



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



Site Investigation Report

Auger Ref:



Job Information	
Client	Allianz
Client ref	[Redacted]
Visit date	05/04/2023
Report date	15/05/2023

Job Summary	
⚠️	1 trial hole undertaken. Read more.
❗	Unable to locate footing in TH1 Read more.



Job Information

Overview

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

Findings

Trial Hole Findings We could not excavate the TH in the proposed location due to a ACO drain which spans across the front of the property. See evidence below figure 2.1. We excavated a Remote BH in front garden to reach the required depth (3m) and collect soil and root samples. Bore Hole measurements shown in Trail Hole Log below.

Photographs

Trial Hole 1

Fig 1.1: Trial Hole 1 Location Fig 1.2: Trial Hole 1 Footing



Site Photos

Fig 2.1: ACO Drain





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
= Inspection Chamber (IC)	= Soil Vent Pipe (SVP) / WC	= Lines camera surveyed	= Borehole
= Inspection Point (IP)	= Combined Waste Gully (CWG) / Foul Waste Gully (FWG)	= Assumed water mains feed	= Tree
	= Rainwater Gully (RWG)	= Walls	= Steps
	= Rainwater Pipe (RWP)	= Fences	= Shrubs / Bush
		= Building Outline	= Hedge
			= Direction of flow
			= Gate / Door



Trial Hole Log No.1

Location: Raised garden area front garden

Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
			SV(19)			
0.0	Remote Bore Hole	Soil (Border)				
0.5		Moist Brown silty CLAY	52kpa		Soil @ 0.5m	Root @ 0.5m
1.0			56kpa		Soil @ 1m	Root @ 1m
1.5			56kpa		Soil @ 1.5m	
2.0			64kpa		Soil @ 2m	
2.5			70kpa		Soil @ 2.5m	
3.0		TRIAL HOLE TERMINATED	82kpa			



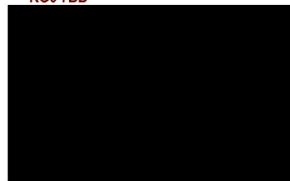
Richardson's Botanical Identifications

Root identification
Vegetation surveys
Tree/Building Investigations
Plant taxonomy

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

Auger Solutions
Auger House
Cross Lane
WALLASEY
Wirral CH45 8RH

Enterprise House
49-51 Whiteknights Road
Reading
RG6 7BB



12/05/2023

Dear Sirs

Root ID

The samples you sent in relation to the above on 05/04/2023 have been examined. Their structures were referable as follows:

TH1, 0.5m		
1 no.	Examined root: TILIA (Lime). Less than 0.1mm in diameter.	Dead* (note this 'dead' result can be unreliable with such thin samples).
4 no.	Examined root: could well be an herbaceous (non-woody) plant.	
2 no.	Both samples revealed too few cells for microscopic identification.	
TH1, 1.0m		
1 no.	Examined root: TILIA (Lime). Also under 0.1mm in diameter.	Dead* (as above, this 'dead' result could be an unreliable one).
5 no.	Examined root: essentially too immature for identification; possibly only herbaceous (non-woody), as previously.	

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

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.

** Try out our web site on www.botanical.net **





Geotechnical Testing Analysis Report



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

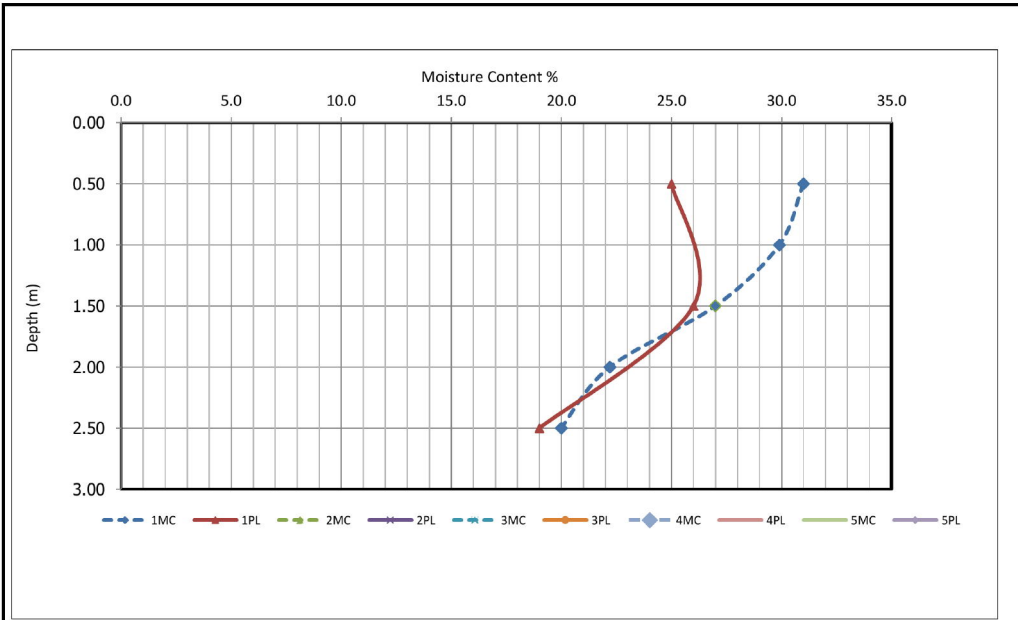
Policy Holder	
GSTL Job Reference	
SI Date	05/04/2023
Issue Date	05/04/2023
Report Date	25/04/2023
Auger Reference	
Insurance Company	Allianz
LA Claim Reference	
LA Co. Reference	Allianz

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.

