



BOREHOLE RECORD

LOCATION: Aberdeen to Arbroath JOB NO.: 3800A DATES: COMMENCED: 4.9.79 WATER LEVELS: INITIAL: Dry m
BOREHOLE NO.: X38/1 DIAMETER: 75 mm SURFACE LEVEL: m COMPLETED: 4.9.79 FINAL: Dry m

Description	Depth (m)	Thick-ness (m)	Level (m)	Samples	N	w (%)	ρ (Mg/m ³)	c (kN/m ²)	φ (deg.)	LL (%)	PL (%)	PI (%)	Indicated Safe Bearing Capacity (kN/m ²)	
													Strip	Square
Topsoil	0.30	0.30												
Firm intact red very sandy clay containing gravel	4.00	3.70		D										
				1.00	13									
				D	1.65									
				3.00	8								130	130
					3.15								80	80

Remarks:

Symbols: N - Number of blows in Standard Penetration Test w - Natural moisture content ρ - Natural bulk density c - Apparent cohesion φ - Angle of internal friction
LL - Liquid limit PL - Plastic limit PI - Plasticity index U - 100 mm diameter undisturbed sample D - Disturbed sample B - Bulk sample

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