



Norwest Holst Soil Engineering Ltd.					BOREHOLE LOG		Borehole No. 7050																																														
Contract No. F9553		Method Cable Percussion		Sheet 1 of 1 SK46NW 213																																																	
Location Arkwright Colliery		Borehole Diam (mm)150		Coords E 443,940 N 369,824																																																	
Client British Coal		Date 13/07/92		Ground Level 98.53 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																																													
TOPSOIL.		0.30	98.23	U	0.50	0.95	(50)																																														
Grey and brown moderately to highly weathered interlaminated MUDSTONE and SILTSTONE very weak.		1.15	97.38	J	1.15																																																
Grey and brown moderately to slightly weathered laminated SILTSTONE very weak.		1.80	96.73	S	1.50	1.80	"72" for 150mm																																														
Grey slightly weathered silty fine SANDSTONE weak.		2.60	95.93	B	2.00																																																
Borehole complete at 2.60m.				S	2.40	2.60	"50" for 70mm																																														
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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	C.P.T. 300mm penetration	T.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.Q.D. Rock Quality Designation (%)		— em/pm Standing Level		Piezometer Tip																																													
	N.R. No Recovery	D Blows to drive U100	N.P. No Penetration			Σ Level 20mins after strike		Lower Seal																																													
						(I) Casing Depth		Grout																																													