

Borehole Log

RX510A

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Project Name: A303 Amesbury to Berwick Down Project No: 731823


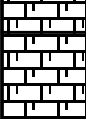
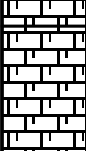
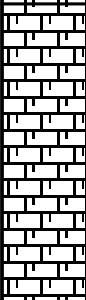
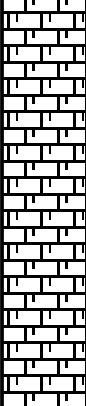
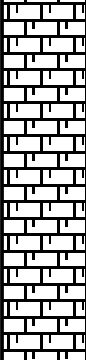
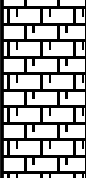
Borehole ID: RX510A

Location: A303 Co-ords (British National Grid): 413521.46 - 142781.89 Level: 109.22

Hole Type: RO Logged By: Dates: -

Client: Highways England Contractor: Structural Soils Ltd - (Head Office - Bristol) Project Engineer: ADingle

Plant Used: SPT Hammer Serial No:

| Well | Water | Samples | | Result | Depth (m) | Level (m) | Legend | Stratum Description | Depth m |
|------|-------|-----------|------|--------|-----------|-----------|--|---|---------|
| | | Depth (m) | Type | | | | | | |
| | | | | | 0.24 | 108.98 |  | Grass over firm brown slightly gravelly SILT Gravel is subangular to rounded fine to medium flint | |
| | | | | | 0.35 | 108.87 |  | | 0.5 |
| | | | | | 0.70 | 108.52 |  | | 1.0 |
| | | | | | 1.10 | 108.12 |  | Structureless CHALK composed of cream slightly gravelly sandy SILT with occasional gravel Gravel is very weak low density white Matrix is uncompact Occasional rinded flint gravel Locally light brown | 1.5 |
| | | | | | | |  | Structureless CHALK composed of slightly sandy silty subangular to subrounded mainly medium to coarse GRAVEL with occasional subrounded cobbles Gravel is very weak low density and white Cobbles are weak medium density and white | 2.0 |
| | | | | | | |  | Weak medium density white CHALK Fractures very closely spaced and generally infilled with with uncompact light brown sandy silt size comminuted chalk No discernible fracture sets | 2.5 |
| | | | | | | |  | White CHALK Borehole continued by open hole drilling techniques | 3.0 |
| | | | | | | | | | 3.5 |
| | | | | | | | | | 4.0 |
| | | | | | | | | | 4.5 |

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| Well | Water | Samples | | Result | Depth (m) | Level (m) | Legend | Stratum Description | Depth m |
|------|-------|-----------|------|--------|-----------|-----------|--------|---|---|
| | | Depth (m) | Type | | | | | | |
| | | | | | | | | White CHALK Borehole continued by open hole drilling techniques | 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 |

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| Well | Water | Samples | | Result | Depth (m) | Level (m) | Legend | Stratum Description | Depth m |
|------|-------|-----------|------|--------|-----------|-----------|--------|---|------------|
| | | Depth (m) | Type | | | | | | |
| | | | | | | | | White CHALK Borehole continued by open hole drilling techniques | 10.5 |
| | | | | | | | | | 11.0 |
| | | | | | | | | | 11.5 |
| | | | | | | | | | 12.0 |
| | | | | | | | | | 12.5 |
| | | | | | | | | | 13.0 |
| | | | | | | | | | 13.5 |
| | | | | | | | | | 14.0 |
| | | | | | | | | | 14.5 |

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| Well | Water | Samples | | Result | Depth (m) | Level (m) | Legend | Stratum Description | Depth m |
|------|-------|-----------|------|--------|-----------|-----------|--------|---|--|
| | | Depth (m) | Type | | | | | | |
| | | | | | | | | White CHALK Borehole continued by open hole drilling techniques | 15.5 16.0 16.5 17.0 17.5 18.0 18.5 19.0 19.5 |

