Norwest Holst Soil Engineering Ltd.

BOREHOLE LOG — Borehole No. **7050**

Contract No. F9553
Location Arkwright Colliery
Client British Coal
Consultant

Method Cable Percussion
Borehole Diam (mm) 150
Date 13/07/92

Sheet 1 of 1 SK46NW 213
Coords E 443,940 N 369,824
Ground Level 98.53 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 RQD	Ground Water	Piezometer/ Standpipe
TOPSOIL.		0.30	98.23						
Grey and brown moderately to highly weathered interlaminated MUDSTONE and SILTSTONE very weak.		1.15	97.38	U	0.50	0.95	(50)		
Grey and brown moderately to slightly weathered laminated SILTSTONE very weak.		1.80	96.73	J	1.15				
				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		

Daily Progress				Hard Strata		Comments	Logged by:
Date	Final Depth (m) of: Borehole	Water	Casing	Depth(m)	Time	Borehole dry whilst drilling.	
13/7/92	2.60	Dry	1.50	1.80-2.40	1 hour		

Casing maintained just above base of borehole unless stated

Sample and Test Key

- J Small Disturbed Sample
- B Bulk Disturbed Sample
- U Undisturbed U100 Sample
- W Water Sample
- N.R. No Recovery
- S Standard Penetration Test
- C Cone Penetration Test
- V Insitu Vane Test
- PR Pressuremeter Test
- K Permeability Test
- () Blows to drive U100
- S.P.T. or C.P.T. " " N for full 300mm penetration
- ../200 For given penetration
- ../25" Seating blows only
- N.P. No Penetration
- Rotary Core Run
- T.C.R. Total Core Recovery (%)
- S.C.R. Solid Core Recovery (%)
- R.Q.D. Rock Quality Designation (%)

Ground Water
- 1 → First Water Strike
- 2 → Subsequent Water Strike
- am/pm Standing Level
- Level 20mins after strike
- () Casing Depth

Piezometer
- Upper Seal
- Sand Cell
- Piezometer Tip
- Lower Seal Grout