



# Holst Soil Engineering Limited

## BOREHOLE LOG

Borehole No.

21

SK 45 NW 166  
4395 5736

Contract No. S10788/E2420

Location Blackwell

Client Derbyshire County Planning Officer.

Method of Boring Percussion

Diameter of Borehole 0.20m

Sheet 1 of 1

Chainage

Ground Level

Date 6.5.73

Description of Strata	Legend	Depth below G.L.m	Thick-ness of Strata m	Type of Sample	c KN/sq.m	φ deg	m.c. %	γ Kg/cum	N
MADE GROUND Shale and mudstone (Base for rig)		0.6	0.6	1.00					1
				1.40					1
MADE GROUND Coal slurry (colliery waste)				3.00					1
				4.50					1
				6.00					1
				7.50					1
				9.10					1
				10.65					1
				12.10					1
				13.70					1
		14.4	13.8	15.50					1
MADE GROUND: Grey/black shale and mudstone (colliery waste)				17.40	44	22	12.4	1960	
				19.30	42	17	14.7	1910	
Stiff green/brown bottled CLAY		18.9	4.5						
		19.8	0.9						

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)

Water first struck at 18.9m

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