
 <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>CP1211</b>	
<b>Boring Method</b> Cable Percussion		<b>Casing Diameter</b> 150mm cased to 2.20m		<b>Ground Level (mOD)</b> 139.30		<b>Client</b> Highways Agency		<b>Job Number</b> WAL060099		
		<b>Location</b> 445143 E 362475 N		<b>Dates</b> 21/09/2006- 26/09/2006		<b>Engineer</b> Arup		<b>Sheet</b> 1/2		
<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>	
0.35-1.20	B1			Groundwater was not apparent during boring(1) at 0.00m.			MADE GROUND. Firm light brown grey slightly sandy slightly gravelly to gravelly clay. Gravel is subangular to subrounded, fine to coarse of sandstone and mudstone.		√1	
1.20-1.65 1.70	U2 D3			21/09/2006:DRY 21/09/2006: 46 blows 21/09/2006:						
2.20-2.65 2.20 2.20-2.70	SPT N=12 D4 B5	2.20	DRY	1,3/3,3,3,3			Below 2.20m; with coal. At 2.20m; pockets of dark grey fissured clay.			
3.20 3.20-3.65	D7 U6			52 blows						
4.20-4.65 4.20 4.20-4.70	SPT N=10 D8 B9	2.20	DRY	3,3/2,3,2,3						
5.20-5.65	U10			71 blows		(11.00)	At 5.20m; stiff.			
5.70	D11									
6.20-6.65 6.20 6.20-6.70	SPT N=15 D12 B13	2.20	DRY	10,8/4,4,3,4			From 6.20m; with angular to subangular, fine to coarse gravel of sandstone and occasional coal.			
7.20-7.65	U14			100 blows						
7.70	D15									
8.20-8.65 8.20 8.20-8.70	SPT N=43 D16 B17	2.20	DRY	4,7/8,9,11,15						
9.70-10.15	U18			100 blows						
<b>Remarks</b>							<b>Scale (approx)</b> 1:50	<b>Logged By</b> RMS	<b>Figure No.</b>	



 <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>CP1211</b>	
<b>Boring Method</b> Cable Percussion		<b>Casing Diameter</b> 150mm cased to 2.20m		<b>Ground Level (mOD)</b> 139.30		<b>Client</b> Highways Agency		<b>Job Number</b> WAL060099		
		<b>Location</b> 445143 E 362475 N		<b>Dates</b> 21/09/2006- 26/09/2006		<b>Engineer</b> Arup		<b>Sheet</b> 2/2		
<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>	
10.20	D19					(11.00)				
11.10-11.40 11.10 11.20	SPT 62/150 D20 B21	2.20	DRY	10,19/27,35	128.30 128.00	11.00 (0.30) 11.30 (0.60)	Fissile light yellow brown mottled grey becoming light grey CLAY with subangular fine to medium fragments of weathered mudstone. With occasional organic material. Possible			
11.90	D22			26/09/2006:DRY	127.40	11.90	Recovered as light grey angular to subrounded, fine to coarse gravel size fragments of weathered MUDSTONE.			
11.90-12.12	SPT 35/70	2.20	DRY	26/09/2006: 13,24/35 26/09/2006:DRY			Complete at 12.12m			
<b>Remarks</b>							<b>Scale (approx)</b> 1:50	<b>Logged By</b> RMS		
							<b>Figure No.</b>			