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

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Site Investigation Report

Auger Ref:

126495.1.3.RSI

Job Information	
Client	Sedgwick
Client ref	9236859
Visit date	15/09/2021
Report date	15/09/2021

Job Summary

- 1 trial hole undertaken. Read more.
- Unable to locate footing in TH1. Read more.
- Requested soil samples taken. Read more.
- Requested root samples taken. Read more.

Job Information

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

Findings	
Watermain Listening Test	Our test did not reveal a leak within the customers watermain system
Trial Hole Findings	On our first visit Auger excavated to a depth of 1.2m, during this excavation we did not expose the underside of the footing. We then proceeded to Auger down to collect root samples to a depth of 3m. Auger then contacted the loss adjuster to see if they would wish for us to expose the underside of the footing. The loss adjuster advised Auger to return to site to carry out a remote borehole to collect soil samples. Hence we returned to complete a single borehole nearby TH1, the findings for both visits can be seen below

Photographs

Site investigation

Fig 1.1: Borehole 1 Location

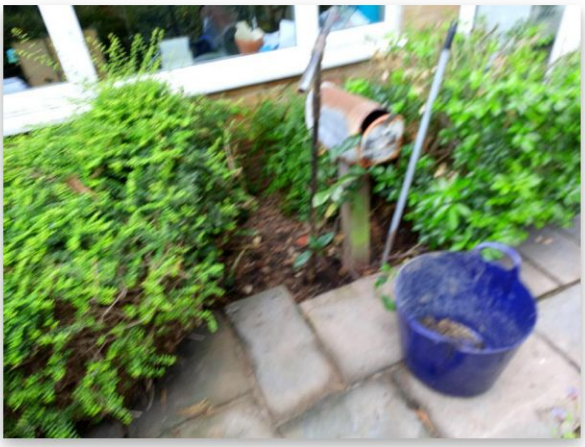

Fig 1.2: Trial Hole 1 Location

Fig 1.3: Trial Hole 1 Footing

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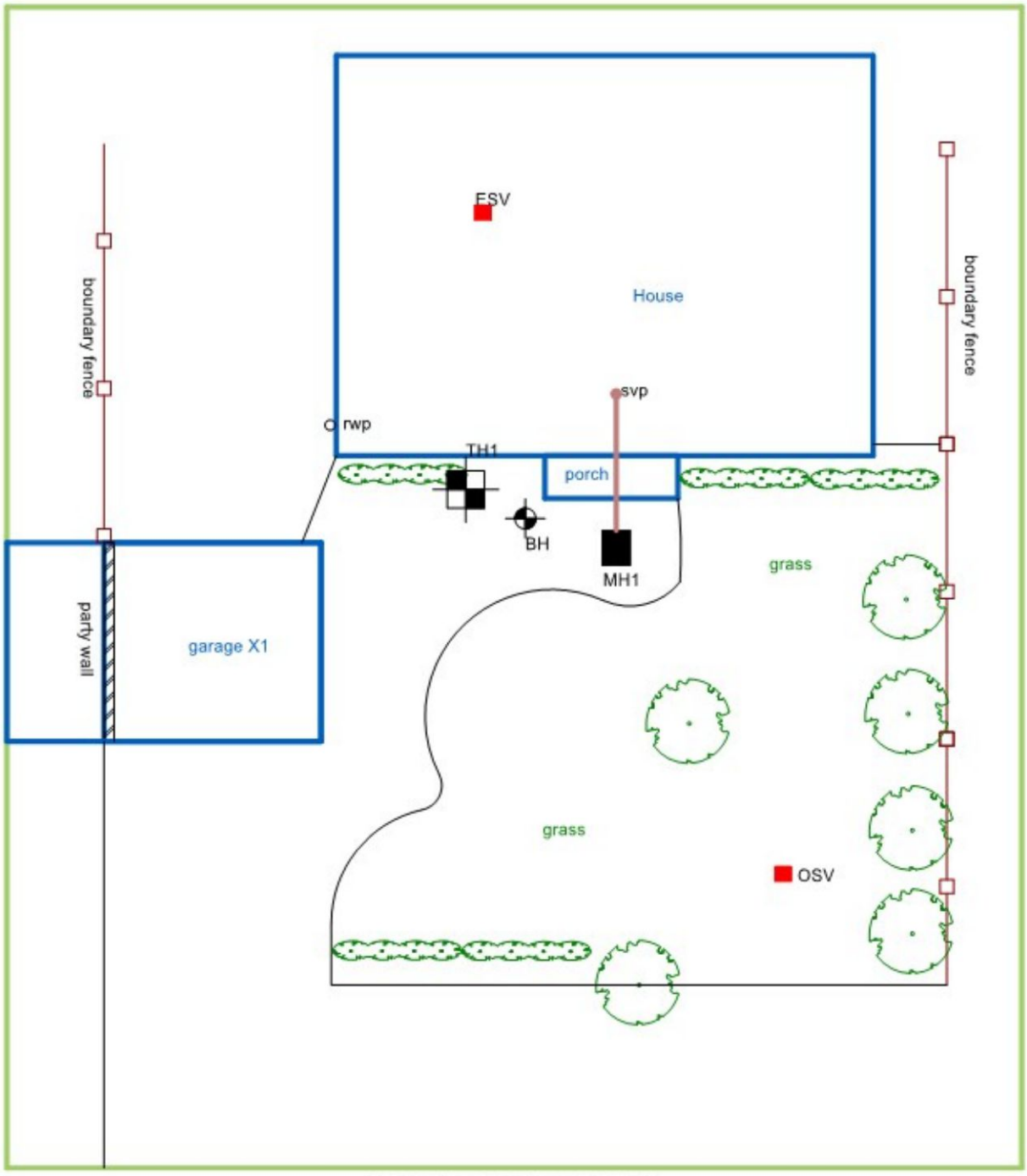
Existing Layout

