



British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>						Site M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI - CONTRACT 2		Borehole Number <b>RC1220</b>		
Machine: Flush : Core Dia: mm Method :			Casing Diameter 140mm cased to 20.50m  Location 445355 E 365415 N			Ground Level (mOD) 103.35  Dates 16/10/2006- 23/10/2006		Client Highways Agency  Engineer Arup	Job Number WAL060099A  Sheet 1/3	
Depth (m)	TCR	SCR	RQD	FI	Field Records	Level (mOD)	Depth (Thickess) (m)	Description	Legend	Water
0.00	PIT		0	0	Groundwater was not apparent during boring(1) at 0.00m.			Open Hole		V1
	OH		0	0						
1.20							(13.90)			
	100	30	0	0	16/10/2006:DRY					
					16/10/2006:					
					16/10/2006:DRY					
					17/10/2006:					
Remarks										
									Figure No.	



 <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>RC1220</b>	
<b>Machine:</b> <b>Flush :</b> <b>Core Dia: mm</b> <b>Method :</b>		<b>Casing Diameter</b> 140mm cased to 20.50m		<b>Ground Level (mOD)</b> 103.35		<b>Client</b> Highways Agency			<b>Job Number</b> WAL060099A		
		<b>Location</b> 445355 E 365415 N		<b>Dates</b> 16/10/2006- 23/10/2006		<b>Engineer</b> Arup			<b>Sheet</b> 2/3		
<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>	
								OPEN HOLE (as previous sheet)			
13.90						89.45	13.90	MADE GROUND Light grey brown angular and subangular medium and coarse gravel of fine grained sandstone, with frequent cobbles and probably boulders of the same.			
14.50	100	9	0	0	17/10/2006:13.90m 17/10/2006: 17/10/2006:DRY 18/10/2006:		(1.20)				
15.30	53	14	0	0		88.25 88.05	15.10 (0.20) 15.30	MADE GROUND very stiff dark grey and brown gravelly clay. Gravel is angular and subangular medium and coarse of sandstone, mudstone and coal.			
	23	0	0	0			(1.50)	Poor recovery. MADE GROUND Light grey brown angular and subangular cobbles of fine grained sandstone. Between 15.30m and 19.00m; driller notes strata highly broken and caving, with no flush return.			
16.80						86.55	16.80	Very poor recovery. MADE GROUND Light grey brown angular and subangular cobbles of fine grained sandstone.			
	57	0	0	0			(1.50)				
18.30						85.05	18.30	Poor recovery. MADE GROUND Grey-brown clayey angular and subangular fine to coarse gravel of sandstone and mudstone.			
	0	0	0	0			(0.70)				
19.00					18/10/2006: 18/10/2006: 18/10/2006: 19/10/2006:	84.35	19.00	No Recovery At 19.00m; driller notes hole collapsing.			
	0	0	0	0							
<b>Remarks</b>								<b>Scale (approx)</b> 1:50	<b>Logged By</b> TL		
								<b>Figure No.</b>			

<div><div><b>British Geological Survey</b> NATURAL ENVIRONMENT RESEARCH COUNCIL</div></div>						<b>Site</b> M1 WIDENING JUNCTION 21 TO 30 PRELIMINARY GI - CONTRACT 2		<b>Borehole Number</b> RC1220			
<b>Machine:</b> <b>Flush :</b> <b>Core Dia: mm</b> <b>Method :</b>			<b>Casing Diameter</b> 140mm cased to 20.50m  <b>Location</b> 445355 E 365415 N			<b>Ground Level (mOD)</b> 103.35  <b>Dates</b> 16/10/2006-23/10/2006		<b>Client</b> Highways Agency  <b>Engineer</b> Arup		<b>Job Number</b> WAL060099A  <b>Sheet</b> 3/3	
<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>	
20.50							(3.00)	NO RECOVERY (as previous sheet)			
	OH		0	0							
22.00					19/10/2006:	81.35	22.00	Open Hole. Driller notes infill. From 22.00m to 23.60m; driller notes hole collapsing with no flush returns.			
					19/10/2006:						
					20/10/2006:		(2.60)				
					20/10/2006:						
					20/10/2006:						
					23/10/2006:	78.75	24.60	Complete at 24.60m			
					23/10/2006:						
<b>Remarks</b>									<b>Scale (approx)</b> 1:50	<b>Logged By</b> TL	
									<b>Figure No.</b>		