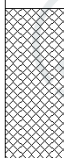



 <b>British Geological Survey</b> NATURAL ENVIRONMENT RESEARCH COUNCIL							<b>Site</b> M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI - CONTRACT 2		<b>Borehole Number</b> <b>CP1226</b>	
<b>Boring Method</b> Cable Percussion		<b>Casing Diameter</b> 150mm cased to 2.50m			<b>Ground Level (mOD)</b> 107.20		<b>Client</b> Highways Agency		<b>Job Number</b> WAL060099	
		<b>Location</b> 445434 E 367295 N			<b>Dates</b> 24/11/2006-27/11/2006		<b>Engineer</b> Arup		<b>Sheet</b> 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.			Clay backfill. (Driller's description).			
1.50-1.95	U1			60 blows	106.00	1.20 (0.80)	Clay mudstone. (Driller's description). At 1.50m; stiff.			
2.00	D2				105.20	2.00	Possible MADE GROUND. Stiff grey green, locally grey and occasionally mottled grey blue, locally friable, slightly sandy occasionally gravelly clay. Gravel is subrounded medium to coarse of sandstone and mudstone. With occasional sandstone cobbles. Possible			
2.50-2.95 2.50 2.50-3.00	SPT N=18 D3 B4	2.50	DRY	2,3/5,4,4,5						
3.50-3.95	U5			80 blows						
4.00	D6									
4.50-4.95 4.50 4.50-5.00	SPT N=32 D7 B8	2.50	DRY	3,5/7,8,8,9		(5.10)				
5.50-5.95	U9			60 blows			At 5.50m; very stiff.			
6.00	D10			24/11/2006:DRY			Below 6.00m; pale grey mottled orange brown, locally with some black staining. Gravel is subangular to subrounded medium to coarse, of siltstone with rare siltstone cobbles.			
6.50 6.50-7.00 6.50-6.95	D11 B12 SPT N=29	2.50	DRY	27/11/2006: 4,5/7,6,7,9			Below 6.50m; grey green veined grey blue clay, locally stained black with some mudstone gravel.			
7.10	D13				100.10	7.10 (0.50)	Black and orange brown mottled pale grey blue CLAY with frequent coarse sand sized fragments of coal.			
7.50-7.67 7.50 7.50-8.00	SPT 25'/95 50/75 D14 B15	2.50	DRY	15,10/50	99.60	7.60 (0.90)	At 7.50m; pale grey brown friable siltstone with some coarse sand sized fragments of coal.  Weak pale grey green SILTSTONE.			
8.50	D16			27/11/2006:DRY	98.70	8.50				
8.50-8.59	SPT 25'/40 50/45	2.50	DRY	27/11/2006: 25/50 27/11/2006:DRY			Complete at 8.59m			
<b>Remarks</b>								<b>Scale (approx)</b> 1:50	<b>Logged By</b> MW	
								<b>Figure No.</b>		