


 <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>RC1287</b>			
<b>Machine:</b> <b>Flush :</b> <b>Core Dia: mm</b> <b>Method :</b>		<b>Casing Diameter</b> 140mm cased to 21.00m		<b>Ground Level (mOD)</b> 114.70		<b>Client</b> Highways Agency			<b>Job Number</b> WAL060099			
		<b>Location</b> 445161 E 364402 N		<b>Dates</b> 21/11/2006		<b>Engineer</b> Arup			<b>Sheet</b> 1/4			
<b>Depth (m)</b>	<b>TCR</b>	<b>SCR</b>	<b>RQD</b>	<b>FI</b>	<b>Field Records</b>	<b>Level (mOD)</b>	<b>Depth (m) (Thickness)</b>	<b>Description</b>	<b>Legend</b>	<b>Water</b>		
0.00	PIT		0	0	Groundwater was not apparent during boring(1) at 0.00m.			Inspection Pit.		▽1		
	O/H		0	0			(1.20)					
1.20						113.50	1.20	Open Hole. For likely material description to 11.80m, see cable percussion borehole CP1287.				
<b>Remarks</b>											<b>Scale (approx)</b> 1:50	<b>Logged By</b> TL
											<b>Figure No.</b>	



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			<b>Location</b> 445161 E 364402 N		<b>Dates</b> 21/11/2006		<b>Engineer</b> Arup		<b>Sheet</b> 2/4	
<b>Depth (m)</b>	<b>TCR</b>	<b>SCR</b>	<b>RQD</b>	<b>FI</b>	<b>Field Records</b>	<b>Level (mOD)</b>	<b>Depth (m) (Thickness)</b>	<b>Description</b>	<b>Legend</b>	<b>Water</b>
	100	83	69	0				OPEN HOLE (as previous sheet)		
							(19.95)			
<b>Remarks</b>								<b>Scale (approx)</b> 1:50	<b>Logged By</b> TL	
								<b>Figure No.</b>		

[illegible]



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		<b>Location</b> 445161 E 364402 N		<b>Dates</b> 21/11/2006		<b>Engineer</b> Arup		<b>Sheet</b> 4/4		
<b>Depth (m)</b>	<b>TCR</b>	<b>SCR</b>	<b>RQD</b>	<b>FI</b>	<b>Field Records</b>	<b>Level (mOD)</b>	<b>Depth (m) (Thickness)</b>	<b>Description</b>	<b>Legend</b>	<b>Water</b>
30.10			0	0	P6 25/50 SPT(C) 25/75 50/75 P7	84.40	(2.15) 30.30	Between 30.15m and 30.30m; strong light brown ironstone.		
30.15							(0.85)	Weak grey brown MUDSTONE. Fractures: subhorizontal (40 degrees to 45 degrees), very closely spaced, smooth, clayey, planar, tight.		
30.15-30.30			0	0			31.15 31.28	Moderately strong light and dark grey black thinly colour laminated SILTSTONE.		
30.30							31.28 31.65	Strong light grey fine grained SANDSTONE. Fractures: horizontal, apparently medium spaced, smooth, planar; 1 no vertical, rough, stepped, open.		
30.65										
31.15			0	0		83.55				
31.28						83.42				
	<b>Sample / Tests</b>	<b>Casing Depth (m)</b>	<b>Water Depth (m)</b>							
31.30-31.60	P8				21/11/2006:			Complete at 31.65m		
					21/11/2006:					
					21/11/2006:					
<b>Remarks</b>								<b>Scale (approx)</b> 1:50	<b>Logged By</b> TL	<b>Figure No.</b>