collapse		= Lines not camera surveyed		= Trial hole		= Shrubs / Bush
	= Inspection Chamber (IC)		= Soil Vent Pipe (SVP) / WC		= Lines camera surveyed		= Borehole		= Hedge
	= Inspection Point (IP)		= Combined Waste Gully (CWG) / Foul Waste Gully (FWG)		= Assumed water mains feed		= Direction of flow		= Tree
	= Rainwater Gully (RWG)		= Rainwater Pipe (RWP)		= Walls		= Gate / Door		= Steps
	= Fences		= Building Outline		= Fences				

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

***The testing results contained within this report have been performed by GSTL a UKAS accredited laboratory on behalf of Auger.**

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

Summary Of Claim Details

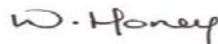
Policy Holder	
GSTL Job Reference	66677
SI Date	18/05/2023
Issue Date	18/05/2023
Report Date	31/05/2023
Auger Reference	152016.1.3.RSS
Insurance Company	Natwest Insurance
LA Claim Reference	9635191
LA Co. Reference	Sedgwick International UK

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 and approved

31/05/2023

Wayne Honey

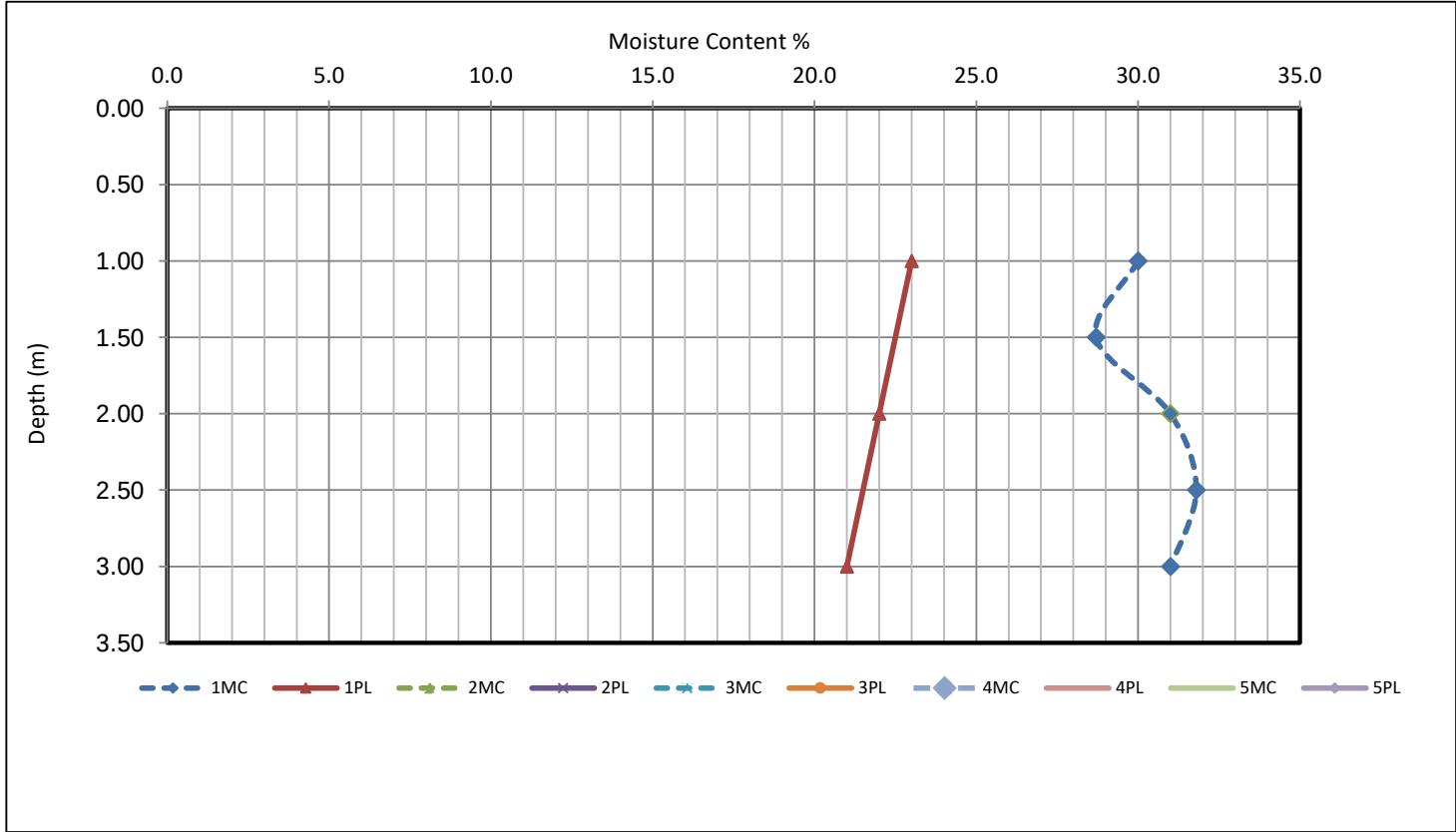



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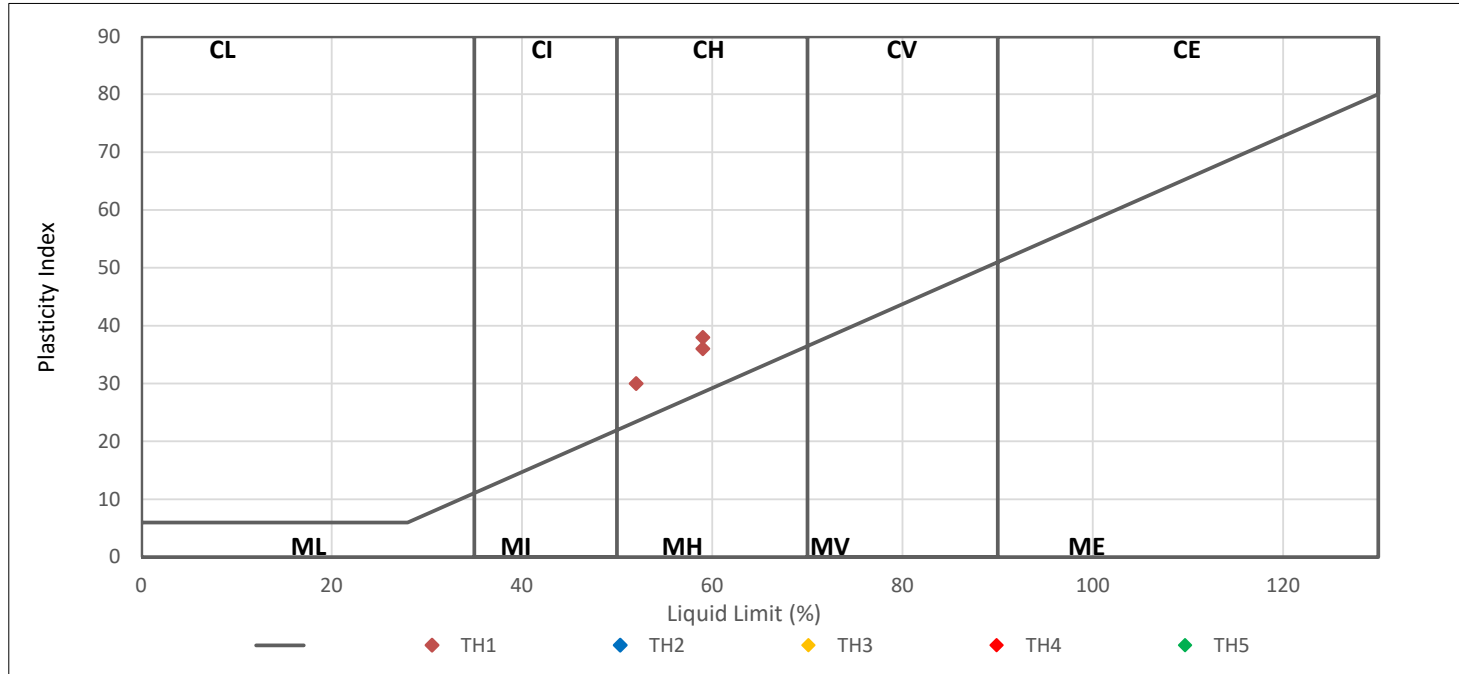