Job Ref: 126495.3

Date: 23/08/2021



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

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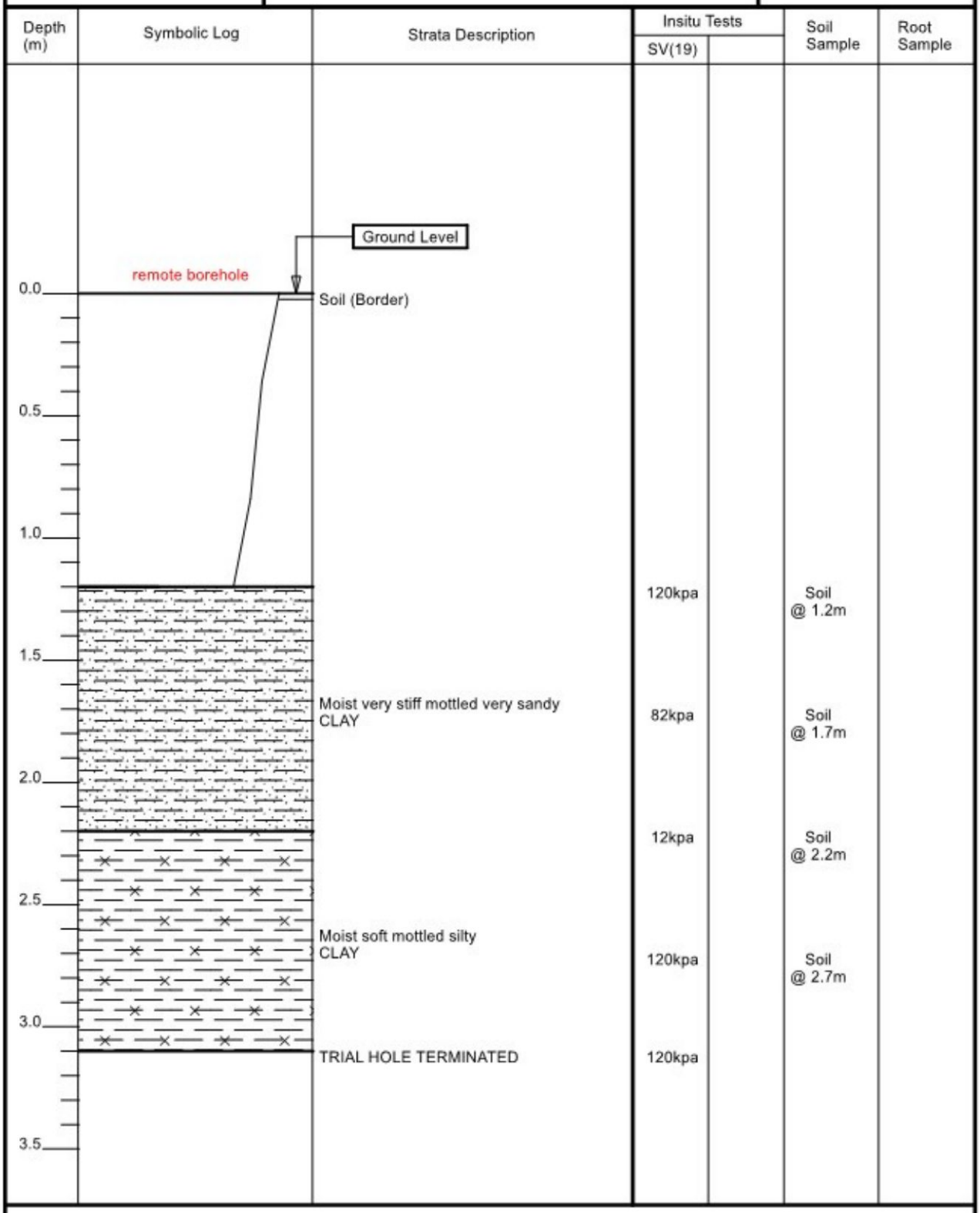
Borehole Log No.1

