



# Holst Soil Engineering Limited

## BOREHOLE LOG

Borehole No. 9

Contract No. S10788/F2420  
Location Blackwell Colliery  
Client Derbyshire County Planning Officer.  
Method of Boring Percussion  
Diameter of Borehole 0.20m

SK 45 NW 154  
4387 5749

Sheet 1 of 1  
Chainage  
Ground Level  
Date 17.3.73

| Description of Strata  | Legend | Depth below G.L.m | Thick-ness of Strata m | Type of Sample | c KN/sq.m | Ø deg | m.c. % | γ Kg/cum | N |
|--|--------|-------------------|------------------------|----------------|-----------|-------|--------|----------|---|
| MADE GROUND: Black/grey shale and mudstone (base for rig)    |        | 0.60              | 0.60                   |                |           |       |        |          |   |
| MADE GROUND: Slurry (Colliery waste)                         |        | 2.00              | 1.40                   |                |           |       |        |          |   |
| MADE GROUND - Grey/black shale and mudstone (colliery waste) |        |                   |                        |                |           |       |        |          |   |
|  |        | 19.20             | 17.20                  |                |           |       |        |          |   |
| Stiff green CLAY   |        | 20.10             | 0.90                   |                |           |       |        |          |   |

### Type of Sample

- ☐ Undisturbed Sample  
☐ Disturbed Sample  
☐ Water Sample  
☐ Penetration Test  
☐ Apparent Cohesion
- Ø Angle of Friction  
 m.c. Moisture Content  
 γ Bulk Density  
 N S.P.T. Value

### Remarks (Observations of Ground Water etc)

Water struck at 19.20m

Water levels are subject to seasonal or tidal variations and should not be taken as constant