## Percussion Drilling Log Client: Thames Water Date: Project Name: SESRO Location: Abingdon, Oxfordshire Contractor: Co-ords: E443012.50 N195881.00 Drilling Equipment: Project No.: 303568-00 Crew Name: Borehole Number Hole Type Level Logged By Scale Page Number 62.50m AoD BH01 CP+RC 1:50 Sheet 1 of 5 Sample and In Situ Testing Depth Level Well Legend Stratum Description (m) (m) Depth (m) Type Results Very stiff desiccated friable brown sandy very silty slightly organic CLAY with some fine to medium limestone gravel (Topsoil/subsoil) 0.30 62.20 Very stiff desiccated friable brown sandy very silty slightly organic CLAY with some fine to medium limestone gravel (Topsoil/subsoil) 0.80 61.70 Cream moderately weathered shelly colitic LIMESTONE 1.05 61.45 moderately strong with a little oolite sand (CORALLIAN) Continued on next page 2 3 4 5 6 8 9 Chiselling Hole Diameter Casing Diameter Inclination and Orientation Depth Base Depth Base Depth Top Depth Base Depth Top Depth Base Inclination Orientation Remarks

## Percussion Drilling Log Date: Project Name: SESRO Client: Thames Water Location: Abingdon, Oxfordshire Contractor: Co-ords: E443012.50 N195881.00 Project No.: 303568-00 Crew Name: Drilling Equipment: Borehole Number Hole Type Logged By Scale Page Number Level CP+RC 62.50m AoD BH01 1:50 Sheet 2 of 5 Sample and In Situ Testing Depth Level Well Stratum Description Legend (m) (m) Depth (m) Type Results Continued from previous page Yellow brown SAND 1.70 SPT N=\*\*\* (0/150) 2 3 3.50 59.00 Continued on next page 4 5 6 8 9 Chiselling se Duration Inclination and Orientation Hole Diameter Casing Diameter Depth Top Depth Base Inclination 0.00 20.30 90 Depth Base Depth Base Depth Top Depth Base Orientation Remarks

							Ro	otary	/ Core	Log				
Project	Name: SESF	RO				Client: Thames Water				Date:				
Locatio	n: Abingdon,	Oxfor	dshire			Contractor:				Co-ords: E443012.50 N195881.00				
Project	No. : 303568	3-00				Crew Na	ame:			Drilling Equipment:				
Borehole Number BH01			Hole Type CP+RC			Level 62.50m AoD		Logged By		Scale 1:50	l	Page Number Sheet 3 of 5		
Well	Depth (m)	Type / FI	Co TCR S	oring SCR RQD	Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend		Stratum Des	cription			
Hole Di	ameter Casi	ng Diame			Chises	3.70 4.80	58.80	Inclination	Light slightly silty (CORALLIAN) CG Light brown fine to (bivalve and coral closely spaced irrodeg, to 5 deg., tigl (CORALLIAN) CG below 4.25m: lugh absent Light brown orang medium calcareou laminations and le CG From 5.00m to 5.7 firm grey brown cl  From 7.00m to 8.2 brown and light brown and light brown and light brown and orientation	o medium modera ) oolitic LIMESTC egular rough iron ht and open to 5r  of grey slightly we ge brown in part s us SAND with ra enses of soft to fin  10m: with abunda ay  85m: with abunda o clay 25m: very thin to own layering	alcareous ately wear DNE with s stained on with s eathered, lightly silt re sub-ho m grey cl ant lamina ant lamina thin sub-h	SAND thered she very close liscontinuome san discontinuome san discontinuome san discontinuome san discontinuome san disconta discontinuome san discontinuom	sely to uities dip id infill.  casionally thin RALLIAN)  d lenses of lenses of lenses of lenses of lenses of lenses of lenses.	5
Depth Base	Diameter Depth B			epth Top D					se Inclination Orientation	Depth Top Depth Bas		g Flush Colour	Min (%)	Max (%)
Remar	KS												AG	S

## **Rotary Core Log** Date: Project Name: SESRO Client: Thames Water Location: Abingdon, Oxfordshire Contractor: Co-ords: E443012.50 N195881.00 Crew Name: Drilling Equipment: Project No.: 303568-00 Borehole Number Hole Type Level Logged By Scale Page Number BH01 CP+RC 62.50m AoD 1:50 Sheet 4 of 5 Diameter Recovery (SPT) Coring Depth Depth Level Well Legend Stratum Description (m) /FI (m) (m) 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) 11 12 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) 13 13.75 48.75 Light grey fine slightly weathered calcareous SANDSTONE very strong (CORALLIAN) 14 irregular rough discontinuity dip 30 deg. irregular tight discontinuities dip 20 deg. irregular sub-horizontal discontinuity open to 5mm 14.60 47 90 irregular tight discontinuities dip 20 deg No recovery, grey SAND (CORALLIAN) 15 16 from 16.25m to 16.3m: laminated light grey sandstone dip 10 16.40 46.10 deg from 16.3m to 16.35m: slightly silty fine sand from 16.35m to 16.4m: stiff grey brown laminated clay 16.85 45.65 Light grey fine slightly weathered calcareous SANDSTONE 17 very strong (CORALLIAN) CG from 16.45m to 16.65m: irregular rough tight discontinuities dip 10 deg. from 16.82m to 16.85m: firm grey fissured clay No recovery, grey SAND (CORALLIAN) 18 Below 18.25m: grey brown silty fine to medium calcerous SAND 18 70 43 80 From 18.65m to 18.7m: firm grey laminated clay Light grey fine to medium slightly weathered calcareous 18 95 43 55 19 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) 20 Casing Diameter Drilling Flush Hole Diameter Chiselling Inclination and Orientation se Diameter Depth Top Depth Base Duration Tool Depth Top Depth Base Inclination Orientation Depth Top Depth Base Min (%) Max (%) 0.00 20.30 90 Remarks



## **Rotary Core Log** Client: Thames Water Date: Project Name: SESRO Location: Abingdon, Oxfordshire Contractor: Co-ords: E443012.50 N195881.00 Drilling Equipment: Project No. : 303568-00 Crew Name: Borehole Number Hole Type Level Logged By Scale Page Number CP+RC 62.50m AoD BH01 1:50 Sheet 5 of 5 Diameter Recovery (SPT) Coring Depth Depth Level Well Legend Stratum Description (m) /FI (m) (m) TCR SCR RQD No recover, grey SAND (CORALLIAN) CG 20.15 42.35 20.30 42.20 Light grey fine to medium slightly weathered calcareous SANDSTONE very strong with frequent laminations and lenses of grey siltstone. (CORALLIAN) End of Borehole at 20.30m 21 22 23 24 25 26 27 28 29 30 Chiselling Drilling Flush Hole Diameter Casing Diameter Inclination and Orientation | Depth Top | Depth Base | Inclination | Orientation | Depth Top | Depth Base | 0.00 | 20.30 | 90 | 0 | se Diameter Depth Top Depth Base Duration Tool Min (%) Max (%) Remarks

AGS