
 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL							Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI- CONTRACT 2		Borehole Number CP1212	
Boring Method Cable Percussion		Casing Diameter 150mm cased to 2.20m		Ground Level (mOD) 136.25		Client Highways Agency		Job Number WAL060099		
		Location 445210 E 362590 N		Dates 03/10/2006		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	
0.30	B101			Groundwater was not apparent during boring(1) at 0.00m.			MADE GROUND. Firm to stiff slightly friable brown mottled grey slightly sandy to sandy slightly gravelly clay. Gravel is subangular to subrounded, fine to medium of mudstone and sandstone.		✓1	
0.80	D102									
1.20-1.65	U2			64 blows						
1.70	D3						From 1.70m; with occasional black mottling.			
2.20-2.65 2.20-2.65 2.20-2.70	SPT N=23 D4 B5		DRY	3,4/6,5,6,6			Below 2.20m; sandy.			
3.20-3.65	U6			100 blows						
3.70	D7									
4.20-4.65 4.20-4.65 4.20-4.70	SPT N=31 D8 B9	2.20	DRY	4,5/6,8,8,9		(8.50)	At 4.20m; brown, mottled grey, yellow brown and black.			
5.20-5.65	U10			100 blows						
5.70	D11									
6.20-6.65 6.20-6.65 6.20-6.70	SPT N=22 D12 B13	2.20	DRY	3,4/4,6,5,7						
7.20-7.65	U14			100 blows						
7.70	D15									
8.50 8.60-9.05 8.60-9.05 8.60-9.10	D16 SPT N=24 D17 B18	2.20	DRY	3,4/5,6,6,7	127.75	8.50	MADE GROUND. Stiff brown mottled grey, locally light yellow brown slightly sandy slightly gravelly clay. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of ironstone and mudstone.			
Remarks							Scale (approx) 1:50	Logged By RMS	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	
10.10-10.55	U19			81 blows			MADE GROUND (as previous sheet)			
10.60	D20					(3.10)				
11.60-12.01 11.60-12.00 11.60-12.60	SPT 50/255 D21 B22	2.20	DRY	6,8/11,14,17,8	124.65	11.60 (1.00)	Mudstone recovered as grey mottled brown CLAY with subangular to subrounded fine to coarse fragments of mudstone.			
12.60-12.85	D23			03/10/2006:DRY	123.65	12.60	At 12.60m; very weak grey siltstone.			
12.60-12.85	SPT 25*/125 50/125	2.20	DRY	03/10/2006: 14,11/29,21 03/10/2006:			Complete at 12.85m			
Remarks							Scale (approx) 1:50	Logged By RMS	Figure No.	