

Drilling Apparatus: Auto-Trip Standard Penetration Test Drop Hammer

Borehole Diameter: Started at 100mm, reduced to 60mm by 3.7m deep.

Scheme: 2 Bing Road, Whaley Bridge, Sk23 7ND.

Date: 18/04/23

MINI BORE

Site Investigation

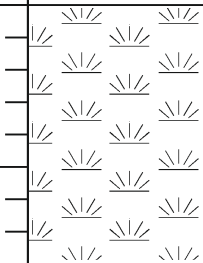
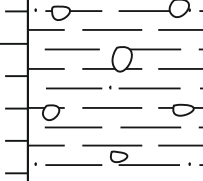
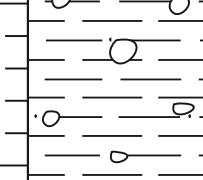
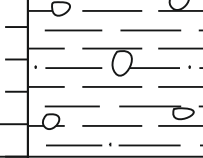
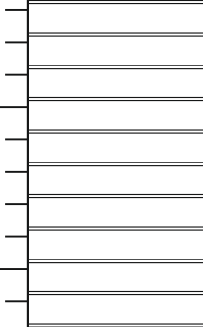
14 Pendle Drive, Whalley, Lancashire, BB7 9JT

Telephone: 01254 824959

Mobile: 07976 655490

Email: minibore@btinternet.com

Drillers Borehole Log No. 1 (Located along side rear garden)

Depth (m)	Description	Shear Strength (kNm ⁻²)	Symbol
0.0	TOPSOIL with gravel & roots		
0.5			
1.0	Soft to firm, brown, sandy, very gravelly CLAY with brown sandstone cobbles From 0.9m to 1.35m 1 / 1 - 1, 1, 2, 1 N = 5		
1.5	(becoming stiff with depth) <u>Standard Penetration Tests</u> From 1.65m to 2.1m 4 / 3 - 2, 3, 3, 6 N = 14		
2.0			
2.5	From 2.4m to 2.8m 3 / 4 - 4, 4, 4, 4 N = 16		
3.0	approx Brown & grey mottled, MUDSTONE (becoming hard at depth)		
3.5			
4.0	Almost Refusal Borehole dry during drilling Note: it was difficult to carry out shear strength tests due to the large content of gravel & stone cobbles present within the clay		
4.5			
5.0			
Ground water levels are subject to seasonal variations & should not be taken as constant			