

**CCTV REPORT FOR: 5 WESTFIELD COURT  
MIRFIELD  
WEST YORKSHIRE  
WF14 9PT**

**CONTENTS:** SITE LAYOUT  
FOUNDATION RECORD  
PHOTOGRAPHS  
LABORATORY TESTING RESULTS  
ROOT IDENTIFICATION



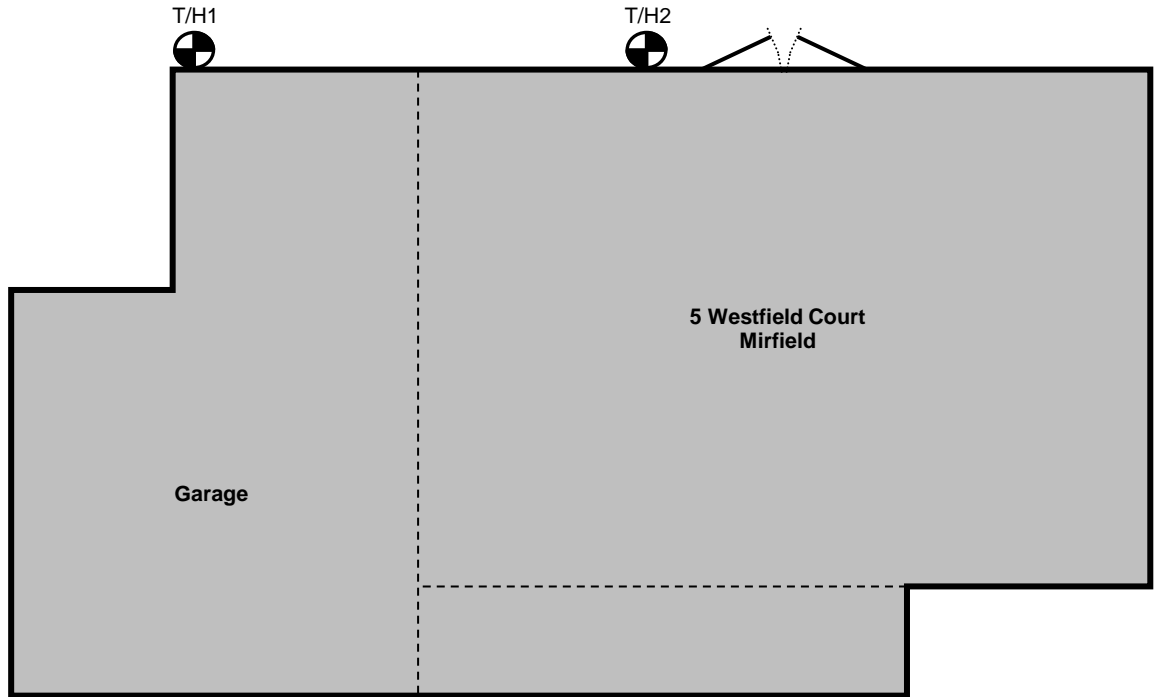
**Client:** 360Globalnet  
Bramley House  
Bramley Road  
Long Eaton  
Nottingham  
NG10 3SX

**Insured:** Mr Paul Moorhouse  
**Reference:** DLG-SN-22-005272 Ins Ref: 084495365

**Site Visit:** 25-Nov-24  
**Report Date:** 02-Jan-25

Site Crew: DJ

Date: 25-Nov-24



FRONT

*(This plan is not to be scaled and is provided to illustrate general layout only)*

