



Norwest Holst Soil Engineering Ltd.						BOREHOLE LOG		Borehole No. 7045A	
Contract No. F9553		Method Cable Percussion		Sheet 1 of 1		SK47SW 224			
Location Arkwright Colliery		Borehole Diam (mm)150		Coords E 444,002 N 371,195					
Client British Coal		Date 13/07/92		Ground Level 92.14 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 RQD				
TOPSOIL.		0.30	91.84						
MADE GROUND: Dark grey clayey mudstone with some fine and medium gravel size coal fragments.		6.90	85.24	SB 6.40	6.90	"50"			
Dark grey slightly weathered laminated carbonaceous MUDSTONE, weak.		8.05	84.09	SB 6.90	8.00	"118" for 246mm			
Borehole complete at 8.05m.		8.05	84.09	SJ 8.00	8.05	"73"			
Daily Progress		Hard Strata		Comments		Logged by:			
Date	Final Depth (m) of:		Depth(m)	Time					
13/7/92	Borehole 8.05	Water Dry	Casing 4.50	5.00-5.40 7.70-8.00	1hr30min 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			
	B Bulk Disturbed Sample	C Cone Penetration Test	C.P.T. 300mm penetration	T.C.R. Total Core Recovery (%)		1 → First Water Strike			
	U Undisturbed U100 Sample	V Insitu Vane Test	.../200 For given penetration	S.C.R. Solid Core Recovery (%)		→ Subsequent Water Strike			
	W Water Sample	PR Pressurometer Test	.../25* Seating blows only	R.Q.D. Rock Quality Designation (%)		— cm/gm Standing Level			
	N.R. No Recovery	Q Blows to drive U100	N.P. No Penetration			⚡ Level 20mins after strike			
						Casing Depth			
						Piezometer			
						Upper Seal			
						Sand Cell			
						Piezometer Tip			
						Lower Seal			
						Grout			