

	Norwest Holst Soil Engineering Ltd.		BOREHOLE LOG	Borehole No. 7045		
Contract No. F9553		Method Cable Percussion				
Location Arkwright Colliery						
Client British Coal		Borehole Diam (mm)150		Sheet 1 of 1 SKL TSW 223 Coords E 444,002 N 371,195		
Consultant		Date 10/07/92 13/07/92	Ground Level 92.14 m.A.O.D			
Description of Strata	Legend	Depth Below G.L.(m)	O.D. Level (m)	Sampling & Insitu Testing Depth(m) TCR () & N SCR RQP	Ground Water	Piezometer Standpipe
TOPSOIL.				J 0.00 0.30		
MADE GROUND: Dark grey clayey mudstone with some fine to medium gravel sized coal fragments.		0.30	91.84	J 0.30 0.50		
--- from 0.95m with some fine to coarse gravel sized fragments				U 0.50 0.95 (100)		
				J 0.95 1.10		
--- from 1.40m to 3.95m becoming dark grey clay with some fine to medium gravel sized coal and mudstone fragments				J 1.40 1.60		
				SB 2.00 3.50 "6"		
				U 3.50 3.95 (150)		
--- from 3.95m becoming black clayey carbonaceous mudstone.				J 3.95 4.10		
				J 4.60 4.80		
				S 5.60 5.70		
Borehole complete at 6.30m.		6.30	95.84			
Daily Progress						
Date	Final Depth (m) of:		Hard Strata		Comments	Logged by:
	Borehole	Water	Casing	Time		
10/7/92	5.70	Dry	3.00	4.80-5.60	Borehole dry whilst drilling.	
13/7/92	6.30	Dry	4.50	5.70-6.30		
Sample and Test Key	S Small Disturbed Sample		Standard Penetration Test		Rotary Core Run	
	B Bulk Disturbed Sample		C Cone Penetration Test		T.C.R. Total Core Recovery (%)	
	U Undisturbed U100 Sample		V In situ Vane Test		S.C.R Solid Core Recovery (%)	
	W Water Sample		PR Pressuremeter Test		R.Q.D Rock Quality Designation (%)	
	N.R. No Recovery		K Permeability Test		Level 20mins after strike	
			(I Blows to drive U100		(I Casing Depth	
			S.P.T. ... N for full or C.P.T. 300mm penetration .. /200 For given penetration .. /25 Seating blows only N.P. No Penetration		Piezometer	
					Upper Seal	
					Sand Cell	
					Piezometer Tip	
					Lower Seal	
					GROUT	
Casing maintained just above base of borehole unless stated						