



Norwest Holst Soil Engineering Ltd.					BOREHOLE LOG		Borehole No. 7048	
Contract No. F9553		Method Cable Percussion		Sheet 1 of 1 SK47SW 227				
Location Arkwright Colliery		Borehole Diam (mm)150		Coords E 444,113 N 370,105				
Client British Coal		Date 09/07/92 10/07/92		Ground Level 92.77 m.A.O.D				
Consultant								
Description of Strata	Legend	Depth Below G.L.(m)	O.D. Level (m)	Sampling & Insitu		Testing ( ) & N SCR RQD	Ground Water	Piezometer/ Standpipe
				Depth(m)	TCR			
TOPSOIL. Medium dense yellowish brown slightly clayey silty fine SAND with occasional medium gravel. (Completely weathered sandstone)  --- from 0.95m becoming grey with some fine to coarse gravel of sandstone		0.10	92.67	J 0.10	0.50			
				U 0.50	0.95	(149)		
				J 0.95	1.10			
				J 1.40	1.60			
				SB 2.00	2.60	*14"NR		
Reddish brown highly weathered fine SANDSTONE very weak.		2.60	90.17	B 2.60	4.10			
				SB 4.10	4.80	*50"for 70mmNR		
--- from 4.80m becoming moderately to slightly weathered				B 4.80	5.05			
Borehole complete at 5.10m.		5.10	87.67	C 5.05	5.10	*50"for 75mm*		
Daily Progress			Hard Strata		Comments		Logged by:	
Date	Final Depth (m) of:			Depth(m)	Time			
	Borehole	Water	Casing					
9/7/92 10/7/92	5.10		3.00	4.80-5.05 5.10-5.40	1 hour 1hr30min			
Casing maintained just above base of borehole unless stated								
Sample and Test Key	J Small Disturbed Sample	S Standard Penetration Test	S.P.T. or C.P.T.	** N for full 300mm penetration		Rotary Core Run		Ground Water 1 → First Water Strike 2 → Subsequent Water Strike — m/p/m Standing Level △ Level 20mins after strike □ Casing Depth
	B Bulk Disturbed Sample	C Cone Penetration Test		.../200 For given penetration		T.C.R. Total Core Recovery (%)		
	U Undisturbed U100 Sample	V Insitu Vane Test		.../25* Seating blows only		S.C.R. Solid Core Recovery (%)		
	W Water Sample	K Permeability Test		N.P. No Penetration		R.Q.D. Rock Quality Designation (%)		
	N.R. No Recovery	Q Blows to drive U100						
						Piezometer Upper Seal Sand Cell Piezometer Tip Lower Seal Grout		