Location: Front wall of the house

Job Ref: 126495.1.3.RSI



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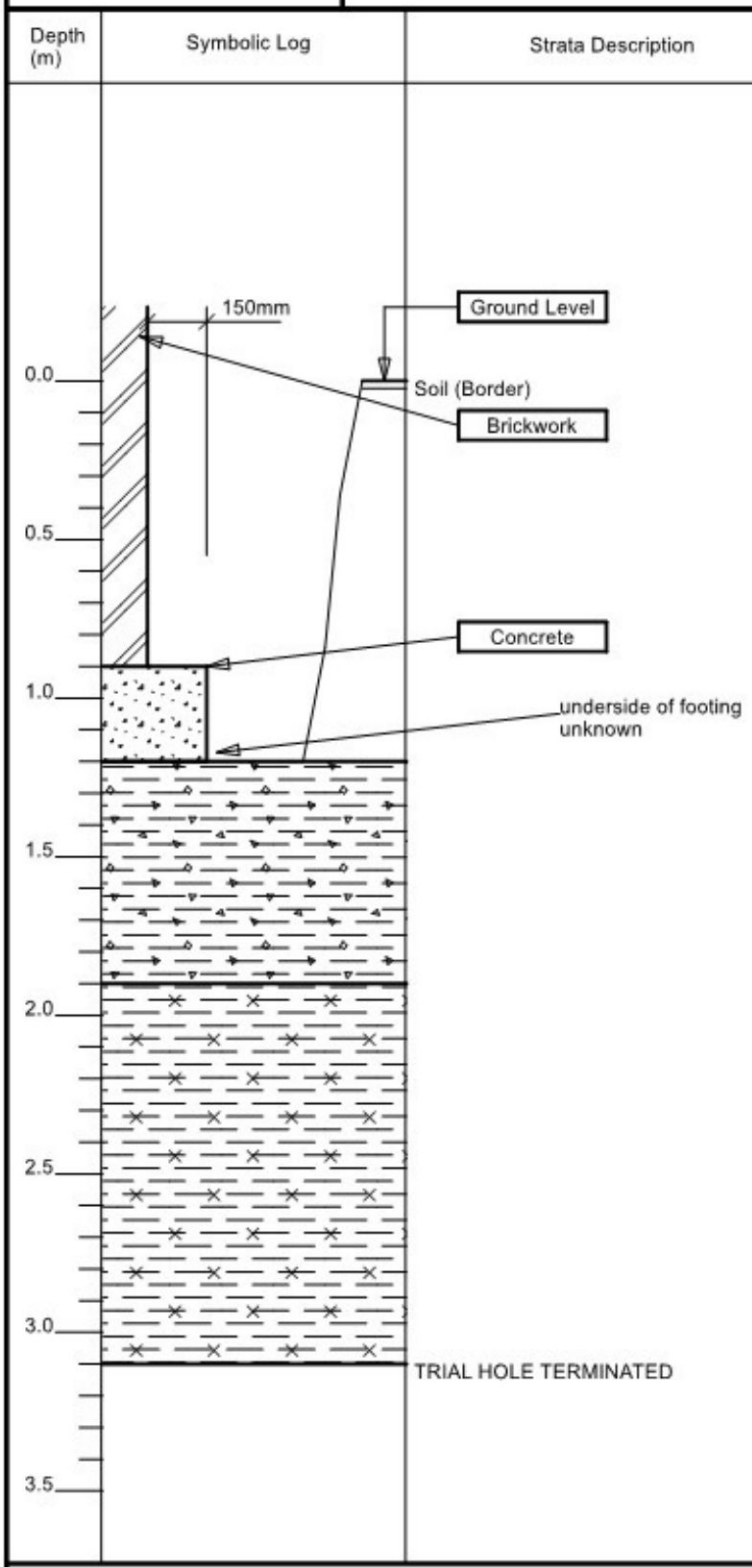
Trial Hole Log No.1

