

Site Investigation Report

Auger Ref:

152016.2.BSI



Job Information

Client	Sedgwick
Client ref	9635191
Visit date	05/10/2023
Report date	19/10/2023

Job Summary

✓ 4 Bore holes undertaken. [Read more.](#)



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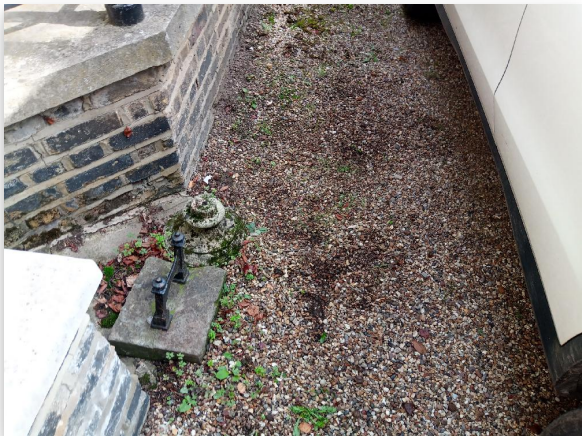
Job Information

Overview	
Brief	Auger were commissioned by Sedgwick to undertake a site investigation within the area of concern at the property.
Bore Hole Findings	Within BH2 we were unable to reach the required depth in BH2 because we encountered desiccated clay which our engineer could not auger through at 1.5m. The Bore Hole was carried out in the proposed location. We took root samples. These measurements are shown in Bore Hole Log 2 below.
	Within BH3 we were unable to reach the required depth in BH3 because we encountered desiccated clay which our engineer could not auger through at 1.8m. The Bore Hole was carried out in the proposed location. We took root samples. These measurements are shown in Bore Hole Log 3 below.
	Within BH4 we augered to the required depth (3m) in the proposed location. We were unable to collect root samples from BH4 because no roots were present during the bore hole, hence no samples were retrieved. These measurements are shown in Bore Hole Log 4 below.
	Within BH5 we augered to the required depth (3m) in the proposed location. We were unable to collect root samples from BH5 because no roots were present during the bore hole, hence no samples were retrieved. These measurements are shown in Bore Hole Log 5 below.

