



British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL						Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI - CONTRACT 2		Borehole Number CP1203	
Boring Method Cable Percussion		Casing Diameter 150mm cased to 2.20m		Ground Level (mOD) 176.90		Client Highways Agency		Job Number WAL060099	
		Location 444819 E 360670 N		Dates 22/09/2006		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
0.10	B101			Groundwater was not apparent during boring(1) at 0.00m.	176.70	(0.20) 0.20	Grey brown clayey TOPSOIL with many rootlets and much gravel of sandstone, mudstone, brick, quartz and coal.		√1
0.50	B102						MADE GROUND. Firm to stiff grey brown gravelly clay/very clayey subangular to subrounded, fine to coarse gravel of dolomite, mudstone, coal, sandstone and quartz with occasional rootlets.		
1.00	B103						From 1.00m; ironstone.		
1.20-1.65	U1				64 blows	(2.30)			
1.70	D2						Below 1.70m; becoming dark grey/black very gravelly clay with orange iron staining.		
2.20-2.65 2.20 2.20-2.70	SPT N=11 D3 B4	2.20	DRY	2,3/2,3,3,3	174.40	2.50 (0.90)	Possible MADE GROUND. Firm to stiff fissile light grey clay. Gravel is subangular to subrounded fine to coarse, friable mudstone. Possible		
3.20-3.65	U5			94 blows	173.50	3.40			
3.70	D6						Weathered SILTSTONE recovered as fissile light brown with occasional grey mottling silt/clay with subangular fragments of siltstone.		
4.20-4.64 4.20 4.20-4.70	SPT 107/285 D7 B8	2.20	DRY	7,9/16,25,31,35					
5.20-5.65 5.20 5.20-5.70	SPT N=45 D9 B10	2.20	DRY	5,7/9,10,12,14		(3.40)	Below 5.20m; grey mudstone with iron staining.		
6.20-6.50 6.20 6.20-6.80	SPT 58/150 D11 B12	2.20	DRY	9,15/23,35					
6.80	D13			22/09/2006:DRY	170.10	6.80			
6.80-7.04	SPT 25'/115 62/125	2.20	DRY	22/09/2006: 13,12/27,35 22/09/2006:			Complete at 7.04m		
Remarks								Scale (approx) 1:50	Logged By RMS
								Figure No.	