

TABLE OF INDEX PROPERTIES

Project No	Project Name
M3012	RO BISHOPTON

Hole No.	Sample			Soil Description	p	p _d	W	< 425 µm sieve	W _L	W _P	I _p	LS	p _s	Remarks									
	No.	Depth (m)													type	Mg/m ³	%	%	%	%	%	%	Mg/m ³
		from	to																				
BH4A	11	5.10		B			23								53/35								
BH4A	12	5.30		U			26																
BH4A	16	6.30		B			26	100	45	27	18												
BH4A		7.40		U																			
BH4A	21	8.00		B			29																
BH5A	2	2.00		B																			
BH5A	3	2.10		U			715																
BH5A	6	3.00		B			41	100	42	26	16												
BH5A	7	3.00		U			29																
BH5A	10	4.00		B			25								36/10								
BH5A	12	5.00		U			29																
BH5A	19	7.10		U			28																
BH5A	27	9.50		U			34																
BH5A	32	11.00		B			35	100	39	26	13				54/25								
BH6	2	2.00		B			21	86	41	23	18				36/33								
BH6	3	2.00		U			18																
BH6	10	4.40		U			16																
BH6	14	6.40		B				79	27	15	12												
BH6	21	8.00		D			18																
BH7B	4	2.10		U			29																
BH7B	8	3.10		B			32	100	36	27	9												
BH7B	11	4.10		U			32																
BH7B	17	6.10		B			33	100	39	23	16				52/34								
BH7B	18	6.10		U			37																

WT
 LP
 WT
 LP

General notes: Definitive method used in all cases unless annotated otherwise. See individual test reports for further details.

Key:

p	bulk density, linear	W _L	Liquid limit	LS	Linear shrinkage	p _s	particle density
p _d	dry density	W _P	Plastic limit	-g	gas jar	-p	small pycnometer
w	moisture content	I _p	Plasticity Index				

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BAE SYSTEMS		Environmental Services			Site Bishopton		Trial Pit Number CPT 79	
Excavation Method Starter Pit		Dimensions		Ground Level (mOD) 9.17		Client BAE SYSTEMS Properties Ltd/Redrow Commercial Developments Ltd		Job Number P501-OD
		Location 242887.2 E 669778.2 N		Dates 31/03/2003		Engineer BAE SYSTEMS Environmental Services		Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend
0.50	D1			8.77	0.40	Brown clayey friable TOPSOIL with roots and lenses of sand		
					0.40	Firm grey sandy organic CLAY with reddish brown mottles and a little gravel (LPFM)		
					1.10	Complete at 1.10m		
Plan						Remarks		
						No groundwater encountered Starter pit for CPT position Shear vane test results at 1.3m = 90, 90, 70 KPa		
						Scale (approx)	Logged By	Figure No.
						1:20	NM	P501-OD.CPT 79

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Project No		Project Name													
M3012		RO BISHOPTON													
Hole No.	Sample				Soil Description	ρ	ρ_d	W	< 425 μm sieve	W_L	W_P	I_P	LS	ρ_s	Remarks
	No.	Depth (m)		type		Mg/m ³	%	%	%	%	%	%	%	Mg/m ³	
		from	to												
BH8	2	1.50		U	Brown slightly sandy CLAY			44							LP
BH8	5	2.50		B	Brown slightly sandy CLAY			39	95	43	30	13			
BH8	10	3.50		U	Grey slightly sandy CLAY										
BH8	11	7.00		B	Brown CLAY			52							63/29
BH8	17	13.00		B	Brown slightly sandy CLAY			41							42/55
BH8	17	15.50		U	Grey slightly sandy slightly gravelly CLAY			12	64	29	17	12			
BH9	2	1.50		U	Brown slightly sandy CLAY			29							
BH9	5	2.50		B	Grey/brown slightly sandy CLAY			28							62/31
BH9	7	4.00		U	Grey slightly sandy CLAY			32							

General notes: Definitive method used in all cases unless annotated otherwise. See individual test reports for further details.

Key: ρ bulk density, linear W_L Liquid limit LS Linear shrinkage ρ_s particle density
 ρ_d dry density W_P Plastic limit -g = gas jar
w moisture content I_P Plasticity Index -p = small pyknometer

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Soil Mechanics

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