



# Holstall Engineering Limited

## BORHOLE LOG

Borehole No.

14

Contract No. S10/FA/F2420

Location Blackwell

Client Derbyshire County Planning Officer.

Method of Boring Percussion

Diameter of Borehole 0.23m

SK 45 NW 159  
4395 5743

Sheet 1 of 1

Chainage

Ground Level

Date 14.3.73

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 (colliery waste)				0.75 □	82	6	21.9	2030		
				1.60 □	69	21	5.6	1930		
				2.90 □	140	5	7.1	2130		
				4.60 □	160	18	8.1	1830		
				6.10 □	110	25	7.4	1880		
				7.70 □	55	23	7.2	1970		
				9.30 □	69	24	10.6	1900		
				10.85 □	97	16	9.2	2060		
				12.45 I						22
				13.90 □	35	24	11.7	1730		
				15.25 I						36
				16.95 □	125	24	9.1	1850		
				18.55 I						43
				20.15 I						47
				21.35	21.35	22.10 □	76	6		24.3
Stiff green mottled CLAY		22.55	1.20							
						Temperature normal.				

Temperature normal.

### Type of Sample

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

### Remarks (Observations of Ground Water etc)

None encountered.

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