



SK 46 NW 100

Holst Soil Engineering Limited

BOREHOLE LOG

4286 6591

Borehole No. E

Contract No. S12203/F3136

Location Holmewood Industrial Estate

Client Derbyshire County Council

Method of Boring Percussion

Diameter of Borehole 0.20 m.

Sheet 1 of 1

Chainage

Ground Level 143.2 m. A.D.D.

Date 6.5.75

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/cu.m	N
MADEGROUND:				0.80					
Red shale, occasionally fused into cobble size fragments				1.50					21
				2.60			12.5		21
				3.50					
				-					25
				5.50					24
				-					
				7.00					25
				-					
				10.20					27
				-					
				12.50					28
				-					
		15.00	15.00	15.00	83	6	33.4	1910	
MADEGROUND: Black, clay and mudstone		15.60	0.60						
Stiff, grey/brown, silty, stoney, CLAY		16.50	0.90	16.25	88	0	23.4	2000	
Highly weathered, pale grey and brown clayey				17.20					
MUDSTONE		17.70	1.20						44

Key

□ Undisturbed Sample φ Angle of Friction

○ Disturbed Sample m.c. Moisture Content

△ Water Sample γ Bulk Density

I Penetration Test N S.P.T. Value

c Apparent Cohesion

Remarks (Observations of Ground Water etc.)

Slow seepage at 9.70 m

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