Location: Front wall of the house

Job Ref: 126495.1.TSI



Insitu Tests SV(19)	Soil Sample	Root Sample
64kpa		Root @ 1.2m
68kpa		Root @ 1.7m
72kpa		
80kpa		
88kpa		
88kpa		

Richardson's Botanical Identifications

Root identification
Vegetation surveys
Tree/Building investigations
Plant taxonomy

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

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49-51 Whiteknights Road
Reading
RG6 7BB

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E-mail: richardsons@botanical.net
Web: www.botanical.net

Auger Solutions
Auger House
Cross Lane
WALLASEY
Wirral CH45 8RH

Your ref: **126495-1-1**

Our ref: 82/8002

10/09/2021

Dear Sirs

Root ID

The samples you sent in relation to the above on 23/08/2021 have been examined. Their structures were referable as follows:

TH1, 1.2m		
4 no.	Examined root: a conifer - particularly like the family CUPRESSACEAE (cypresses ('macrocarpa', 'Leylandii' etc.), Thuja (Western Red Cedar), Junipers).	Dead*.
TH1, 1.7m		
3 no.	Examined root: the family CUPRESSACEAE (as listed above).	Dead*.
1 no.	Although examined microscopically, this was found to be only a section of either twig, stem or sucker - NOT a root. Not identified.	

Click here for more information: CUPRESSACEAE

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

Yours faithfully

[redacted]

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.

Identified with no information on vegetation, on or off site.

Report commissioned by auger

GSTL	Geotechnical Testing Analysis Report	auger environmental + claims mgmt + subsidence + drainage +
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 laborotory on behalf of Auger.	Auger House, Cross Lane, Wallasey, Wirral, CH45 8RH

Summary Of Claim Details

Policy Holder	Unknown
Risk Address	Unknown
SI Date	23/08/2021
Issue Date	23/08/2021
Report Date	29/09/2021
Auger Reference	126495.1.4.RSS
Insurance Company	
LA Claim Reference	9236859
LA Co. Reference	Sedgwick International UK

	Checked	29/09/2021	Wayne Honey	[redacted]
	Approved	29/09/2021	Paul Evans	[redacted]

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GSTL	LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX (BS 1377:1990 - Part 2 : 4.4 & 5.3) DESCRIPTIONS	auger environmental claims mgmt subsidence drainage
GSTL Contract Number	55846	
Risk Address	Unknown	
Auger Reference	126495.1.4.RSS	

TH Trial Hole	Sample Type	Depth (m)	Sample Description
TH1	D	1.20	Brown silty gravelly CLAY.
TH1	D	1.70	Brown silty sandy CLAY.
TH1	D	2.20	Brown silty sandy CLAY.
TH1	D	2.70	Brown silty CLAY.

