

<u>Depth (m)</u>	<u>Lithologic Description</u>
0.00 - 1.00	<u>Soil</u> : Red-brown to dark brown, sandy, loamy, slightly ferruginous with 5 to 20% clay material.
1.00 - 3.00	<u>Sandstone</u> : Red-brown to yellow, occasionally light grey, medium to occasionally coarse grained, moderately sorted, well cemented, feldspathic matrix, weathered.
3.00 - 5.95	<u>Sandstone</u> : Red-brown to yellow, medium grained, moderately sorted, well cemented, dominantly feldspathic matrix, slightly chloritic, micaceous in parts, occasional calcite veinlets.
5.95 - 6.00	<u>Core Loss</u>
6.00 - 8.76	<u>Sandstone</u> : Light grey, occasionally red-brown, medium to occasionally coarse grained, moderately sorted, well cemented, dominantly feldspathic matrix, lithic, chloritic in places; partly micaceous, with mudstone chips.
8.76 - 9.00	<u>Core Loss</u>
9.00 - 15.00	<u>Sandstone</u> : Light grey, medium to coarse grained, well sorted and cemented, sucrosic texture, dominantly feldspathic matrix, slightly micaceous.
15.00 - 20.63	<u>Sandstone</u> : As above; partly sucrosic texture.
20.63 - 21.11	<u>Sandstone</u> : Light grey, medium grained, well sorted and cemented, feldspathic, partly micaceous, slightly chloritic, lithic.
21.11 - 24.11	<u>Sandstone</u> : Light grey to grey, medium to coarse grained, moderately sorted, well cemented, feldspathic matrix, carbonaceous wisps throughout, chloritic, lithic in part, partly bioturbated.
24.11 - 27.15	<u>Sandstone</u> : Light grey, medium to coarse grained, partly sucrosic texture, well sorted and cemented, dominantly feldspathic matrix, slightly carbonaceous, lithic, chloritic, micaceous in places.
27.15 - 30.15	<u>Sandstone</u> : As above with increasing carbonaceous mudstone blebs, occasional calcite traces, chloritic, slightly pyritic.
30.15 - 33.21	<u>Sandstone</u> : Light grey to green, medium to coarse grained, well sorted and cemented, dominantly feldspathic matrix, chloritic, partly sucrosic texture, lithic, occasionally micaceous, slightly carbonaceous.

<u>Depth (m)</u>	<u>Lithologic Description</u>
33.21 - 36.21	<u>Sandstone</u> : Light grey to green, medium to coarse grained, well sorted and cemented, lithic, partly sucrosic texture, feldspathic, chloritic throughout, carbonaceous blebs in places.
36.21 - 39.26	<u>Sandstone</u> : Light grey to medium grained, well sorted and cemented, feldspathic matrix, chloritic throughout; slightly carbonaceous with carbonaceous mudstone lamellae towards base of unit.
39.26 - 39.46	<u>Sandstone</u> : As above, becoming carbonaceous towards base of unit; poorly sorted.
39.46 - 39.53	<u>Carbonaceous Mudstone</u> : Chloritic in places, pyritic; with lamellae of coal.
39.53 - 42.20	<u>Sandstone</u> : Light grey to green, coarse grained, moderately to well sorted, well cemented, feldspathic, chloritic throughout, lithic, carbonaceous wisps, sucrosic texture.
42.20 - 42.26	<u>Core Loss</u>
42.26 - 42.31	<u>Carbonaceous Mudstone</u> : Grading to inferior coal.
42.31 - 42.49	<u>Coal</u> : Dull with minor bright bands, and lamellae; calcite traces.
42.49 - 42.51	<u>Carbonaceous Mudstone</u>
42.51 - 42.98	<u>Coal</u> : Dull with minor bright bands and lamellae; calcite traces.
42.98 - 43.02	<u>Carbonaceous Mudstone</u>
43.02 - 43.32	<u>Coal</u> : Dull and bright bands, calcite veinlets.
43.32 - 43.33	<u>Carbonaceous Mudstone</u>
43.33 - 44.19	<u>Coal</u> : Dull with bright bands, minor carbonaceous blebs, calcitic.
44.19 - 45.19	<u>Mudstone</u> : Dark grey to the top of unit, grading to light grey, blocky, slightly indurated.
45.19 - 45.26	<u>Core Loss</u>
45.26 - 45.81	<u>Mudstone</u> : Light grey, blocky, moderately soft, carbonaceous wisp throughout, very carbonaceous at base of unit.
45.81 - 46.20	<u>Coal</u> : Db with minor Bd lamellae, calcitic, slightly pyritic.

