
 <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>CP1213</b>		
<b>Boring Method</b> Cable Percussion		<b>Casing Diameter</b> 150mm cased to 2.20m		<b>Ground Level (mOD)</b> 129.30		<b>Client</b> Highways Agency		<b>Job Number</b> WAL060099		
		<b>Location</b> 445267 E 362904 N		<b>Dates</b> 02/10/2006		<b>Engineer</b> Arup		<b>Sheet</b> 1/1		
<b>Depth (m)</b>	<b>Sample / Tests</b>	<b>Casing Depth (m)</b>	<b>Water Depth (m)</b>	<b>Field Records</b>	<b>Level (mOD)</b>	<b>Depth (m) (Thickness)</b>	<b>Description</b>	<b>Legend</b>	<b>Water</b>	
0.40	B101	2.20	DRY	Groundwater was not apparent during boring(1) at 0.00m.	128.90	(0.40) 0.40	Grey gravelly TOPSOIL with many rootlets. Gravel is subangular to subrounded fine to coarse of limestone, sandstone, mudstone and coal.		V1	
0.90	D102			MADE GROUND. Stiff becoming very stiff friable light grey and mottled yellow brown slightly gravelly locally sandy clay. Gravel is angular to subangular fine to coarse of coal, mudstone, carbonaceous mudstone, siltstone and sandstone.						
1.20-1.65	U2			87 blows						
1.70	D3			At 1.70m; cobble of friable light grey stained orange siltstone.						
2.20-2.65 2.20-2.65 2.20-2.70	SPT N=29 D4 B5			1,2/4,10,7,8	Below 2.20m; light yellow grey sandy silt.					
3.20-3.65	U6			100 blows						
3.70	D7			From 3.70m; with pockets of dark grey gravelly clay.						
4.20-4.65 4.20-4.65 4.20-4.70	SPT N=34 D8 B9			8,6/7,7,10,10	At 4.20m; sandy clay.					
5.20-5.65	U10			100 blows						
5.70	D11									
6.20-6.65 6.20-6.65 6.20-6.70	SPT N=34 D12 B13			4,5/7,8,8,11						
7.20-7.65	U14			100 blows						
7.70	D15			At 7.70m; black sand and gravel of coal.						
8.20-8.53 8.20-8.53 8.20-8.80	SPT 50/180 D16 B17			11,13/18,23,9	Recovered as yellow brown angular to subangular fine to coarse fragments of friable SILTSTONE.					
8.80-9.03	D18			02/10/2006:DRY						
8.80-9.03	SPT 25'/105 50/125			02/10/2006: 14,11/24,26 02/10/2006:	Complete at 9.03m					
<b>Remarks</b>								<b>Scale (approx)</b> 1:50		<b>Logged By</b> RMS
								<b>Figure No.</b>		