
 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL							Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI - CONTRACT 2		Borehole Number CP1257	
Boring Method Cable Percussion		Casing Diameter 200mm cased to 2.50m		Ground Level (mOD) 125.20		Client Highways Agency		Job Number WAL060099		
		Location 444700 E 357999 N		Dates 07/11/2006		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	
				Groundwater was not apparent during boring(1) at 0.00m.					√1	
1.50-1.95	U1			50 blows		(2.80)				
2.00	D2									
2.50-2.95 2.50 2.50-3.00	SPT N=20 D3 B4	2.50	DRY	3,4/5,5,5,5	122.40	2.80	Approximate boundary.			
3.50-4.00	U5			100 blows			MADE GROUND. Firm to stiff locally very stiff, friable grey mottled brown clay with angular to subangular fine to coarse gravel sized fragments of mudstone and sandstone.			
4.50-4.95 4.50 4.50-5.00	SPT N=60 D6 B7	2.50	DRY	9,12/11,9,14,26						
5.50-5.95 5.50 5.50-6.00	SPT N=54 D8 B9	2.50	DRY	8,12/15,12,12,15						
6.50-6.95 6.50 6.50-7.00	SPT N=22 D10 B11	2.50	DRY	4,4/5,5,6,6			Below 6.50m; with occasional cobbles of mudstone			
7.50-7.95 7.50 7.50-8.00	SPT N=29 D12 B13	2.50	DRY	6,5/6,7,8,8						
9.00-9.45 9.00 9.00-9.50	SPT N=22 D14 B15	2.50	DRY	8,7/6,5,5,6		(12.00)				
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	
10.50-10.95 10.50 10.50-11.00	SPT N=33 D16 B17	2.50	DRY	6,5/7,9,8,9			MADE GROUND (as previous sheet)			
12.00-12.45 12.00 12.00-12.50	SPT N=34 D18 B19	2.50	DRY	5,7/8,7,9,10		(12.00)				
13.50-13.95 13.50 13.50-14.00	SPT N=34 D20 B21	2.50	DRY	8,7/7,8,9,10			At 13.50m; with occasional fragments of coal.			
14.80-14.87 14.80	SPT 25'/40 35/30 D22	2.50	DRY	25/35 07/11/2006: DRY	110.40 110.20	14.80 (0.20) 15.00	Recovered as very weak grey subangular fine to coarse gravel sized fragments of MUDSTONE.			
15.00-15.03	SPT(C) 25'/10 35/15	2.50	DRY	07/11/2006: 25/35 07/11/2006:			Complete at 15.03m			
Remarks							Scale (approx) 1:50	Logged By TL	Figure No.	