

| <u>Depth (m)</u> | <u>Lithologic Description</u> |
|------------------|---|
| 0.00 - 1.00 | <u>Soil</u> : Dark brown, mainly fine sand-silt sized particles, 10% clay. |
| 1.00 - 3.00 | <u>Siltstone</u> : Light grey, sometimes slightly stained, iron weathered. Accessories minerals: slightly pyritic throughout, 12% mudstone. |
| 3.00 - 7.00 | <u>Siltstone</u> : Light grey, but not slightly stained as before, fresh, hard, well lithified. |
| 7.00 - 13.00 | <u>Sandstone and Siltstone</u> : Sandstone: light grey, fine-grained, well sorted, argillaceous matrix. Siltstone: light-grey, hard, well lithified with accessory minerals. Sandstone/Siltstone ratio = 50:50. |
| 13.00 - 17.00 | <u>Sandstone</u> : Light grey, fine grained, well sorted, argillaceous matrix, low porosity, 10% siltstone, accessory minerals: pyritic throughout. |
| 17.00 - 21.00 | <u>Sandstone</u> : Light grey, fine grained, well sorted, argillaceous matrix, low porosity. |
| 21.00 - 22.00 | <u>Sandstone and Siltstone</u> : Sandstone: light grey, fine grained, well sorted, argillaceous matrix, low porosity, pyritic throughout. Siltstone: light grey, hard, well lithified, argillaceous matrix, pyritic, chloritic throughout. Sandstone/Siltstone ratio = 40:60. |
| 22.00 - 26.00 | <u>Siltstone</u> : Light-grey, argillaceous matrix, brittle, well lithified, slightly chloritic, possible contamination in sample. |
| 26.00 - 27.00 | <u>Siltstone</u> : Light-grey, well lithified, slightly pyritic. |
| 27.00 - 30.00 | <u>Siltstone and Sandstone</u> : Siltstone: light-grey, flaggy at times: Sandstone: light-grey, fine grained, well sorted, argillaceous matrix, slightly pyritic throughout. Siltstone/Sandstone ratio = 60:40. |
| 30.00 - 35.00 | <u>Siltstone</u> : Light-grey, well lithified, argillaceous matrix, brittle. |
| 35.00 - 38.00 | <u>Siltstone and Sandstone</u> : Siltstone: light-grey, hard, well lithified, uniform appearance, pyritic throughout: Sandstone: light-grey, fine grained, well sorted, argillaceous matrix, pyritic throughout. Siltstone/Sandstone ratio = 70:30. |

Depth (m)Lithologic Description

38.00 - 46.00

Siltstone and Sandstone: Siltstone: light-grey, hard, well lithified, argillaceous matrix.
Sandstone: some large quartz fragments present (2mm) slightly pyritic throughout.
Siltstone/Sandstone ratio = 90:10.

46.00 - 52.00 T.D.

Siltstone and Sandstone: Siltstone: grey to light-grey, hard, well lithified, argillaceous matrix.
Sandstone: accessory minerals, pyritic throughout.
Siltstone/Sandstone ratio - 90:10.

52.00 T.D.