



SK45NE 157

Holst Soil Engineering Limited



PARKSIDE LANE
LEEDS LS115BX.

Contract No. SI 1034/F2498

Location Sutton in Ashfield

Client East Midlands Electricity Board

Borehole No. 9

Ground Level 128.3 m A.O.D.

Date 4/6/02

BOREHOLE LOG

5842

STRATA	Legend	Depth below Ground Level	Thickness of Strata	Type of Sample	c kN/sq.m	ϕ deg.	m.c %	γ kg/cu.m.	N
TOP SOIL		0.15	0.15						
Soft to firm brown and grey mottled shaley CLAY				0.45 □	39	0	30.6	1875	
				1.60 □	31	0	31.3	2030	
		2.05	1.90	3.20 I					17
Very highly weathered black shaley MUDSTONE with Coal and Clay partings		2.65	0.60						
Highly weathered pale grey/brown MUDSTONE		3.65	1.00	3.20 I					85

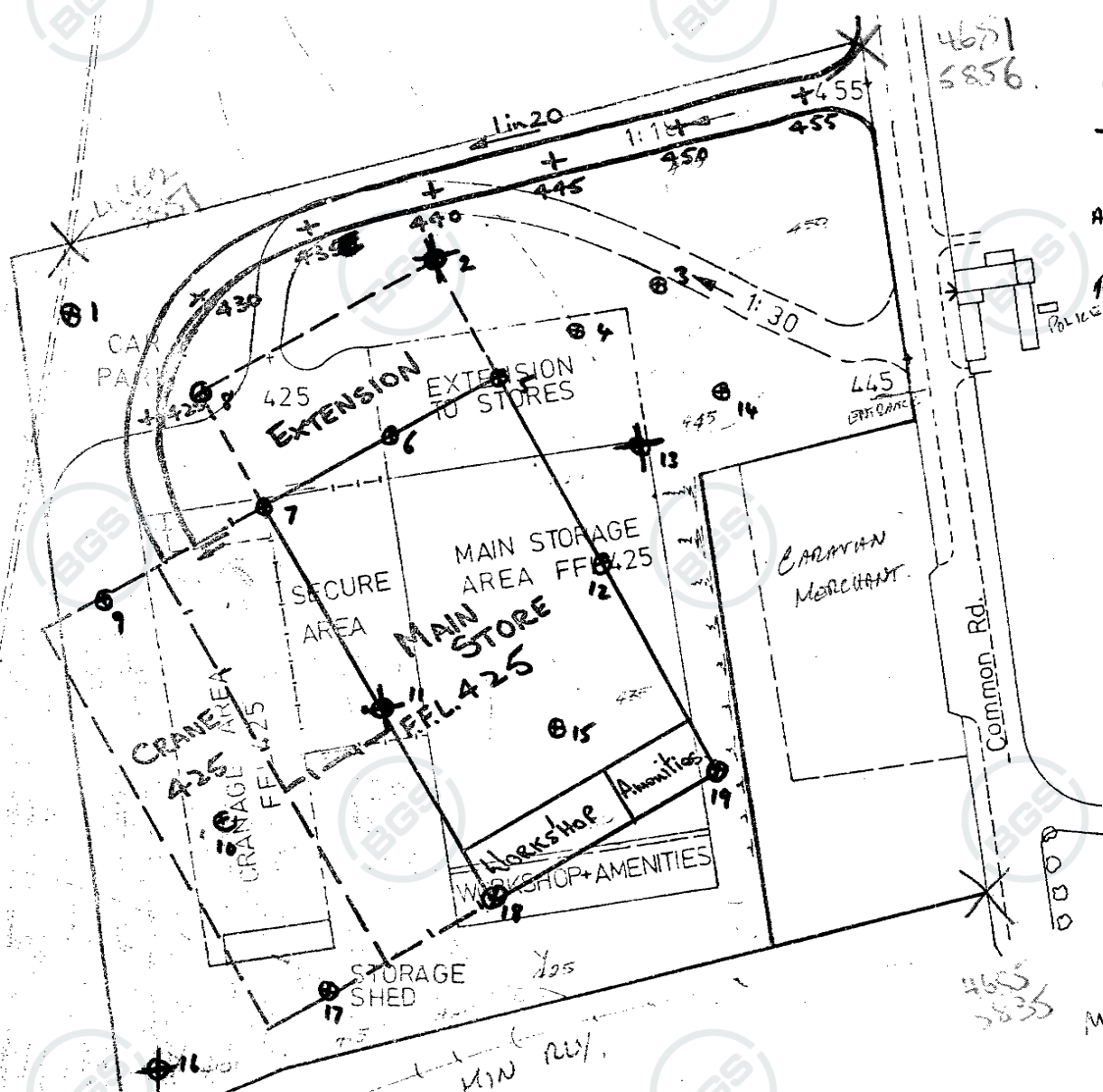
Water Struck at None Encountered

Maximum Observed Water Level

Undisturbed Sample □
Disturbed Sample ○
Water Sample ▲
Penetration Test I

c = Cohesion
 ϕ = Angle of Internal Friction
m.c = Moisture Content
 γ = Bulk Density
N = Standard Penetration Value

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



- ⊕ S + A Bore
- ⊗ S + A + ROTARY Bore

Average S+A depth $\frac{20'}{(6m)}$
 $= 340' (11m)$

Rotary depth - coal seams or
say 200' (10' core)
65 in 55 in (lower)

Approx A

Approx ^{Site} A

STATSN 149-162

for Brown

and write