



British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL						Site M1 Widening J21-30 Contract 1 Phase 2B		Borehole Number CP2269	
Boring Method Cable Percussion		Casing Diameter 150mm cased to 2.50m		Ground Level (mOD) 127.30		Client Highways Agency		Job Number WAL060149B	
		Location 445754 E 355938 N		Dates 12/01/2007		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
				Groundwater was not apparent during boring(1) at 0.00m.			Driller notes clay backfill.		▽1
1.50-1.95	U1			60 blows	126.10	1.20	MADE GROUND. Firm to stiff friable brown mottled grey gravelly clay. Gravel is angular to subrounded fine and medium of mudstone, sandstone and coal.		
2.00	D2								
2.50-2.95 2.50 2.50-3.00	SPT N=16 D3 B4	2.50	DRY	3,3/3,4,4,5		(3.30)	Below 2.50m; slightly sandy slightly gravelly.		
3.50-3.95	U5			60 blows					
4.00	D6								
4.50-4.95 4.50 4.50-5.00	SPT N=17 D7 B8	2.50	DRY	4,3/4,4,4,5	122.80	4.50	Firm to stiff light blue grey locally mottled light brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of siltstone and mudstone. With occasional traces of organic matter.		
5.50-5.95	U9			80 blows					
6.00	D10					(3.60)			
6.50-6.95 6.50 6.50-7.00	SPT N=36 D11 B12	2.50	DRY	5,7/8,8,9,11					
7.50-7.95	U13			100 blows					
8.00 8.10-8.60	D14 B15				119.20	8.10 (0.50)	Weak green grey MUDSTONE recovered as gravel sized fragments.		
8.60	D16			12/01/2007:DRY	118.70	8.60	Complete at 8.68m		
8.60-8.68	SPT 25'/55 50/20	2.50	DRY	12/01/2007: 25/50 12/01/2007:					
Remarks								Scale (approx) 1:50	Logged By RMS
								Figure No.	