

<u>Depth (m)</u>	<u>Lithologic Description</u>
0.00 - 2.00	<u>Alluvium</u> : Red-brown-yellow, silty clayey soil, ferruginous throughout.
2.00 - 4.00	<u>Siltstone</u> : Light brown to red-brown, soft, moderately sorted, poorly cemented, argillaceous, minor mudstone interlamination, ferruginous throughout; with 30% clay particles.
4.00 - 8.00	<u>Siltstone</u> : Light grey, moderately sorted and cemented, dominantly argillaceous matrix, slightly ferruginous, 25% clay material particles.
8.00 - 15.00	<u>Siltstone</u> : Light grey, moderately sorted, poorly cemented, dominantly argillaceous matrix, minor mudstone intercalations; with 25% clay material particles.
15.00 - 24.00	<u>Siltstone</u> : Light grey to occasionally grey, moderately sorted and cemented, dominantly argillaceous matrix, carbonaceous-spotted in part, with minor mudstone intercalations: Light grey, moderately soft, predominantly argillaceous fabric; with 30% clay particles and 3% carbonaceous shale.
24.00 - 26.00	<u>Siltstone</u> : Light grey, occasionally grey, moderately sorted and cemented, dominantly argillaceous matrix, slightly feldspathic, carbonaceous spotted in part; with 25% clay particles.
26.00 - 29.00	<u>Siltstone</u> : Light grey, moderately spotted and cemented, carbonaceous spotted at random, dominantly argillaceous matrix, occasionally feldspathic; with 25% clay particles: Light grey, soft, sticky.
29.00 - 32.45	<u>Sandy Siltstone</u> : Light grey, moderately sorted and cemented, feldspathic in part; with 20% clay particles.
32.45 - 32.70	<u>Sandy Siltstone</u> : As above but with carbonaceous shale.
32.70 - 35.70	<u>Sandstone</u> : Light grey, fine grained, grading to coarse grained towards base of unit, moderately sorted, well cemented, dominantly feldspathic matrix, carbonaceous banding, micaceous and lithic in part.
35.70 - 39.67	<u>Sandstone</u> : Light grey, fine grained to occasionally medium grained, well sorted and cemented, dominantly feldspathic matrix, lithic in part, slightly micaceous, occasionally carbonaceous bands, hard.

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<u>Depth (m)</u>	<u>Lithologic Description</u>
39.67 - 39.78	<u>Coal</u> : Dmb.
39.78 - 40.67	<u>Mudstone</u> : Light grey, dark grey at top of unit, indurated in part, moderately soft, blocky, carbonaceous at top of unit; grading to siltstone in places.
40.67 - 41.19	<u>Sandy Siltstone</u> : Light grey to dark grey, moderately cemented, feldspathic matrix, slightly micaceous; with slump features.
41.19 - 41.73	<u>Core Loss</u>
41.73 - 44.26	<u>Mudstone</u> : Light grey to dark grey, moderately soft, blocky, indurated, minor siltstone intercalations increasing towards top of unit, slightly micaceous, minor carbonaceous bands to carbonaceous mudstone towards base of unit. with Siltstone: light grey, well sorted and cemented, feldspathic matrix.
44.26 - 44.73	<u>Core Loss</u>
44.73 - 47.53	<u>Mudstone</u> : Light grey to light green, moderately soft, splintery, occasionally sub-fissile, carbonaceous at top of unit, chloritic, slightly slickensided, occasionally grading to siltstone: Light grey to grey, moderately sorted and cemented, argillaceous matrix, slightly feldspathic.
47.53 - 47.73	<u>Core Loss</u>
47.73 - 48.40	<u>Siltstone</u> : Light grey, moderately soft, argillaceous matrix, feldspathic in part, occasionally carbonaceous, poorly sorted and cemented.
48.40 - 48.92	<u>Sandstone</u> : Medium-coarse grained, argillaceous matrix, feldspathic in part, occasionally carbonaceous wisps, chloritic and feldspathic in part.
48.92 - 49.62	<u>Mudstone</u> : Light grey, moderately soft, occasionally slickensided.
49.62 - 50.73	<u>Siltstone</u> : Light grey, moderately sorted and cemented, argillaceous matrix, slightly feldspathic, occasional calcite veinlets, carbonaceous at random; grading to sandy siltstone.
50.73 T.D.	