

Site Investigation Report

Auger Ref:

112945.1.TSI



Job Information

Client	Crawford & Co
Client ref	SU2002228
Visit date	16/10/2020
Report date	16/10/2020

Job Summary

✓ 1 trial hole undertaken. [Read more.](#)



Job Information

Overview

Brief

Auger were commissioned by Crawford & Co to undertake a site investigation within the area of concern at the property.

Photographs

Trial Hole 1

Fig 1.1: Trial Hole 1 Location



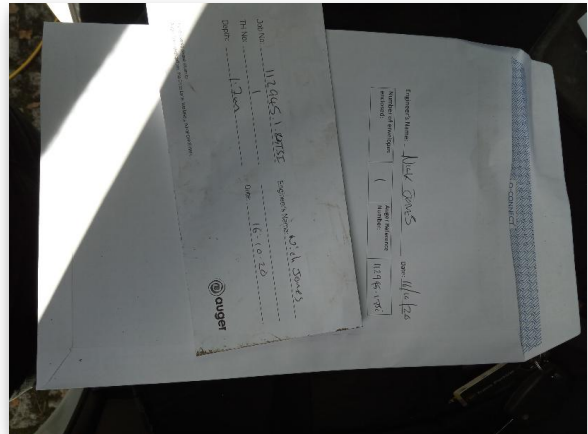
Fig 1.2: Trial Hole 1 Footing

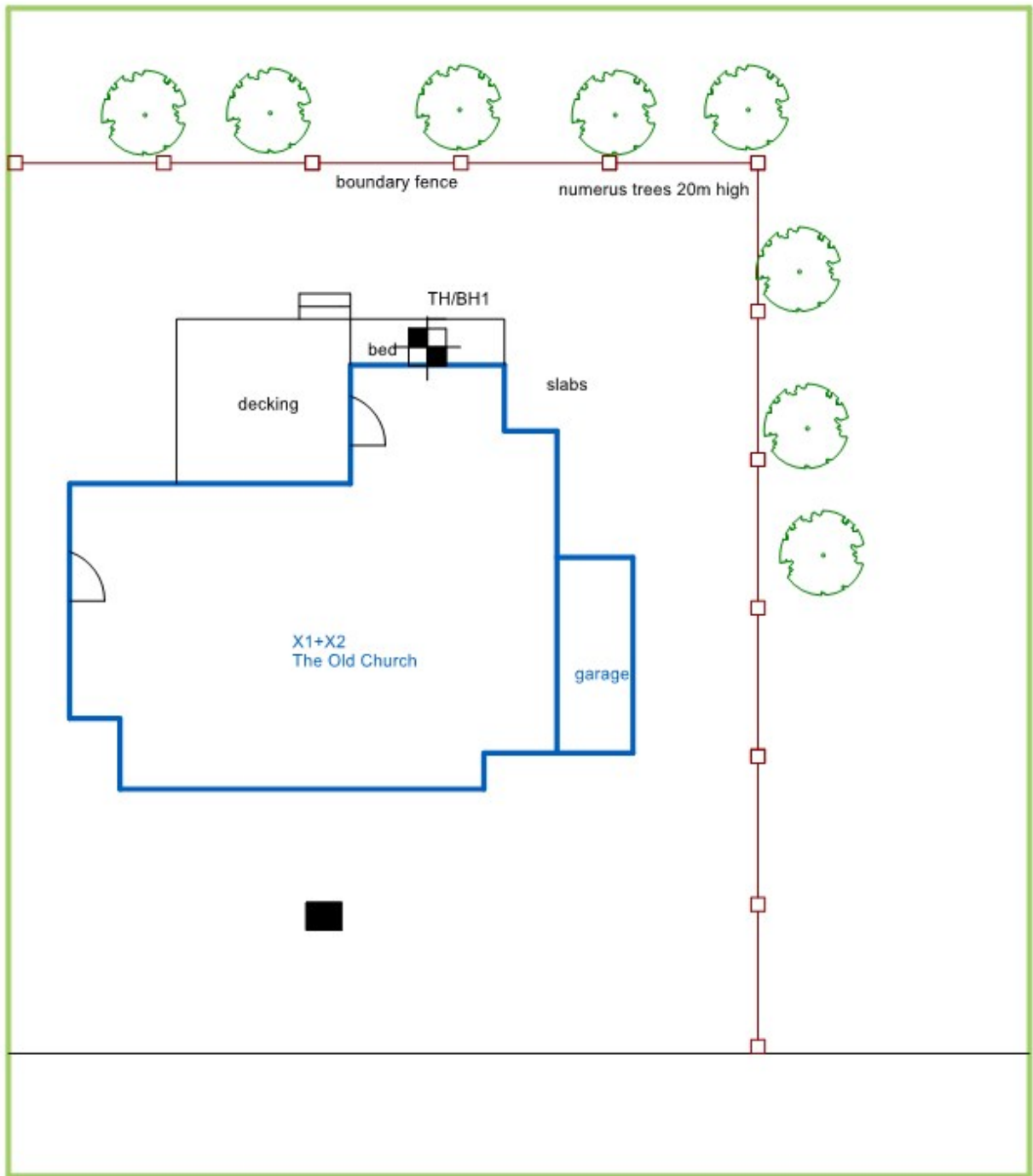


Fig 1.3: Trial Hole 1 soil samples collected



Fig 1.4: Trial Hole 1 root samples collected





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	= Drainage Lines	= Steps	= Trial hole	= Shrubs/bush
= Inspection Chamber	= syp/w/c	= Assumed water mains feed	= Direction of flow	= Borehole	= Hedge
= Inspection Pot	= wg/fwg	= Walls	= gate / door	= Direction of flow	= Tree
	= rwg	= Fences			
	= rwp	= Building Outline			



Trial Hole Log No.1

Location: Rear

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Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
			SV(19)			
0.0	<p>600mm</p> <p>Ground Level</p> <p>Soil (Border)</p> <p>Brickwork</p> <p>Step Underpinned</p>					
1.7			140kpa		Soil @ 1.7m	Root @ 1.7m
2.2		Dry very stiff Brown silty CLAY	140kpa		Soil @ 2.2m	
2.7			140kpa		Soil @ 2.7m	
3.0		TRIAL HOLE TERMINATED	140kpa			



Richardson's Botanical Identifications

Root identification
Vegetation surveys
Tree/Building investigations
Plant taxonomy

Auger Solutions
Auger House
Cross Lane
WALLASEY
Wirral CH45 8RH

Dr Ian B K Richardson
BSc, MSc, PhD, MRSB, FLS

James Richardson
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E-mail: richardsons@botanical.net

Web: www.botanical.net

Your ref: **112945-1-1**

Our ref: **80/8208**

30/10/2020

Dear Sirs

Root ID

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

TP/BH1, 1.7m		
6 no.	Examined root: QUERCUS (Oak).	Alive, recently* .
2 no.	Both samples revealed too few cells for microscopic 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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Geotechnical Testing Analysis Report



