



British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL							Site Nottinghamshire/ Derbyshire COA NMCS2 Upgrade		Borehole Number CCTV12		
Machine:			Casing Diameter			Ground Level (mOD) 111.52		Client Highways Agency		Job Number F11451	
Flush :			Location 445330.22 E 366846.3 N			Dates 21/08/1999		Engineer WSP Environmental Ltd		Sheet 1/1	
Core Dia: mm											
Method :											
Depth (m)	TCR	SCR	RQD	FI	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water
0.10-0.70	10	0	0	98	D01 0 blows	111.42	0.10	TOPSOIL.			
0.70-1.00					D02 0 blows		MADE GROUND: Brown sandy clay and fine to coarse angular and subangular gravel sized fragments of sandstone, mudstone and limestone.				
1.00	65	0	0	98	21/08/1999:0.00m 22/08/1999:	110.52	1.00	MADE GROUND: Brown very sandy clay with much fine to coarse angular to subrounded gravel sized fragments of sandstone, siltstone, mudstone, limestone and quartz.			
						(1.00)					
2.00-2.45					1,1/1,1,1,2 SPT N=5	109.52	2.00	MADE GROUND: Dark grey sandy clay with much fine and medium gravel sized fragments of mudstone and coal.			
2.45						(1.00)					
3.00-3.45	100	0	0	98	1,1/1,2,1,1 SPT N=5	108.52	3.00	MADE GROUND: Grey sandy clay with occasional to some fine and medium subangular and angular gravel sized fragments of sandstone and mudstone.			
3.45						(1.50)					
4.00-4.45	100	0	0	98	1,1/2,2,2,1 SPT N=7						
4.45											
5.00-5.45	100	0	0	98	0,0/1,0,1,1 SPT N=3	107.02	4.50	MADE GROUND: Orangish brown and grey mottled very sandy clay with some fine and medium subangular gravel sized fragments of mudstone.			
5.45						(1.45)	---from 5.00m becomes grey with much mudstone gravel (Possible Workings/Backfill)				
6.00-6.45	49	0	0	98	0,1/1,1,1,1 SPT N=4	105.57	5.95	MADE GROUND: Orangish brown and brown very sandy clay with some to much fine to coarse angular to subrounded gravel sized fragments of sandstone, mudstone, siltstone, quartz and coal.			
6.45											
7.00-7.45	100	0	0	98	1,1/1,2,3,2 SPT N=8						
7.45						(3.40)					
8.00-8.45	100	0	0	98	1,1/2,2,3,5 SPT N=12						
8.45							---from 8.48m to 8.75m dark brown with some rootlets				
9.50-9.95					1,2/3,4,7,7 SPT N=21 22/08/1999:100000.00m 22/08/1999:	102.17 101.57	9.35 (0.60) 9.95	Firm orangish brown mottled light grey sandy CLAY with some fine to coarse subangular and subrounded gravel and much root and rootlet traces with grey gleying. (Glacial Till)			
Remarks 1. Inspection pit excavated to 1.00m. 2. Borehole complete at 9.95m. 3. Borehole backfilled with grout. 4. Marker Post Ref 237/5 +10S.										Scale (approx) 1:50	Logged By NBR
										Figure No.	