




British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL							Site Nottinghamshire/ Derbyshire COA NMCS2 Upgrade		Borehole Number CCTV10		
Machine:			Casing Diameter			Ground Level (mOD)		Client		Job Number	
Flush :						159.41		Highways Agency		F11451	
Core Dia: mm			Location			Dates		Engineer		Sheet	
Method :			444951.11 E 359012.4 N			15/09/1999-16/09/1999		WSP Environmental Ltd		1/2	
Depth (m)	TCR	SCR	RQD	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water
0.15-0.60	72	0	0	98	D01 0 blows	159.21	(0.20) 0.20	TOPSOIL.			
0.60							(0.60)	MADE GROUND: Light grey slightly clayey medium and coarse angular gravel sized fragments of limestone.			
1.50-1.95	100	0	0	98	1,1/3,3,5,6 SPT N=17	158.61	0.80	MADE GROUND: Brown mottled grey and orange sandy clay with some to much fine to coarse angular to subrounded gravel sized fragments of sandstone, mudstone, siltstone, quartz and coal with occasional cobbles.			
1.95											
2.50-2.95	100	0	0	98	2,2/4,5,6,8 SPT N=23		(3.70)				
2.95											
3.50-3.95											
3.95											
4.50-4.95	100	0	0	98	3,3/6,7,8,8 15/09/1999:3.30m 16/09/1999: SPT N=29 16/09/1999:3.30m	154.91	4.50 (0.30)	MADE GROUND: Brown clayey very sandy fine to coarse angular and subangular gravel sized fragments of sandstone.			
4.95						154.61	4.80	MADE GROUND: Brown mottled grey and orange very sandy clay with much fine to coarse angular to subrounded gravel sized fragments of sandstone, mudstone and coal.			
5.50-5.95	100	0	0	98	1,1/3,4,6,8 SPT N=21			---from 5.50m to 5.75m clayey fine to coarse angular and subangular gravel			
5.95											
6.50-6.90	100	0	0	98	1,2/10,14,17,9 SPT 50/250		(2.90)	---from 6.50m to 6.65m clayey fine to coarse angular and subangular gravel			
6.90											
7.50-7.95	100	0	0	98	1,2/4,7,10,29 SPT N=50			---from 7.50m to 7.70m sandstone boulder			
7.90						151.71	7.70	Firm to stiff light greyish brown mottled orange sandy CLAY with some to much fine to coarse angular to subangular gravel of sandstone, mudstone and coal. (Glacial Till)			
8.50	84	0	0	25			(0.80)				
8.50						150.91	8.50	Brownish grey thinly laminated subhorizontal moderately to highly weathered SILTSTONE, weak and very weak with extremely closely spaced subhorizontal and random fractures open smooth planar and irregular clay smeared. (Coal Measures)			
9.00	100	67	15	25			(0.50)				
9.00						150.41	9.00				
9.85			0	99	16/09/1999:9.20m 16/09/1999:		(1.00)	Light grey thinly laminated inclined very thinly and thinly bedded subhorizontal moderately to slightly weathered medium and coarse grained SANDSTONE, moderately weak to moderately strong locally strong with closely and very closely spaced subhorizontal and subvertical fractures open rough planar and medium spaced thin laminae of			
Remarks 1. Inspection pit excavated to 0.60m. 2. Borehole complete at 10.00m. 3. Borehole backfilled with grout. 4. Marker Post Ref 220/6 S.											
										Scale (approx) 1:50	Logged By NBR
Figure No.											



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			Location 444951.11 E 359012.4 N		Dates 15/09/1999- 16/09/1999		Engineer WSP Environmental Ltd			Sheet 2/2		
Depth (m)	TCR	SCR	RQD	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description			Legend	Water
						149.41	10.00	completely weathered siltstone very weak with extremely closely spaced random fractures open smooth irregular clay smeared. (Coal Measures) Complete at 10.00m				
Remarks								Scale (approx) 1:50		Logged By NBR		
								Figure No.				