

 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL							Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI- CONTRACT 2		Borehole Number CP1243	
Boring Method Cable Percussion		Casing Diameter 150mm cased to 1.50m		Ground Level (mOD) 63.20		Client Highways Agency		Job Number WAL060099		
		Location 445397 E 373458 N		Dates 01/02/2007		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	
0.10-0.90	B1			Groundwater was not apparent during boring(1) at 0.00m.	63.10	(0.10) 0.10	TOPSOIL.		V1	
						(0.80)	MADE GROUND. Dark grey brown fine to coarse sand and subangular to subrounded, fine to coarse gravel of limestone and mudstone.			
1.00	D2				62.30	0.90	MADE GROUND. Firm dark grey sandy gravelly clay. Gravel is angular to subrounded, fine to coarse of mudstone and sandstone.			
1.20-1.65	U3			37 blows		(0.80)				
1.70	D4				61.50	1.70	MADE GROUND. Firm brown mottled grey slightly gravelly clay. Gravel is subangular to subrounded, fine to coarse of mudstone, siltstone and carbonaceous mudstone.			
					61.10	(0.40)				
2.20-2.65	SPT N=17	1.50	DRY	1,2/4,4,4,5		2.10	MADE GROUND. Stiff dark grey slightly sandy slightly gravelly clay. Gravel is subangular to subrounded, fine to coarse of mudstone and siltstone.			
2.20-2.65	D5									
2.20-2.70	B6									
3.20-3.65	U7			64 blows						
3.70	D8									
4.20-4.65	SPT N=18	1.50	DRY	2,4/4,5,4,5						
4.20-4.65	D9									
4.20-4.70	B10									
5.20-5.65	U11			70 blows						
5.70	D12									
6.20-6.65	SPT N=18	1.50	DRY	2,3/5,4,4,5			Below 6.20m; clayey gravel.			
6.20-6.65	D13									
6.20-6.70	B14									
7.20-7.65	U15			86 blows						
7.70	D16					(11.50)				
8.70-9.15	SPT N=18	1.50	DRY	2,4/4,4,5,5						
8.70-9.15	D17									
8.70-9.20	B18									
Remarks							Scale (approx) 1:50	Logged By RMS/KD		
							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	
10.20-10.65	U19			94 blows			MADE GROUND (as previous sheet) At 10.20m; very stiff.			
10.70	D20						Below 10.70m; light grey.			
11.70-12.15 11.70-12.15 11.70-12.20	SPT N=27 D21 B22	1.50	DRY	3,4/6,5,7,9		(11.50)				
13.20-13.65 13.55	U23 D24			120 blows						
13.70-13.91 13.70-14.10 14.10-14.28	SPT 25'/105 50/105 D25 B26 D27	1.50	DRY	14,11/31,19 01/02/2007:DRY	49.60 49.10	13.60 (0.50) 14.10	MADE GROUND. Recovered as gravel sized fragments of moderately weak to moderately strong dark grey carbonaceous mudstone.			
14.10-14.29	SPT 25'/90 50/95	1.50	DRY	01/02/2007: 19,6/33,17 01/02/2007:			Complete at 14.29m			
Remarks							Scale (approx) 1:50	Logged By RMS/KD	Figure No.	