

 Norwest Holst Soil Engineering Ltd.		BOREHOLE LOG		Borehole No. 7046			
Contract No. F9553 Location Arkwright Colliery		Method Cable Percussion Borehole Diam (mm) 150		Sheet 1 of 1 <i>Sketched 225</i> Coords E 444,039 N 370,861			
Client British Coal Consultant		Date 10/07/92		Ground Level 93.09 m.A.O.D			
Description of Strata		Legend	Depth Below G.L.(m)	O.D. Level (m)	Sampling & Insitu Testing	Ground Water	Piezometer Standpipe
					Depth(m) TCR SCR RQD	() & N	
TOPSOIL.			0.10	92.99	J 0.00 0.60		
Firm brown silty CLAY with occasional rootlets.					U 0.50 0.95	(77)	
--- from 0.90m becoming grey mottled brown, fissured			1.10	91.99	J 0.95 1.10		
Stiff orange brown mottled sandy grey very silty CLAY with occasional fine gravel.					SB 2.00 2.70	"8"	
Grey moderately weathered MUDSTONE very weak, with occasional ironstone nodules.			2.70	90.39	J 2.70 2.80 SB 2.80 4.30	"29"	
					SB 4.30 5.70	"47"	
Borehole complete at 6.05m.			6.05	87.04	SJ 5.70 6.05 C 6.05	"50" for 40mm "80" for 90mm"	
Daily Progress		Hard Strata		Comments		Logged by:	
Date	Final Depth (m) of:		Depth(m)	Time			
	Borehole	Water	Casing				
10/7/92	6.05	Dry	1.50	6.70-6.05	1 hour	Borehole dry whilst drilling.	
Casing maintained just above base of borehole unless stated							
Sample and Test Key	J	Small Disturbed Sample	S	Standard Penetration Test	S.P.T. ... N for full	Rotary Core Run	
	B	Bulk Disturbed Sample	C	Cone Penetration Test	C.P.T. 300mm penetration	Ground Water	
	U	Undisturbed U100 Sample	V	Insitu Vane Test	.../200 For given penetration	1 → First Water Strike	
	W	Water Sample	PR	Pressuremeter Test	.../25* Seating blows only	2 → Subsequent Water Strike	
	N.R.	No Recovery	O	Blows to drive U100	N.P. No Penetration	.../m/ps Standing Level	
						Level 20mins after strike	
						Casing Depth	
						Piezometer	
						Upper Seal	
						Sand Cell	
						Piezometer Tip	
						Lower Seal	
						Grout	