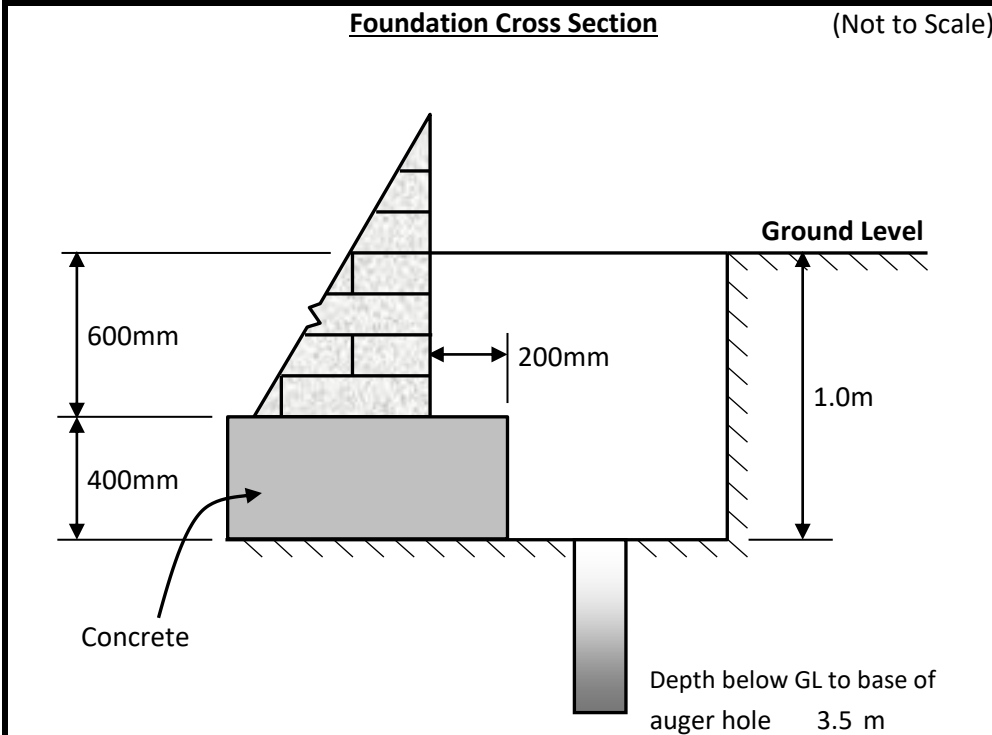
General Comments:

**Note: Runs shown in red have been adopted by the local water authority.**

- Key:**
- = Storm Gully
  - = Storm Pipe
  - = Foul Gully
  - = W/C or Soil Pipe
  - = Inspection Chamber
  - = Rodding Eye
  - ➔ = Surveyed pipe indicating flow
  - ➔ = Unsurveyed pipe
  - = Exploratory Hole (hand dug pit and/or hand auger)
  - = Boundary line
  - = Hedges & Shrubs
  - = Trees & bushes
  - = Area of damage

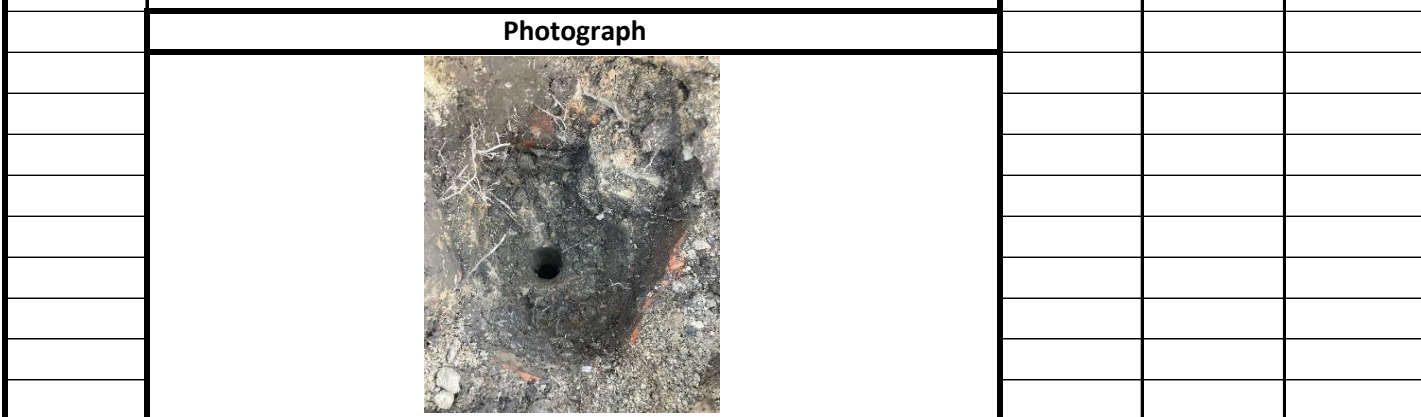
**Address: 5 WESTFIELD COURT, MIRFIELD, WEST YORKSHIRE, WF14 9PT**

Location: <b>Rear Left Hand Corner</b>	T/H No. <b>1</b>
Ground Surface: <b>Dry</b>	Weather: <b>Dry</b>
	Date: <b>25-Nov-24</b>



