



 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL							Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI- CONTRACT 2		Borehole Number CP1198	
Boring Method Cable Percussion		Casing Diameter 150mm cased to 2.20m		Ground Level (mOD) 160.70		Client Highways Agency		Job Number WAL060099		
		Location 444982 E 359136 N		Dates 06/10/2006		Engineer Arup		Sheet 1/1		
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	
0.20	B101			Groundwater was not apparent during boring(1) at 0.00m.	160.40	(0.30) 0.30	Brown slightly clayey gravelly TOPSOIL. Gravel is subangular to subrounded, fine to coarse of mudstone and limestone with many rootlets.		√1	
0.50	B102									
1.00	B103									
1.20-1.65	U2			100 blows						
1.70	D3						At 1.70m; mottled light brown.			
2.20-2.65 2.20-2.65 2.20-2.70	SPT N=22 D4 B5	2.20	DRY	2,3/6,5,6,5		(5.40)				
3.20-3.65	U6			100 blows						
3.70	D7						From 3.70m; sandy with gravel of carbonaceous mudstone.			
4.20-4.65 4.20-4.65 4.20-4.70	SPT N=20 D8 B9	2.20	DRY	3,3/4,6,5,5						
5.20-5.65	U10			100 blows						
5.70-6.14 5.70 5.70-6.13 5.70-6.20	SPT 50/285 D11 D12 B13	2.20	DRY	5,5/6,10,14,20	155.00	5.70	Very stiff light grey mottled light brown slightly sandy to sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. Possible			
						(1.40)				
7.10-7.13 7.10-7.30 7.30-7.32	SPT 25'/30 50/0 B14	2.20	DRY	25/50 06/10/2006:DRY	153.60 153.40	7.10 (0.20) 7.30	SANDSTONE. Recovered as light brown grey very clayey sand with subangular to subrounded fine to coarse fragments of slightly friable fine grey sandstone.			
	SPT 50'/20	2.20	DRY	06/10/2006: 50/ 06/10/2006:			Complete at 7.32m			
Remarks							Scale (approx) 1:50	Logged By RMS	Figure No.	