Bore Hole 2

Fig 2.1: Bore Hole 2 Location

Fig 2.2: Bore Hole 2



Bore Hole 3

Fig 3.1: Bore Hole 3 Location

Fig 3.2: Bore Hole 3



Bore Hole 4

Fig 4.1: Bore Hole 4 Location



Fig 4.2: Bore Hole 4

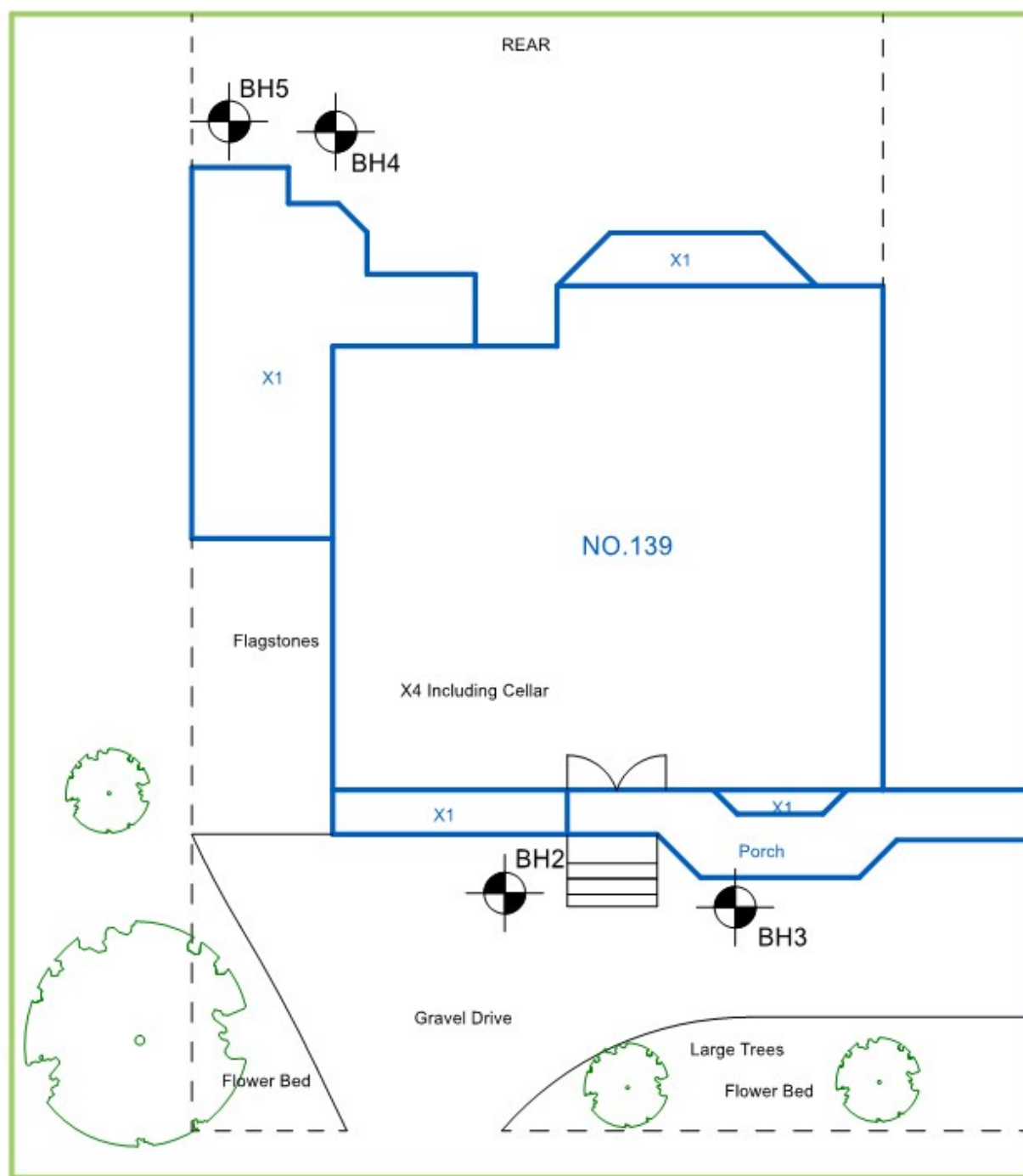


Fig 4.3: Bore Hole 5 Location



Fig 4.4: Bore Hole 5





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				



Bore Hole Log No.2

Location: Front left of building

Job Ref:
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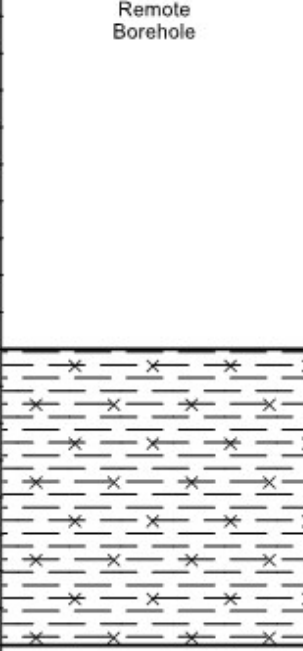
Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
			SV(19)			
0.0	Remote Borehole	Gravel				
0.5						
1.0		Very dry very stiff brown silty CLAY with stone inclusions	140kpa			Root @ 1m
1.5		BORE HOLE TERMINATED				
2.0						
2.5						
3.0						



Bore Hole Log No.3

Location: Front right of building

Job Ref:
152016.2.BSI

Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
			SV(19)			
0.0		Gravel				
0.5						
1.0			140kpa			Root @ 1m
1.5		Very dry very stiff brown silty CLAY	140kpa			
2.0		BORE HOLE TERMINATED				
2.5						
3.0						



Bore Hole Log No.4

Location: Rear left of building

Job Ref:
152016.2.BSI

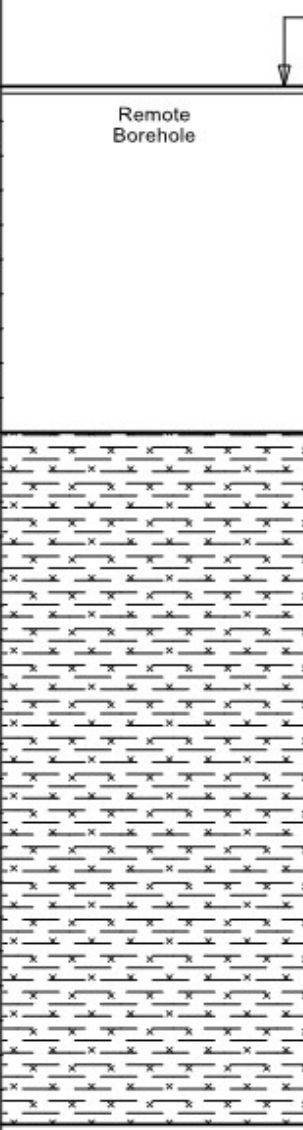
Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
			SV(19)			
0.0	Remote Borehole	Gravel				
0.5						
1.0			28kpa			
1.5			36kpa			
2.0		Damp firm brown very silty CLAY	38kpa			
2.5			50kpa			
3.0		BORE HOLE TERMINATED	54kpa			



Bore Hole Log No.5

Location: Rear left of building

Job Ref:
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Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
			SV(19)			
0.0		Gravel				
0.5						
1.0			28kpa			
1.5			36kpa			
2.0		Damp firm brown very silty CLAY	38kpa			
2.5			50kpa			
3.0		BORE HOLE TERMINATED	54kpa			



Root identification
Vegetation surveys
Tree/Building investigations
Plant taxonomy

Richardson's Botanical Identifications

Dr Ian B K Richardson
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James Richardson
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Web: www.botanical.net

Your ref: **152016-2-1**

Our ref: **87/5613**

17/10/2023

Dear Sirs

Root ID

The samples you sent in relation to the above on 05/10/2023 have been examined. Their structures were referable as follows:

TH2, 1.0m		
1 no.	Examined root: a SHRUB, similar in some ways to the family CAPRIFOLIACEAE (the most common members being Viburnum (Laurestinus and Guelder-rose), Weigela, Symphoricarpos (Snowberry), Lonicera (Honeysuckle)). Tentative - this was a very IMMATURE sample - under 0.1mm in diameter.	Alive, recently*.
2 no.	Examined root: essentially too immature for a confident identification. NOT coniferous. Could be FAGUS (Beech). Slightly tentative. As above, not more than 0.1mm in diameter.	Dead*.
3 no.	All pieces of BARK only - not enough material for identification.	
1 no.	Microscopic examination showed insufficient cells for recognition.	
TH3, 1.0m		
3 no.	Examined root: most referable to FAGUS (Beech). This sample was POOR - it had NO BARK.	Dead*.
1 no.	Examined root: referable in many ways to AESCULUS (Horse Chestnut and related Buckeyes). Again, NO BARK.	Dead*.
1 no.	A piece of BARK only, insufficient material for identification.	
1 no.	Microscopic examination showed insufficient cells for recognition.	

Click here for more information: [AESCULUS](#) [FAGUS](#)

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.