



Borehole Log

Borehole No.

BH205

Sheet 1 of 4

Project Name: North Manchester General Hospital Stage 2

Project No.
076686.301

Co-ords: 384976.94 - 402667.77

Hole Type
CP

Location: Manchester

Level: 61.47

Scale
1:50

Client: MFT

Dates: 18/05/2021 - 12/05/2021

Logged By

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.03			0.03	61.44		TOPSOIL: Brown slightly sandy clay with frequent rootlets.	
		0.35			0.35	61.12		MADE GROUND: Brown slightly sandy gravelly clay with moderate cobble content. Sand is medium to coarse. Gravel is angular to subangular fine to coarse include brick and concrete. Cobbles are angular of brick.	
		0.39			0.39	61.08		ASPHALT	
		0.60	ES		0.60	60.77		MADE GROUND: Brown slightly sandy gravelly clay with moderate cobble content. Sand is medium to coarse. Gravel is angular to subangular fine to coarse include brick and concrete. Cobbles are angular of brick.	1
		1.20		N=14 (3,3/2,2,2,8)	1.20			MADE GROUND: Brown slightly sandy gravelly clay with moderate cobble content. Sand is medium to coarse. Gravel is angular to subangular fine to coarse include brick and concrete. Cobbles are angular of brick.	
		1.20 - 1.65	B		1.20 - 1.65			MADE GROUND: Reddish brown gravelly medium to coarse sand with low cobble content. Gravel is angular to subrounded fine to coarse including brick. Cobbles are angular of concrete. Medium dense brown fine silty SAND.	2
		2.00		N=18 (4,5/6,5,4,3)	2.00	59.57		Firm brown silty sandy CLAY. Sand is medium to coarse.	
		2.00 - 2.45	B		2.00 - 2.45				
		3.00 - 3.45	U		3.00 - 3.45				3
		4.00		N=12 (1,2/3,3,3,3)	4.00				4
		4.00 - 4.45	B		4.00 - 4.45				
		4.50 - 5.00	B		4.50 - 5.00	57.07		Medium dense light brown gravelly medium to coarse SAND. Gravel is subangular to subrounded medium to coarse including sandstone and mudstone.	5
		5.00		N=17 (1,2/3,4,5,5)	5.00				
		5.50 - 5.95	B		5.50 - 5.95				
		5.80			5.80	55.67		Firm brown sandy CLAY. Sand is medium to coarse.	6
		7.00 - 7.45	U		7.00 - 7.45				7
		7.50	D		7.50				
		7.80			7.80	53.67		Medium dense brown clayey medium to coarse SAND with rare gravel. Gravel is subrounded to well rounded fine to coarse including sandstone.	8
		8.50		N=22 (2,3/4,5,6,7)	8.50				9
		8.50 - 8.95	B		8.50 - 8.95				
									10

Continued on next sheet

Remarks

Service inspection pit hand excavated from GL to 1.20m. Seepage encountered at 16.20m bgl.





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Sheet 2 of 4

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		Depth (m)	Type	Results					
		10.00	D	N=50 (3,5/50 for 275mm)	10.20	51.27		Firm brown slightly sandy slightly gravelly CLAY. Sand is medium to coarse. Gravel is subangular to rounded fine to medium including sandstone. Very dense brown/grey silty medium to coarse SAND.	11
		10.11 - 10.45			10.50	50.97			
		11.30	D	50 (7,12/50 for 225mm)	11.30	50.17		Very stiff brown slightly sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to rounded fine to coarse including sandstone and mudstone.	12
		11.50							
		13.00	B	50 (7,15/50 for 145mm)	13.10	48.37		Very dense brown medium to coarse sand with frequent gravels. Gravel is subrounded to rounded medium to coarse including sandstone.	13
		13.00 - 13.45							
		14.50	B	50 (6,11/50 for 220mm)				Medium dense brown coarse SAND.	14
		14.50 - 14.95							
		16.00	B	N=24 (2,4/5,6,7,6)	16.00	45.47		Medium dense brown coarse SAND.	16
		16.00 - 16.45							
		17.50	B	N=18 (2,3/4,4,5,5)				Medium dense brown coarse SAND.	17
		17.50 - 17.95							
		19.00	B	N=19 (1,3/4,4,5,6)				Medium dense brown coarse SAND.	19
		19.00 - 19.45							
								Continued on next sheet	20

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		Depth (m)	Type	Results					
		20.50 20.50 - 20.95	B	N=22 (2,3/4,5,6,7)					21
		22.00 22.00 - 22.45	B	N=21 (2,3/3,5,6,7)					22
		23.50 23.50 - 23.95	B	N=22 (5 for 145mm/4,5,6,7)					23
		25.00 25.00 - 25.45	B	N=24 (2,3/4,6,7,7)					24
		26.50 26.50 - 26.95	B	N=26 (2,3/5,6,7,8)					25
		28.00 28.00 - 28.45	B	N=27 (3,4/5,6,8,8)					26
		29.50 29.50 - 29.95	B	N=31 (2,4/5,7,9,10)				Becoming dense	27
									28
								Continued on next sheet	29

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		Depth (m)	Type	Results					
		31.00 31.00 - 31.45	B	N=46 (4,6/8,11,12,15)	31.50	29.97		End of borehole at 31.50 m	31 32 33 34 35 36 37 38 39 40

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