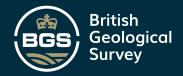


British Geological Survey NATURAL EMPIROMENT RESEARCH COUNCIL							Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI- CONTRACT 2		Borehole Number CP1258	
Boring Method Cable Percussion			Diamete 0mm cas	r ed to 6.00m	Ground Level (mOD) 127.70		Client Highways Agency	Job Numbe		
		Location 445303 E 363150 N			Dates 08/11/2006- 09/11/2006		Engineer Arup	Sheet 1/2		
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) lickness)	Description	Legend	Mater	
0.15-1.20	B1				127.55	(0.15) 0.15	TOPSOIL (driller's description) MADE GROUND. Firm becoming stiff mottled grey brown slightly sandy clay with lenses of orange silt and gravel sized fragments of subangular fine to coarse flint, mudstone, sandstone and coal. Sand is fine. With occasional organic matter.		**************************************	
1.20-1.65	U2			33 blows						
1.70	D3									
2.20-2.65 2.20 2.20-2.70	SPT N=8 D4 B5	1.70	DRY	2,2/2,2,2,2			At 2.20m; soft. Below 2.20m; grey.			
3.00-3.45 3.00 3.00-3.50	SPT N=37 D6 B7	1.70	DRY	2,5/11,7,9,10			At 3.00m; very stiff. Below 3.00m; slightly gravelly. Gravel is subangular to subrounded fine to coarse of mudstone and coal.			
4.00-4.45 4.00-4.45 4.00-4.50	SPT N=12 D8 B9	4.00	DAMP	1,2/2,3,3,4	TTT LITTLE MADE					
5.00-5.45	U10			38 blows						
5.50	D11				= = = = = =					
6.00-6.45 6.00 6.00-6.50	SPT N=11 D12 B13	6.00	DRY	1,2/2,3,2,4			(BCE)			
7.10-7.55 7.10 7.10-7.60	SPT N=11 D14 B15	6.00	DRY	9,5/2,3,3,3						
8.10-8.55	U16			40 blows						
8.60	D17					(17.65)				
9.60-10.05 9.60 9.60-10.10	SPT N=17 D18 B19	6.00	DRY	2,2/4,5,4,4						
Remarks			6				Scale (approx)	Logge	ed	
							1:50	SM No.	_	



British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL							Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI- CONTRACT 2		hol per 25
Boring Method Cable Percussion		Casing Diameter 200mm cased to 6.00m Location 445303 E 363150 N			Ground Level (mOD) 127.70 Dates 08/11/2006- 09/11/2006		Client Highways Agency Engineer Arup	Job Numb WAL06	
								Sheet	t
Depth (m)	Sample / Tests	Casing Depth (m)	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	d ş
55)							MADE GROUND (as previous sheet)		
11.10-11.55	U20			37 blows		<u>-</u> - - - - - -			
11.60	D21								××××××××××××××××××××××××××××××××××××××
12.60-13.05 12.60 12.60-13.10 12.90 13.00	SPT N=21 D22 B23 W29 W26	6.00	DRY	3,4/4,5,5,7			(BGS)		
14.10-14.55 14.60	U24 D25			Water strike(1) at 14.10m, no rise after 20 mins. 91 blows	(¿	(17.65)	At 14.10m; soft.		▼
15.60-16.05 15.60 15.60-16.10	SPT N=21 D27 B28	6.00	13.50	3,4/4,6,5,6					
		B					(BGS)		××××××××××××××××××××××××××××××××××××××
				08/11/2006:13.50r 08/11/2006: 08/11/2006:	n -				××××××
17.60 17.10-17.55 17.80-17.88	D31 U30 SPT 25*/40	6.00	14.10	09/11/2006: 79 blows 25/50	109.90	(0.20)	At 17.60m; grey clay with rare sand and rare gravel. Recovered as weak grey green subangular fine to coarse gravel sized fragments of MUDSTONE.		
17.80 17.80-18.00 18.00-18.06	50/40 D32 B33 SPT 25*/30	6.00	13.90	09/11/2006:13.90r 09/11/2006: 25/50 09/11/2006:12.90r		18.00	gravel sized fragments of MUDSTONE. Complete at 18.06m		
18.00	50/30 D34			09/11/2006:12.90r					
Remarks						<u> </u>	Scale (approx	Logge By	ed
							1:50 Figure	SM	_