
 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL							Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI- CONTRACT 2		Borehole Number CP1190	
Boring Method Cable Percussion		Casing Diameter 150mm cased to 1.50m		Ground Level (mOD) 131.10		Client Highways Agency		Job Number WAL060099		
		Location 445154 E 356533 N		Dates 03/10/2006		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	
0.10-0.40	B1			Groundwater was not apparent during boring(1) at 0.00m.	130.70	(0.40)	MADE GROUND. Dark grey/black subangular, fine to coarse gravel of limestone.		V1	
0.40-1.20	B2					(0.40)	MADE GROUND. Firm, friable light grey with occasional orange staining slightly gravelly clay. Gravel is subangular to subrounded, coarse of friable mudstone and coal.			
1.20-1.65	U3			60 blows						
1.70	D4					(3.20)				
2.20-2.65 2.20-2.65 2.20-2.70	SPT N=21 D5 B6	1.50	DRY	3,5/7,5,5,4			From 2.20m; mottled with light yellow brown slightly gravelly clayey fine sand. Gravel is subangular, fine to coarse of sandstone.			
3.20-3.65 3.20-3.65 3.20-3.70	SPT N=30 D7 B8	1.50	DRY	5,6/5,7,8,10	127.50	3.60				
4.20-4.65 4.20-4.65 4.20-4.70	SPT N=16 D9 B10	1.50	DRY	5,6/5,4,3,4		(1.60)	Possible MADE GROUND. Firm to stiff light grey slightly gravelly to gravelly clay. Gravel is subangular, fine to coarse slightly friable mudstone and occasional coal.			
5.20-5.65 5.20-5.65 5.20-5.70	SPT N=42 D11 B12	1.50	DRY	4,6/6,6,8,22	125.90	5.20	Weathered MUDSTONE recovered as firm to stiff light grey mottled yellow brown clay with subangular, fine to coarse fragments of very friable mudstone.			
6.20-6.37 6.20-6.65 6.20-6.70 6.80-7.20	SPT 25'/65 50/100 D13 B14 D15	1.50	DRY	25/50		(2.00)				
7.20	D16			03/10/2006:DRY	123.90	7.20				
7.20-7.26	SPT 25'/30 50/25	1.50	DRY	03/10/2006: 25/50 03/10/2006:			Complete at 7.26m			
Remarks							Scale (approx) 1:50	Logged By RMS	Figure No.	