Roots Depth & Diameter:
From 1.0m
Down to 2.0m
up to 2mm diameter
Water Depth Hit & Rise:
None observed on site
Reason for Termination :
Encountered obstruction
Bedrock

Depth (m)	Soil Descriptions <i>(NB: Field crew description only)</i>	Test Type	Depth (m)	
			From	To
G.L.				
1.00	Firm light grey/dark brown slightly sandy/silty CLAY with some medium gravel & rare rootlets	V(n) 45	1.000	
1.50	Firm light grey/brown slightly sandy/silty CLAY with some medium gravel	V(n) 53	1.500	
2.00	Firm/stiff friable light grey/brown slightly sandy/silty CLAY with some medium gravel	V(n) 67	2.000	
2.50	Firm/stiff friable grey/brown slightly sandy/silty CLAY with some medium gravel	V(n) 70	2.500	
3.50	End of Borehole	V(n) 72	3.000	
		Mac 50+	3.500	3.575

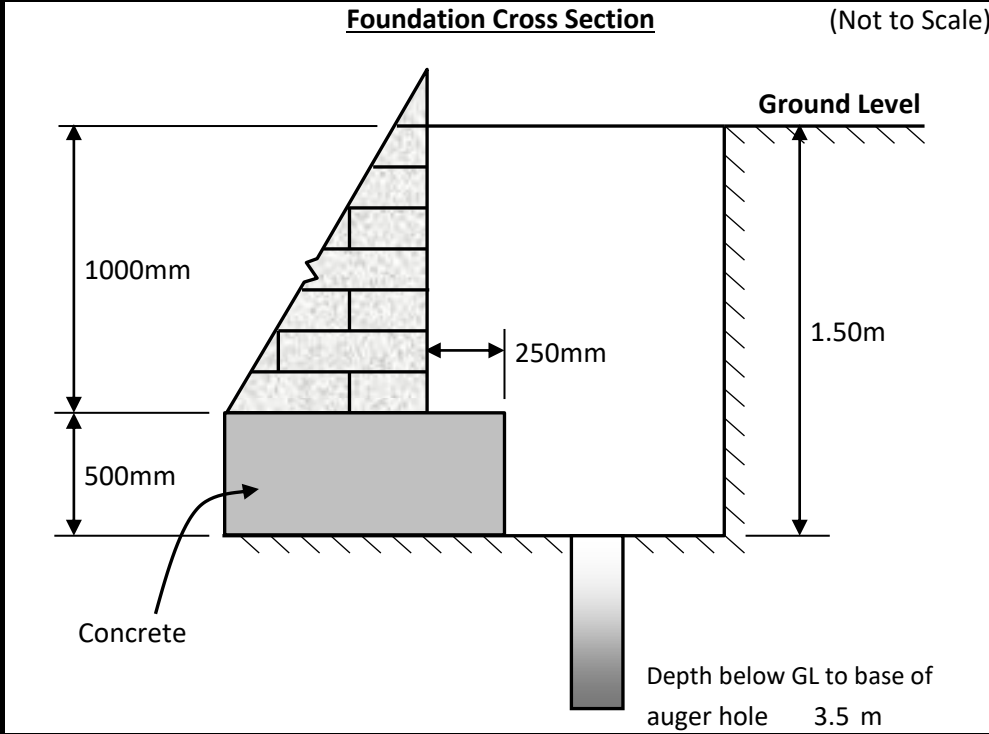


General Comments :


*Key: Mac=Macintosh Probe, V(n)=Natural Shear Vane, P.P. = Pocket Penetrometer*

**Address: 5 WESTFIELD COURT, MIRFIELD, WEST YORKSHIRE, WF14 9PT**

Location: **Middle of Rear of Original House** T/H No. **2**  
 Ground Surface: **Dry** Weather: **Dry** Date: **25-Nov-24**



**Roots Depth & Diameter:**  
 From 1.5m  
 Down to 2.0m  
 up to 2mm diameter  
  
**Water Depth Hit & Rise:**  
 None observed on site  
  
**Reason for Termination :**  
 Encountered obstruction  
 Bedrock

Depth (m)	Soil Descriptions <i>(NB: Field crew description only)</i>	Test Type	Depth (m)	
			From	To
G.L.				
1.50	Soft/firm grey/brown slightly sandy/silty CLAY with some medium gravel & rare rootlets	V(n) 57	1.500	
2.00	Firm grey/brown slightly sandy/silty CLAY with some medium gravel	V(n) 54	2.000	
2.50	Firm/stiff friable grey/brown slightly sandy/silty CLAY with some medium gravel	V(n) 71	2.500	
3.50	End of Borehole	V(n) 71	3.000	
		Mac 50+	3.500	3.575
<b>Photograph</b>				
				