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

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

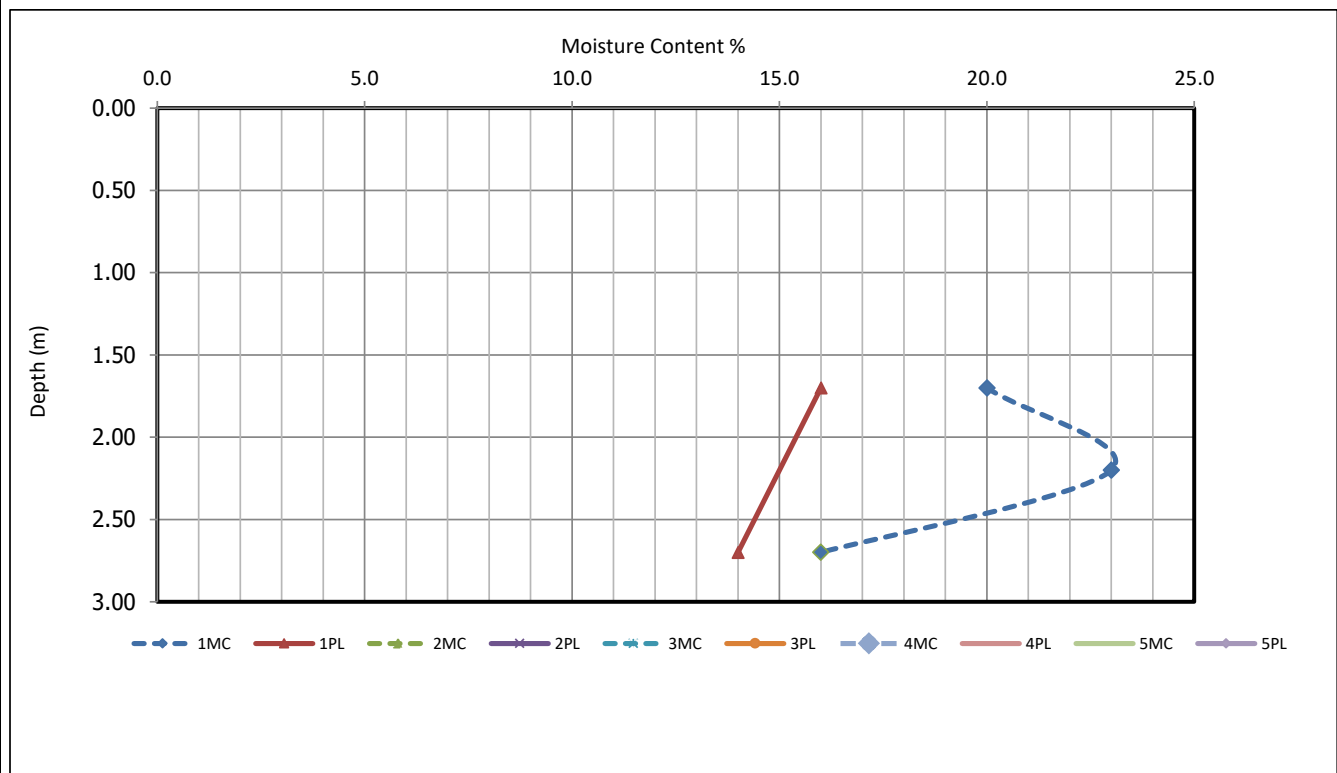
Summary Of Claim Details

Policy Holder	Unknown
Risk Address	Unknown
SI Date	16/10/2020
Issue Date	16/10/2020
Report Date	04/11/2020
Auger Reference	112945.1.2.RSS
Insurance Company	LV=
LA Claim Reference	SU2002228
LA Co. Reference	Crawford & Co

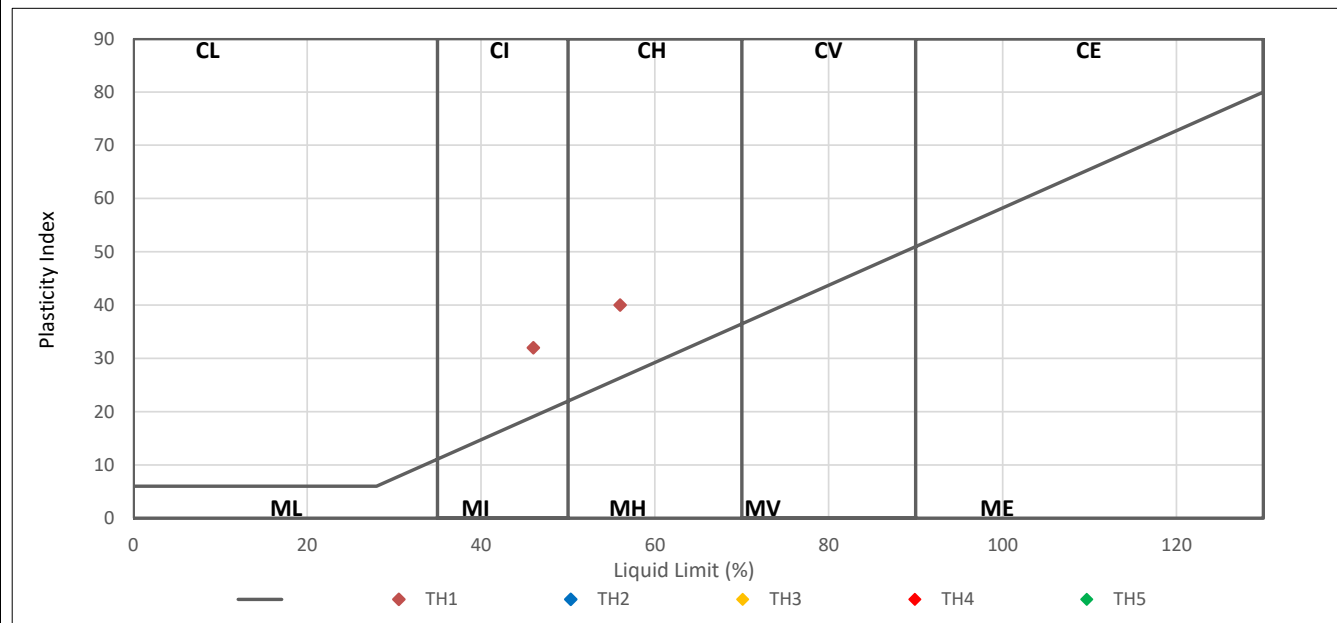
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Checked	04/11/2020	Wayne Honey	<i>W. Honey</i>
Approved	04/11/2020	Paul Evans	<i>P. Evans</i>





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	04/11/2020	Wayne Honey	<i>W. Honey</i>
Luke Williams	Approved	04/11/2020	Paul Evans	<i>P. Evans</i>



