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|  | | | |  | | | | 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 | | Legend | | |  | | Stratum Description | | | | | |  |
| Depth (m) | | Type | | Results | |  | (m) |  | | | | | | | |
|  |  | |  | |  | |  | | 62.20  61.70 61.45 | |  | | | Very stiff desiccated friable brown sandy very silty slightly organic CLAY with some fine to medium limestone gravel (Topsoil/subsoil) TS  Very stiff desiccated friable brown sandy very silty slightly organic CLAY with some fine to medium limestone gravel (Topsoil/subsoil) RTD  Cream moderately weathered shelly colitic LIMESTONE moderately strong with a little oolite sand (CORALLIAN)  CG | | | | | | | | 1  2  3  4  5  6  7  8  9  10 |
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|  | 0.80 |
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|  | 1.05 |
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|  | Hole Diameter | | |  | Casing Diameter | | |  | | | Chiselling | | | | |  | InclinaƟon and OrientaƟon | | | | | |
| 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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|  | | | |  | | | | 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 2 of 5 | | |
| Well |  | **Sample and In Situ Testing** | | | | |  | Depth (m) | Level | | Legend | | |  | | Stratum Description | | | | | |  |
| Depth (m) | | Type | | Results | |  | (m) |  | | | | | | | |
|  |  | | SPT | | N=\*\*\* (0/150) | |  | | 59.00 | |  | | |  | *Continued from previous page* | | | | | | | 1  2  3  4  5  6  7  8  9  10 |
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| Yellow brown SAND CG | | | | | | | |
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|  | 3.50 |  | | *Continued on next page* | | | | | |
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|  | Hole Diameter | | |  | Casing Diameter | | |  | | | Chiselling | | | | |  | InclinaƟon and OrientaƟon | | | | | |
| 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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|  | | | | |  | | | | | | | | Rotary Core 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 3 of 5 | | | |
| Well |  | Depth (m) | | Type  / FI | | **Coring** | | | |  | Depth (m) | | Level (m) | | Legend | |  | | Stratum Description | | | | | | |  |  |
| TCR | SCR | RQD | |  | | | | | | | | |
|  |  | | |  | |  |  |  | |  | 3.70  4.80 | | 58.80  57.70 | |  | |  | | *Continued from previous page* | | | | | | |  | 1  2  3  4  5  6  7  8  9  10 |
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| Light slightly silty fine to medium calcareous SAND (CORALLIAN)  CG  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  *below 4.25m: lught grey slightly weathered, discontinuities absent* | | | | | | | | |  |
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| 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  *From 5.00m to 5.10m: with abundant laminations and lenses of* *firm grey brown clay*  *From 6.75m to 6.85m: with abundant laminations and lenses*  *of firm grey brown clay*  *From 7.00m to 8.25m: very thin to thin sub-horizontal orange brown and light brown layering*  *From 8.65m to 8.75m: slightly clayey silty fine to coarse sand* | | | | | | | | |  |
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| Hole Diameter | | | Casing Diameter | | | |  | | | Chiselling | | | |  | InclinaƟon and OrientaƟon | | | |  | | | Drilling Flush | | | | | |
| Depth Base | | Diameter | Depth Base | | Diameter | | Depth Top | | Depth Base | | Duration | Tool | | Depth Top | | Depth Base | | Orientation | Depth Top | Depth Base | | Type | Colour | | Min (%) | Max (%) | |
|  | |  |  | |  | |  | |  | |  |  | | 0.00 | | 20.30 | | 0 |  |  | |  |  | |  |  | |
| Remarks | | | | | | | | | | | | | | | | | | | | | | | |  | | | |



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|  | | | | |  | | | | | | | | Rotary Core 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 4 of 5 | | | |
| Well |  | Depth (m) | | Type  / FI | | **Coring** | | | |  | Depth (m) | | Level (m) | | Legend | |  | | Stratum Description | | | | | | |  |  |
| TCR | SCR | RQD | |  | | | | | | | | |
|  |  | | |  | |  |  |  | |  | 12.57  13.75  14.60  16.40  16.85  18.70 18.95 | | 49.93  48.75  47.90  46.10  45.65  43.80 43.55 | |  | | 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  13  14  15  16  17  18  19  20 |
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| Light brown silty becoming slightly silty fine occasionally medium calcareous SAND with rare thin laminations and lenses of dark grey clay. (CORALLIAN)  CG | | | | | | | | |  |
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| Light grey fine slightly weathered calcareous SANDSTONE very strong (CORALLIAN)  CG  *irregular rough discontinuity dip 30 deg.*  *irregular tight discontinuities dip 20 deg.*  *irregular sub-horizontal discontinuity open to 5mm*  *irregular tight discontinuities dip 20 deg.* No recovery, grey SAND (CORALLIAN) CG  *from 16.25m to 16.3m: laminated light grey sandstone dip 10* *deg.*  *from 16.3m to 16.35m: slightly silty fine sand*  *from 16.35m to 16.4m: stiff grey brown laminated clay* | | | | | | | | |  |
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| Light grey fine slightly weathered calcareous SANDSTONE 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* | | | | | | | | |  |
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| No recovery, grey SAND (CORALLIAN) CG  *Below 18.25m: grey brown silty fine to medium calcerous SAND*  *From 18.65m to 18.7m: firm grey laminated clay* | | | | | | | | |  |
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| 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 | | | | | | | | |  |
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| Hole Diameter | | | Casing Diameter | | | |  | | | Chiselling | | | |  | InclinaƟon and OrientaƟon | | | |  | | | Drilling Flush | | | | | |
| Depth Base | | Diameter | Depth Base | | Diameter | | Depth Top | | Depth Base | | Duration | Tool | | Depth Top | | Depth Base | | Orientation | Depth Top | Depth Base | | Type | Colour | | Min (%) | Max (%) | |
|  | |  |  | |  | |  | |  | |  |  | | 0.00 | | 20.30 | | 0 |  |  | |  |  | |  |  | |
| Remarks | | | | | | | | | | | | | | | | | | | | | | | |  | | | |



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|  | | | | |  | | | | | | | | Rotary Core 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 5 of 5 | | | |
| Well |  | Depth (m) | | Type  / FI | | **Coring** | | | |  | Depth (m) | | Level (m) | | Legend | |  | | | Stratum Description | | | | | | |  |
| TCR | SCR | RQD | |  | | | | | | | | | |
|  |  | | |  | |  |  |  | |  | 20.15 20.30 | | 42.35 42.20 | |  | | 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 | | | | | | | | | | 21  22  23  24  25  26  27  28  29  30 |
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|  | | | End of Borehole at 20.30m | | | | | | |
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| Hole Diameter | | | Casing Diameter | | | |  | | | Chiselling | | | |  | InclinaƟon and OrientaƟon | | | | |  | | 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 | | | | | | | | | | | | | | | | | | | | | | | |  | | | |