General Comments :

*Key: Mac=Macintosh Probe, V(n)=Natural Shear Vane, P.P. = Pocket Penetrometer*

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T/H1



T/H1



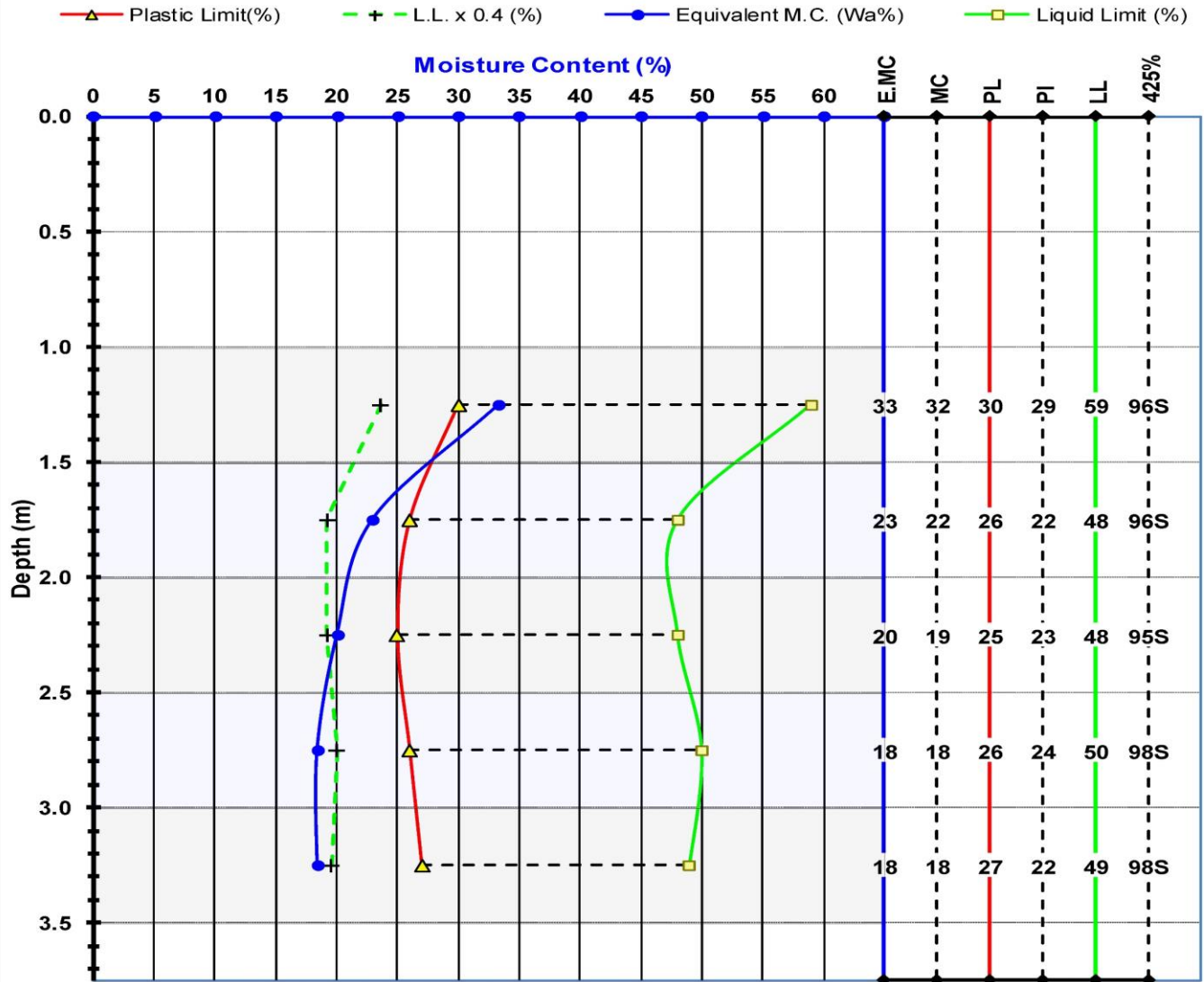
T/H2



T/H2

## LABORATORY TESTING RESULTS

Depth T (m)	Depth B (m)	1 - Rear LHC of extension	Plasticity (BS 5930)	Volume Change (BRE 240)	
		Brief Soil Description		M.PI	(%)
1	1.5	Firm light grey/dark brown slightly sandy/silty CLAY with some medium gravel & rare rootlets	High CH	28%	Medium
1.5	2	Firm light grey/brown slightly sandy/silty CLAY with some medium gravel	Intmd. CI	21%	Medium
2	2.5	Firm/stiff friable light grey/brown slightly sandy/silty CLAY with some medium gravel	Intmd. CI	22%	Medium
2.5	3	Firm/stiff friable grey/brown slightly sandy/silty CLAY with some medium gravel	Intmd. CI	24%	Medium
