
 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL							Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI - CONTRACT 2		Borehole Number CP1287
Boring Method Cable Percussion		Casing Diameter 200mm cased to 1.50m		Ground Level (mOD) 114.70		Client Highways Agency		Job Number WAL060099	
		Location 445161 E 364406 N		Dates 08/11/2006-10/11/2006		Engineer Arup		Sheet 1/2	
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	B1				114.40	(0.30) 0.30	TOPSOIL (driller's description). MADE GROUND. Firm to stiff friable mottled grey brown slightly gravelly clay. Gravel is angular to subangular fine and medium of mudstone and sandstone.		
1.50-1.95	U2			60 blows					
2.00	D3								
2.50-2.95 2.50 2.50-3.00	SPT N=41 D4 B5	1.50	DRY	6,8/10,10,10,11			Between 2.50m and 4.50m; very stiff.		
3.50-4.00	U6			100 blows					
4.50-4.95 4.50 4.50-5.00	SPT N=32 D7 B8	1.50	DRY	3,6/8,8,7,9			Below 4.50m; gravel becoming fine to coarse.		
5.50-5.95	U9			60 blows					
6.00	D10					(11.30)	At 6.00m; clay.		
6.50-6.95 6.50 6.50-7.00	SPT N=20 D11 B12	1.50	DRY	3,4/5,5,5,5					
7.50-7.95	U13			50 blows					
8.00	D14								
9.00 9.00-9.50 9.00-9.45	D15 B16 SPT N=23	1.50	DRY	08/11/2006: DRY 08/11/2006: 4,5/6,6,5,6 08/11/2006: 10/11/2006:			Below 9.00m; with occasional cobbles of mudstone and coal.		
Remarks							Scale (approx) 1:50	Logged By TL	Figure No.



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Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
10.00	W17			Water strike(1) at 10.00m, no rise after 20 mins.			MADE GROUND (as previous sheet)		▼1	
10.50-10.95 10.50 10.50-11.00	SPT N=33 D18 B19	1.50	7.80	9, 10/6, 8, 9, 10		(11.30)				
11.10-11.17	SPT 25'/50 50/20	1.50	8.20	25/50						
11.60 11.60-11.80 11.80	D B20 B			10/11/2006: 8.70m	103.10 102.90	11.60 (0.20) 11.80	MADE GROUND. Recovered as subangular coarse gravel and cobble sized fragments of moderately strong grey brown siltstone.			
11.80-11.83	SPT(C) 20'/10 50/15	1.50	8.70	10/11/2006: 20/50 10/11/2006: DRY			Complete at 11.83m			
Remarks							Scale (approx) 1:50	Logged By TL	Figure No.	