

# Percussion Drilling Log

Project Name: SESRO		Client: Thames Water		Date:	
Location: Abingdon, Oxfordshire		Contractor:		Co-ords: E443012.50 N195881.00	
Project No. : 303568-00		Crew Name:		Drilling Equipment:	
Borehole Number BH01	Hole Type CP+RC	Level 62.50m AoD	Logged By	Scale 1:50	Page Number Sheet 1 of 5

Well	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth (m)	Type	Results					
				0.30	62.20		Very stiff desiccated friable brown sandy very silty slightly organic CLAY with some fine to medium limestone gravel (Topsoil/subsoil) TS	
				0.80	61.70		Very stiff desiccated friable brown sandy very silty slightly organic CLAY with some fine to medium limestone gravel (Topsoil/subsoil) RTD	
				1.05	61.45		Cream moderately weathered shelly colitic LIMESTONE moderately strong with a little oolite sand (CORALLIAN) CG	1
							Continued on next page	
								2
								3
								4
								5
								6
								7
								8
								9
								10

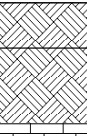
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
								0.00	20.30	90	0

Remarks



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Well	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth (m)	Type	Results					
	1.70	SPT	N=*** (0/150)	3.50	59.00		Continued from previous page	
								1
								2
								3
							Continued on next page	
								4
								5
								6
								7
								8
								9
								10

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation
								0.00	20.30	90	0

Remarks



# Rotary Core Log

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Borehole Number BH01	Hole Type CP+RC	Level 62.50m AoD	Logged By	Scale 1:50	Page Number Sheet 3 of 5

Well	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
			TCR	SCR	RQD					
									Continued from previous page	
										1
										2
										3
						3.70	58.80		Light slightly silty fine to medium calcareous SAND (CORALLIAN) CG	4
									Light brown fine to medium moderately weathered shelly (bivalve and coral) oolitic LIMESTONE with very closely to closely spaced irregular rough iron stained discontinuities dip 0 deg. to 5 deg., tight and open to 5mm with some sand infill. (CORALLIAN) CG	5
						4.80	57.70		below 4.25m: lught grey slightly weathered, discontinuities absent	6
									Light brown orange brown in part slightly silty fine occasionally medium calcareous SAND with rare sub-horizontal thin laminations and lenses of soft to firm grey clay. (CORALLIAN) CG	7
									From 5.00m to 5.10m: with abundant laminations and lenses of firm grey brown clay	8
									From 6.75m to 6.85m: with abundant laminations and lenses of firm grey brown clay	9
									From 7.00m to 8.25m: very thin to thin sub-horizontal orange brown and light brown layering	10
									From 8.65m to 8.75m: slightly clayey silty fine to coarse sand	

Remarks															




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Well	Depth (m)	Type / FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description	
			TCR	SCR	RQD						
										Light brown orange brown in part slightly silty fine occasionally medium calcareous SAND with rare sub-horizontal thin laminations and lenses of soft to firm grey clay. (CORALLIAN) CG	11
							12.57	49.93		Light brown silty becoming slightly silty fine occasionally medium calcareous SAND with rare thin laminations and lenses of dark grey clay. (CORALLIAN) CG	13
							13.75	48.75		Light grey fine slightly weathered calcareous SANDSTONE very strong (CORALLIAN) CG	14
							14.60	47.90		<i>irregular rough discontinuity dip 30 deg.</i> <i>irregular tight discontinuities dip 20 deg.</i> <i>irregular sub-horizontal discontinuity open to 5mm</i> <i>irregular tight discontinuities dip 20 deg.</i> No recovery, grey SAND (CORALLIAN) CG	15
							16.40	46.10		<i>from 16.25m to 16.3m: laminated light grey sandstone dip 10 deg.</i> <i>from 16.3m to 16.35m: slightly silty fine sand</i> <i>from 16.35m to 16.4m: stiff grey brown laminated clay</i>	16
							16.85	45.65		Light grey fine slightly weathered calcareous SANDSTONE very strong (CORALLIAN) CG <i>from 16.45m to 16.65m: irregular rough tight discontinuities dip 10 deg.</i> <i>from 16.82m to 16.85m: firm grey fissured clay</i> No recovery, grey SAND (CORALLIAN) CG	17
							18.70	43.80		<i>Below 18.25m: grey brown silty fine to medium calcerous SAND</i> <i>From 18.65m to 18.7m: firm grey laminated clay</i>	18
							18.95	43.55		Light grey fine to medium slightly weathered calcareous SANDSTONE very strong with frequent irregular laminations and lenses of grey siltstone dip 0 deg. to 20 deg. (CORALLIAN) CG No recover, grey SAND (CORALLIAN) CG	19
											20

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)
								0.00	20.30	90	0						

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Well	Depth (m)	Type / FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description							
			TCR	SCR	RQD												
							20.15	42.35		No recover, grey SAND (CORALLIAN) CG Light grey fine to medium slightly weathered calcareous SANDSTONE very strong with frequent laminations and lenses of grey siltstone. (CORALLIAN) CG <div>End of Borehole at 20.30m</div>							
							20.30	42.20									
										21							
										22							
										23							
										24							
										25							
										26							
										27							
										28							
										29							
										30							
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)
								0.00	20.30	90	0						
Remarks																