3	3.5	Firm/stiff friable grey/brown slightly sandy/silty CLAY with some medium gravel	Intmd. CI	22%	Medium



Values in ( ) above are extrapolated

Opinions and interpretations expressed in the chart above are outside the scope of UKAS accreditation.

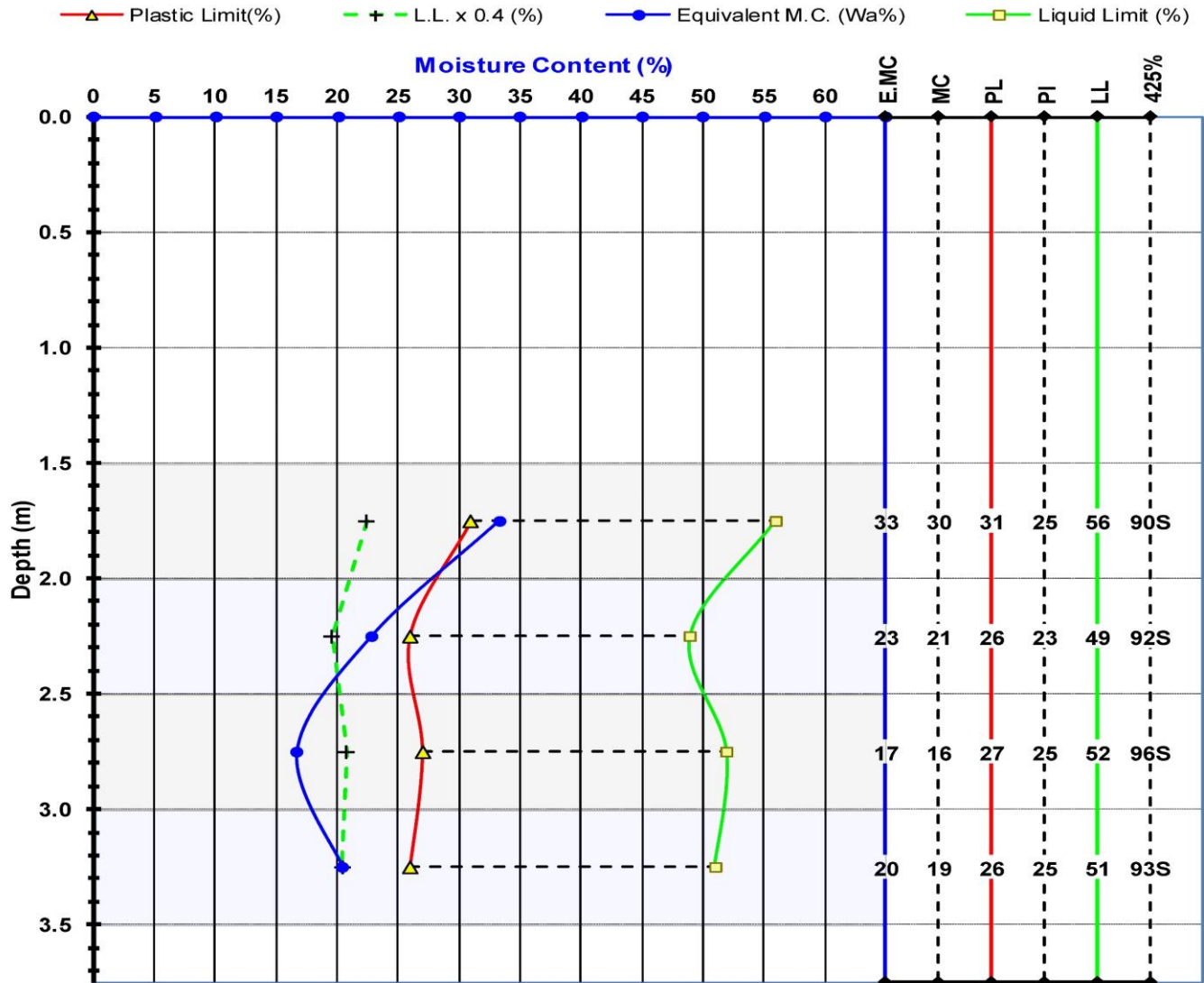
**Key:**  
**MC** = Natural Moisture Content (%)  
**E.MC** = Equivalent Moisture Content (%) =  $MC \times 100 / 425\%$   
**M.PI** = Modified Plasticity Index (%) =  $PI \times 425\% / 100$   
**425%** = Material passing the 425µm sieve (%) + (N = Natural or S = Sieved)  
**Notes:** All samples received as Disturbed unless noted below in the comments.  
 Samples prepared in accordance to BS1377:Part 1:1990 Section 7 & described in general accordance with BS5930:1999.  
 Samples tested in accordance to BS1377:Part 2:1990 Section 3.2, 4.4 & 5.

