



Norwest Holst Soil Engineering Ltd.						BOREHOLE LOG		Borehole No. 7044	
Contract No. F9553		Method Cable Percussion		Sheet 1 of 1		SK47SW 222			
Location Arkwright Colliery		Borehole Diam (mm)150		Coords E 443,947 N 371,203					
Client British Coal		Date 13/07/92		Ground Level 88.01 m.A.O.D					
Consultant									
Description of Strata	Legend	Depth Below G.L.(m)	O.D. Level (m)	Sampling & Insitu Testing		Ground Water	Piezometer/ Standpipe		
				Depth(m)	( ) & N SCR ROD				
TOPSOIL.				J 0.00	0.50				
Firm light brown silty slightly sandy CLAY with occasional fine and medium gravel. (Possible made ground) --- becoming grey from 0.85m		0.50	87.51	U 0.50	0.95	(69)			
				J 0.95	1.10				
				J 1.40	1.65				
Firm to stiff brown mottled grey silty sandy CLAY.		1.90	86.11	J 1.90	2.00				
Grey mottled brown highly weathered SILTSTONE very weak.		2.20	85.81	U 2.00	2.45	(73)			
Brown highly to completely weathered SILTSTONE very weak.  --- from 3.50m becoming moderately to slightly weathered				J 2.45	2.60				
				J 2.90	3.15				
				SB 3.50	4.85	"41"			
--- from 4.85m becoming slightly weathered				SJ 4.85	5.30	"79" for 115mm			
Borehole complete at 5.40m.		5.40	82.81	C 5.30	5.40				
Daily Progress		Hard Strata		Comments		Logged by:			
Date	Final Depth (m) of:		Depth(m)	Time					
13/7/92	Borehole 5.40	Water Dry	Casing 1.50	4.85-5.30	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		Ground Water		Piezometer	
	B Bulk Disturbed Sample	C Cone Penetration Test	or C.P.T. 300mm penetration	I.C.R. Total Core Recovery (%)		1 -> First Water Strike		Upper Seal	
	U Undisturbed U100 Sample	V Insitu Vane Test	.../200 For given penetration	S.C.R. Solid Core Recovery (%)		2 -> Subsequent Water Strike		Sand Cell	
	W Water Sample	PR Pressuremeter Test	.../25* Seating blows only	R.O.D. Rock Quality Designation (%)		--- am/pm Standing Level		Piezometer Tip	
	N.R. No Recovery	K Permeability Test	N.P. No Penetration			Level 20mins after strike		Lower Seal	
						II Casing Depth	Grout		