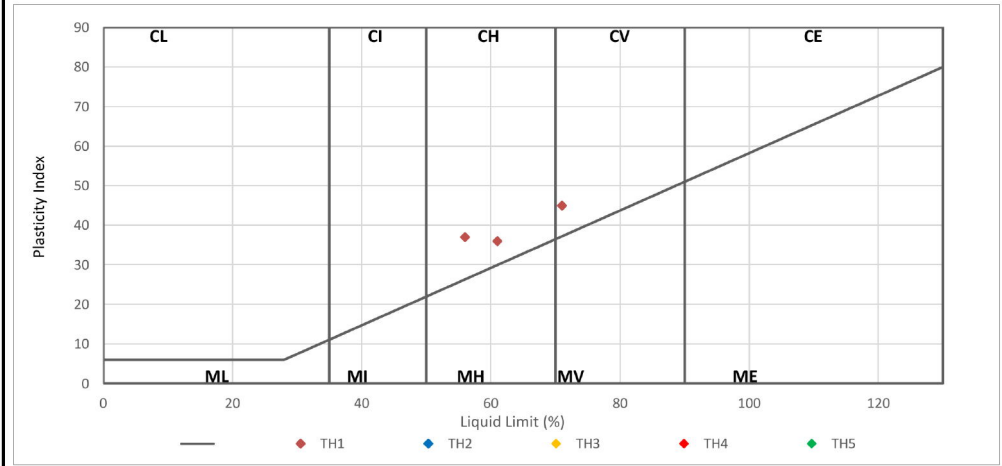
Checked and approved	25/04/2023	Wayne Honey	
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2788



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



Richardson's Botanical Identifications

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environmental +
claims mgmt +
subsidence +
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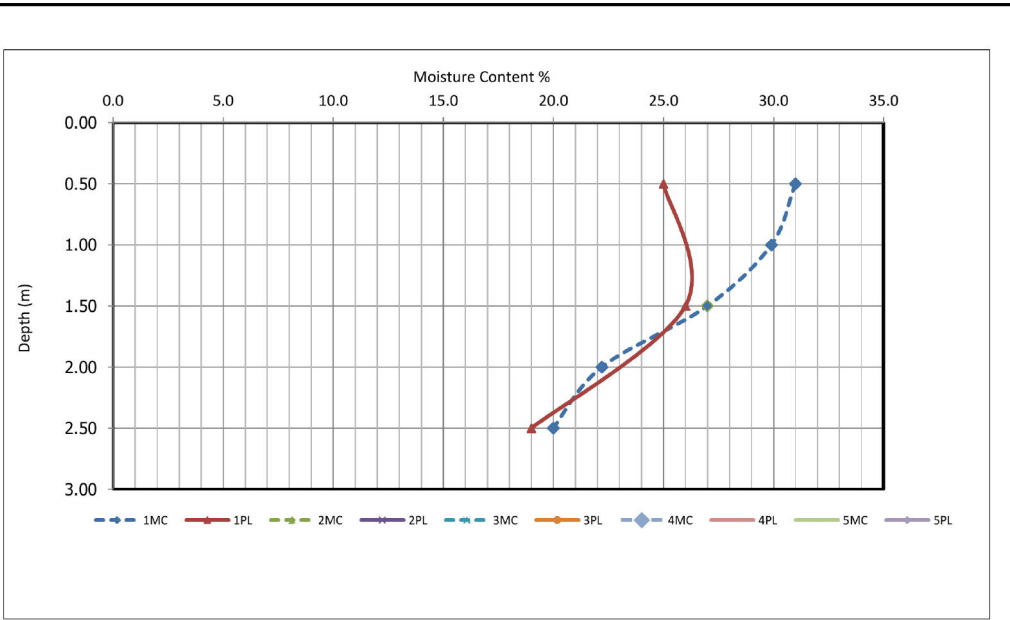
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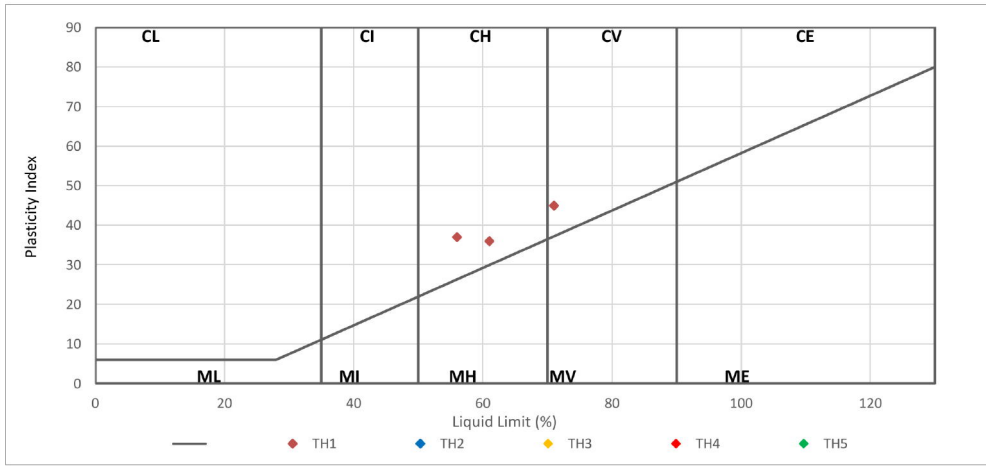
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Test Operator
Jason Smith