**PL** = Plastic Limit (%)  
**PI** = Plasticity Index (%) =  $LL - PL$   
**LL** = Liquid Limit (%)  
**LL x 0.4** = 40% of the LL (%)  
**NP** = Non Plastic

**Comments:**

## LABORATORY TESTING RESULTS

Depth T (m)	Depth B (m)	2 - Midway original house		Plasticity (BS 5930)	Volume Change (BRE 240)	
		Brief Soil Description			M.PI	(BRE 240)
1.5	2	Soft/firm grey/brown slightly sandy/silty CLAY with some medium gravel & rare rootlets		High MH	23%	Medium
2	2.5	Firm grey/brown slightly sandy/silty CLAY with some medium gravel		Intmd. CI	21%	Medium
2.5	3	Firm/stiff friable grey/brown slightly sandy/silty CLAY with some medium gravel		High CH	24%	Medium
3	3.5	Firm/stiff friable grey/brown slightly sandy/silty CLAY with some medium gravel		High CH	23%	Medium



Values in ( ) above are extrapolated

Opinions and interpretations expressed in the chart above are outside the scope of UKAS accreditation.

**Key:**  
**MC** = Natural Moisture Content (%)  
**E.MC** = Equivalent Moisture Content (%) =  $MC \times 100 / 425\%$   
**M.PI** = Modified Plasticity Index (%) =  $PI \times 425\% / 100$   
**425%** = Material passing the 425µm sieve (%) + (N = Natural or S = Sieved)  
**Notes:** All samples received as Disturbed unless noted below in the comments.  
 Samples prepared in accordance to BS1377:Part 1:1990 Section 7 & described in general accordance with BS5930:1999.  
 Samples tested in accordance to BS1377:Part 2:1990 Section 3.2, 4.4 & 5.

**Comments:**



Root identification  
Vegetation surveys  
Tree/Building investigations  
Plant taxonomy

## Richardson's Botanical Identifications

**The Drainage Repair Company**  
**Suite 15, Leatherline House**  
**71 Narrow Lane**  
**AYLESTONE**  
**Leicester LE2 8NA**

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

**Enterprise House**  
**49-51 Whiteknights Road**  
**Reading**  
**RG6 7BB**

**Tel: (0118) 986 9552** *(Direct line)*  
**E-mail: [richardsons@botanical.net](mailto:richardsons@botanical.net)**  
**Web: [www.botanical.net](http://www.botanical.net)**

*Your ref:* **Root ID**

*Our ref:* **89/1114**

17/12/2024

Dear Sirs

**5 Westfield Court, Mirfield WF14 9PT**

The samples you sent in relation to the above on 28/11/2024 have been examined. Their structures were referable as follows:

TP/BH1, 1.0-2.0m		
8 no.	Examined root: ACER (Maples, Sycamores).	Dead*.
8 no.	Unfortunately all with insufficient cells for identification.	
TP/BH2, 1.5-2.0m		
4 no.	Examined root: QUERCUS (Oak).	Alive, recently*.
1 no.	Examined root: could also be ACER (Maples, Sycamores).	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.	
7 no.	Unfortunately all with insufficient cells for identification.	

Click here for more information: [ACER](#) [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.

\*\* Try out our web site on [www.botanical.net](http://www.botanical.net) \*\*

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

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