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| Well | Water | Samples | | Result | Depth (m) | Level (m) | Legend | Stratum Description | Depth m |
|------|-------|-----------|------|--------|-----------|-----------|--------|---|--|
| | | Depth (m) | Type | | | | | | |
| | | | | | | | | White CHALK Borehole continued by open hole drilling techniques | <div style="text-align: right;"> 20.5 21.0 21.5 22.0 22.5 23.0 23.5 24.0 24.5 </div> |

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| Well | Water | Samples | | Result | Depth (m) | Level (m) | Legend | Stratum Description | Depth m |
|------|-------|-----------|------|--------|-----------|-----------|--------|---|------------|
| | | Depth (m) | Type | | | | | | |
| | | | | | | | | White CHALK Borehole continued by open hole drilling techniques | 25.5 |
| | | | | | | | | | 26.0 |
| | | | | | | | | | 26.5 |
| | | | | | | | | | 27.0 |
| | | | | | | | | | 27.5 |
| | | | | | | | | | 28.0 |
| | | | | | | | | | 28.5 |
| | | | | | | | | | 29.0 |
| | | | | | | | | | 29.5 |

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Plant Used: SPT Hammer Serial No:

| Well | Water | Samples | | Result | Depth (m) | Level (m) | Legend | Stratum Description | Depth m |
|------|-------|-----------|------|--------|-----------|-----------|--------|---|------------|
| | | Depth (m) | Type | | | | | | |
| | | | | | | | | White CHALK Borehole continued by open hole drilling techniques | 30.5 |
| | | | | | | | | | 31.0 |
| | | | | | | | | | 31.5 |
| | | | | | | | | | 32.0 |
| | | | | | | | | | 32.5 |
| | | | | | | | | | 33.0 |
| | | | | | | | | | 33.5 |
| | | | | | | | | | 34.0 |
| | | | | | | | | | 34.5 |

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|------|-------|-----------|------|--------|-----------|-----------|--------|---|------------|
| | | Depth (m) | Type | | | | | | |
| | | | | | | | | White CHALK Borehole continued by open hole drilling techniques | 35.5 |
| | | | | | | | | | 36.0 |
| | | | | | | | | | 36.5 |
| | | | | | | | | | 37.0 |
| | | | | | | | | | 37.5 |
| | | | | | | | | | 38.0 |
| | | | | | | | | | 38.5 |
| | | | | | | | | | 39.0 |
| | | | | | | | | | 39.5 |

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|------|-------|-----------|------|--------|-----------|-----------|--------|---|------------|
| | | Depth (m) | Type | | | | | | |
| | | | | | | | | White CHALK Borehole continued by open hole drilling techniques | 40.5 |
| | | | | | | | | | 41.0 |
| | | | | | | | | | 41.5 |
| | | | | | | | | | 42.0 |
| | | | | | | | | | 42.5 |
| | | | | | | | | | 43.0 |
| | | | | | | | | | 43.5 |
| | | | | | | | | | 44.0 |
| | | | | | | | | | 44.5 |

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|------|-------|-----------|------|--------|-----------|-----------|--------|---|------------|
| | | Depth (m) | Type | | | | | | |
| | | | | | | | | White CHALK Borehole continued by open hole drilling techniques | 45.5 |
| | | | | | | | | | 46.0 |
| | | | | | | | | | 46.5 |
| | | | | | | | | | 47.0 |
| | | | | | | | | | 47.5 |
| | | | | | | | | | 48.0 |
| | | | | | | | | | 48.5 |
| | | | | | | | | | 49.0 |
| | | | | | | | | | 49.5 |

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|------|-------|-----------|------|--------|-----------|-----------|--------|---|--|
| | | Depth (m) | Type | | | | | | |
| | | | | | 51.00 | 58.22 | | White CHALK Borehole continued by open hole drilling techniques | 50.5 51.0 51.5 52.0 52.5 53.0 53.5 54.0 54.5 |

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