Test Operator
Jason Smith

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Jason Smith



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
Jason Smith

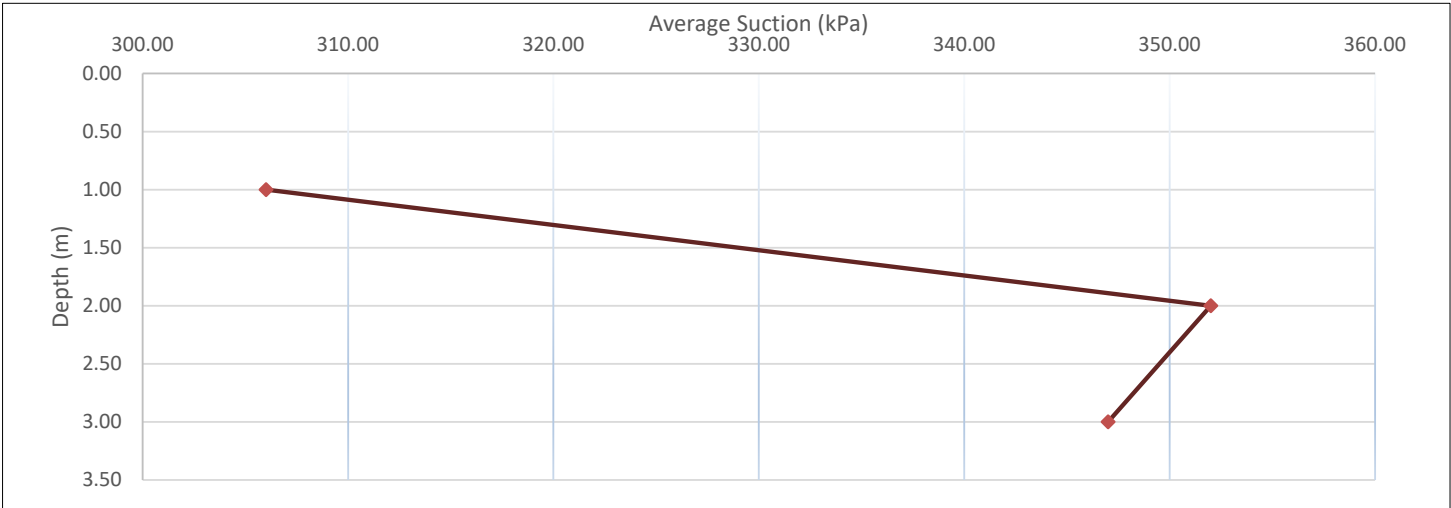
GSTL Contract Number	66677	
Report Date	31/05/2023	
Auger Reference	152016.1.3.RSS	
Remarks	D - Disturbed (Recompacted 2.5kg Rammer), U - Undisturbed Sample	

TH Trial Hole	Depth (m)	Filter Paper Location	Filter Paper	Sample Prep Method	Test Duration (Days)	Water Content (%)	Soil Suction Pk (kPa)	Average Soil Suction Pk (kPa)	Cumulative Heave Potential (mm) from bottom of the hole
TH1	1.00	Top	I	D	5	37.8	306	306	21
TH1		Middle	II	D	5	37.8	306		
TH1		Bottom	III	D	5	37.8	306		
TH1	1.50								
TH1									
TH1									
TH1	2.00	Top	I	D	5	36.9	351	352	9
TH1		Middle	II	D	5	36.9	352		
TH1		Bottom	III	D	5	36.8	353		
TH1	2.50								
TH1									
TH1									
TH1	3.00	Top	I	D	5	37.0	345	347	5
TH1		Middle	II	D	5	37.0	347		
TH1		Bottom	III	D	5	36.9	349		

Heave potential is calculated from the bottom of the hole and heaves above the bottom of the hole are reported as a cumulative value.

The values reported for heave above only apply to the strata the suction and plasticity have been performed on. The shallowest depth reported is assumed to be a strata thickness to GL and Heave is calculated based on that layer thickness, if the next sample is in 0.5m increments the heave is calculated based on the layer thickness of 0.5m and depths 1m from the sample above will include heave over 1m.

Consideration should be made for other stratas where values are not reported and when working out the heave potential over the entire trial hole.



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