Test Operator	Checked	29/09/2021	Wayne Honey	[redacted]
Luke Williams	Approved	29/09/2021	Paul Evans	[redacted]

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GSTL	LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX (BS 1377:1990 - Part 2 : 4.4 & 5.3)	auger environmental + claims mgmt + subsidence + drainage +
GSTL Contract Number	**55846**	
Risk Address	**Unknown**	
Auger Reference	**126495.1.4.RSS**	
Remarks	NP - (Non-Plastic), # - (Liquid Limit and Plastic Limit Wet Sieved)	

TH Trial Hole	Sample Type	Depth (m)	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity index %	Passing .425mm %	NHBC Chapter 4.2	Remarks
TH1	D	1.20	17	57	19	38	96	MEDIUM VCP	CH High Plasticity
TH1	D	1.70	14						
TH1	D	2.20	17	62	22	40	100	MEDIUM VCP	CH High Plasticity
TH1	D	2.70	24	69	23	46	100	HIGH VCP	CH High Plasticity

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	29/09/2021	Wayne Honey	[redacted]
Luke Williams	Approved	29/09/2021	Paul Evans	[redacted]

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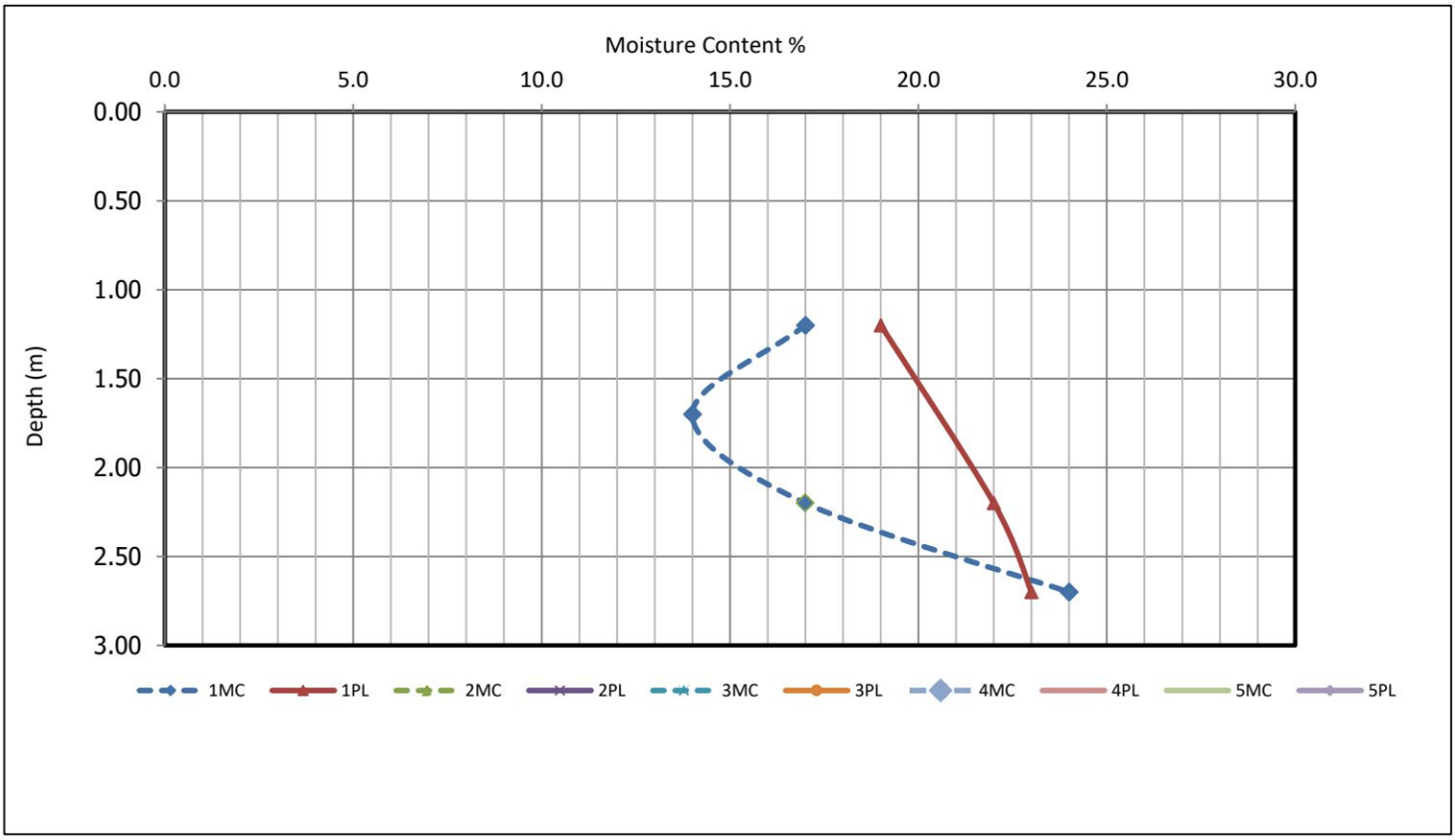
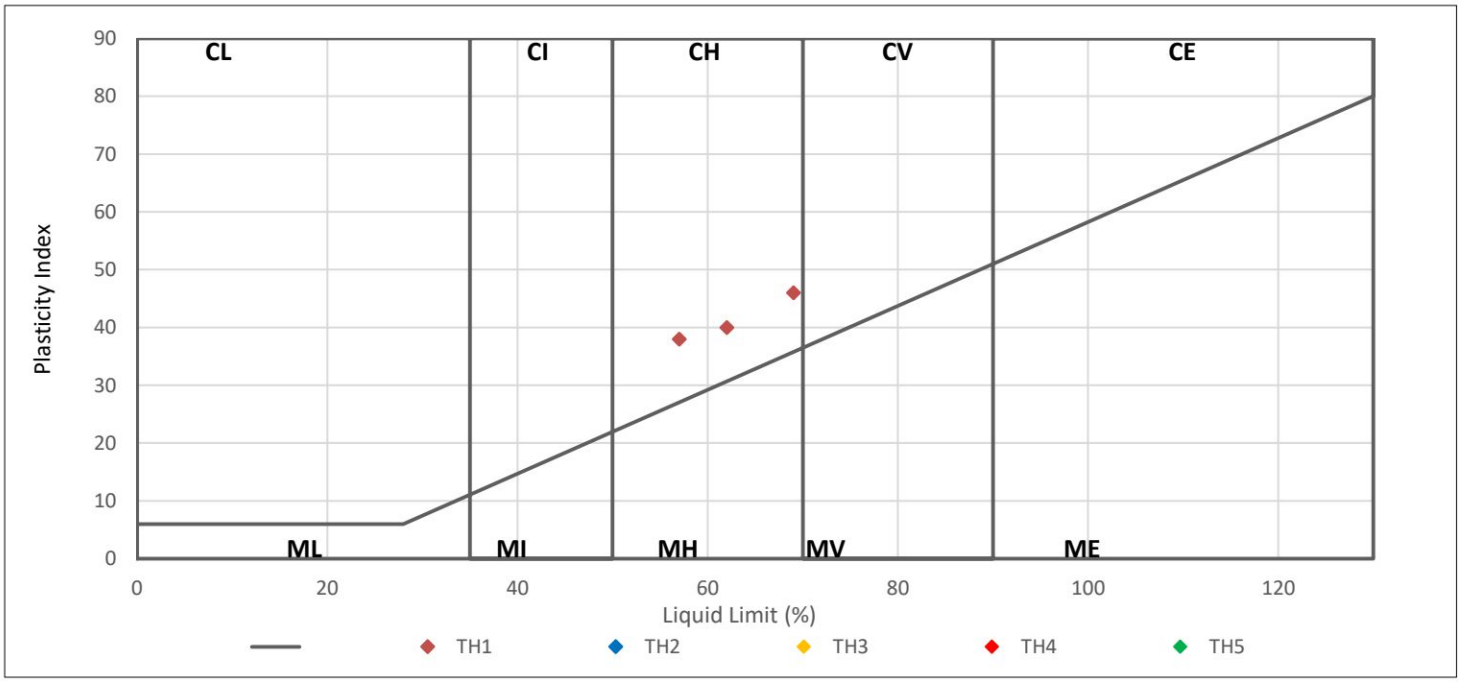


PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION
BS 5930:1999+A2:2010



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