



British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL						Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI - CONTRACT 2		Borehole Number CP1286	
Boring Method Cable Percussion		Casing Diameter 200mm cased to 1.50m		Ground Level (mOD) 119.10		Client Highways Agency		Job Number WAL060099	
		Location 445160 E 363801 N		Dates 09/11/2006-10/11/2006		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
0.25-1.20	B1				118.85	(0.25) 0.25	TOPSOIL (driller's description)		
1.20-1.65 1.20 1.20-1.70	SPT N=17 D2 B3		DRY	6,5/4,4,5,4		(2.95)	MADE GROUND. Firm friable grey slightly sandy gravelly clay. Gravel is subangular to subrounded fine to coarse of mudstone and siltstone. With occasional rootlets. Below 1.20m; with lenses of orange silt and subangular fine to coarse gravel of claystone.		
2.20-2.65	U4			35 blows					
2.70	D5								
3.20 3.20-3.70	D6 B7			09/11/2006:DRY	115.90	3.20	MADE GROUND. Dense grey silty subangular to subrounded fine to coarse gravel and cobbles of mudstone and siltstone.		
3.20-3.65	SPT N=23	1.70	DRY	09/11/2006: 3,4/4,5,7,7 09/11/2006:					
4.20-4.65 4.20 4.20-4.70	SPT N=43 D8 B9	1.50	DRY	10/11/2006: 2,8/12,11,10,10		(3.10)			
5.20-5.65 5.20 5.20-5.70 5.40	SPT N=35 D10 B11 W13	1.50	DRY	2,6/8,8,9,10					
6.20-6.39 6.20 6.20-6.60 6.60	SPT 50/40 D12 B14 D14	1.50	DAMP	2,8/50 Water strike(1) at 6.60m, no rise after 20 mins. 10/11/2006:5.40m	112.80 112.50	6.30 (0.30) 6.60	MADE GROUND. Recovered as very dense grey subangular to subrounded fine to coarse gravel and cobble sized fragments of siltstone.		▼1
6.60-6.68	SPT 25'/75 50/4	1.50	5.40	10/11/2006: 25/50 10/11/2006:DRY			Complete at 6.68m		
Remarks								Scale (approx) 1:50	Logged By SM
								Figure No.	