



# Holst Soil Engineering Limited

## BOREHOLE LOG

Borehole No. 1

Contract No. SI1273/F2688

Location Pinxton

Client Derbyshire County Planning Dept.

Method of Boring Percussion

Diameter of Borehole 0.20m

Sheet 1 of 1

Chainage

Ground Level 155.00m AOD.

Date 5-10-73

| Description of Strata                               | Legend | Depth below G.L.(m) | Thickness of Strata(m) | Type of Sample | c KN/sq.m | φ deg | m.c. % | γ Kg/cum | N            |
|---|--------|---------------------|------------------------|----------------|-----------|-------|--------|----------|--------------|
| TOPSOIL   |        | 0.20                | 0.20                   |                |           |       |        |          |              |
| Stiff brown mottled silty CLAY with rock fragments. |        |                     |                        | 0.50           | 76        | 7     | 23.4   | 2010     |              |
|   |        |                     |                        | 1.95           | 110       | 12    | 15.2   | 2190     |              |
|   |        | 2.70                | 2.50                   | 3.15           |           |       |        |          |              |
| Moderately weathered hard grey silty MUDSTONE       |        | 3.30                | 0.60                   |                |           |       |        |          | 75 for 0.15m |

43984 56034

SK45NW 100

Type of Sample

☐ Undisturbed Sample  
☐ Disturbed Sample  
☐ Water Sample  
☐ Penetration Test  
☐ Apparent Cohesion

φ Angle of Friction  
m.c. Moisture Content  
γ Bulk Density  
N S.P.T. Value

Remarks (Observations of Ground Water etc)

Borehole dry

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