



# Holst Soil Engineering Limited

## BOREHOLE LOG

Borehole No.

27

SK 45 NW 172  
4399 5727

Contract No. S10788/F2420

Location Blackwell

Client Derbyshire County Planning Officer.

Method of Boring Percussion

Diameter of Borehole 0.20m

Sheet 1 of 1

Chainage

Ground Level

Date 21.3.73

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 shaley colliery waste (base for rtg)		2.25	2.25	2.5					
MADE GROUND coal slurry (colliery waste)		3.9	1.65	4.10					1
MADE GROUND Grey/black shale and mudstone (colliery waste)				5.55	41.4	11	8.6	2036	
					131.1	16	8.5	1968	
		8.7	4.8	7.65	103.5	16	11.6	1961	
Stiff green CLAY with boulders		9.6	0.9	9.15					

### Type of Sample

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

### Remarks (Observations of Ground Water etc)

Water first struck 3.9m  
" " sealed 6.0m