<u>Depth (m)</u>	<u>Lithologic Description</u>
46.20 - 46.24	<u>Clod</u>
46.24 - 47.05	<u>Coal</u> : Db with minor Bd lamellae, calcitic, minor carbonaceous blebs.
47.05 - 47.11	<u>Mudstone</u> : As above
47.11 - 48.26	<u>Mudstone</u> : Light grey to dark grey, hard, blocky, indurated, slightly carbonaceous.
48.26 - 51.32	<u>Mudstone</u> : Light grey, occasionally grey, blocky in places, flakey, hard, indurated, occasional plant impressions, partly pelletoid, slightly carbonaceous.
51.32 - 52.36	<u>Mudstone</u> : Light grey, hard, blocky, indurated, slightly carbonaceous.
52.36 - 54.16	<u>Sandstone</u> : Light grey, fine to medium grained, well sorted and cemented, dominantly feldspathic matrix, slightly carbonaceous, lithic.
54.16 - 54.32	<u>Mudstone</u> : Light grey, hard, blocky, indurated.
54.32 - 58.01	<u>Sandstone</u> : Light grey, fine to medium grained, well sorted and cemented, dominantly feldspathic matrix, lithic, occasional carbonaceous bands, marcasite traces.
58.01 - 58.33	<u>Mudstone</u> : Light grey, hard, blocky, indurated.
58.33 - 60.37	<u>Sandstone</u> : Light grey, fine to medium grained, well sorted and cemented, dominantly feldspathic matrix, traces of marcasite, slightly carbonaceous.
60.37 - 63.33	<u>Sandstone</u> : Light grey, fine to medium grained, well sorted and cemented, dominantly feldspathic matrix, partly chloritic, lithic, slightly micaceous.
63.33 - 63.37	<u>Core Loss</u>
63.37 - 63.93	<u>Sandstone</u> : As above
63.93 - 63.98	<u>Carbonaceous Mudstone</u>
63.98 - 64.03	<u>Siltstone</u>
64.03 - 65.37	<u>Mudstone</u> : Light grey, hard, blocky, indurated, with plant impressions.
65.37 - 65.47	<u>Sandstone</u> : Fine grained, grading to sandy siltstone.

<u>Depth (m)</u>	<u>Lithologic Description</u>
65.47 - 65.75	<u>Mudstone</u> : Light grey, well sorted and cemented, dominantly feldspathic matrix; carbonaceous bands.
65.75 - 66.62	<u>Mudstone</u> : Light grey to dark grey, carbonaceous, indurated.
66.62 - 68.05	<u>Silty Sandstone</u> : Light grey, well sorted and cemented, dominantly feldspathic matrix, carbonaceous banding throughout, occasional slump features, bedding dip of 2°.
68.05 - 68.08	<u>Carbonaceous Mudstone</u>
68.08 - 68.40	<u>Coal</u> : Dull with minor bright bands.
68.40 - 68.45	<u>Carbonaceous Mudstone</u> : Light grey to dark grey.
68.45 - 68.47	<u>Coal</u> : Bright with minor dull bands.
68.47 - 68.57	<u>Carbonaceous Mudstone</u> : With Bd lamellae towards base of unit.
68.57 - 68.82	<u>Mudstone</u> : Carbonaceous towards top of unit.
68.82 - 69.02	<u>Sandstone</u> : Light grey, feldspathic.
69.02 - 69.37	<u>Mudstone</u> : Light grey, hard, blocky, indurated.
69.37 - 72.23	<u>Sandstone</u> : Light grey, medium to coarse grained, well sorted and cemented, feldspathic matrix, lithic, slightly micaceous.
72.23 - 75.35	<u>Sandstone</u> : Light grey, medium grained, well sorted and cemented, dominantly feldspathic matrix, micaceous throughout, lithic, chloritic in part, occasional carbonaceous blebs.
75.35 - 78.40	<u>Sandstone</u> : Light grey, medium grained, well sorted and cemented, dominantly feldspathic matrix, micaceous throughout, lithic, carbonaceous banding towards top unit; cross bedding features present.
78.40 - 81.40	<u>Sandstone</u> : Light grey, medium to coarse grained, well sorted and cemented, dominantly feldspathic matrix, lithic, slightly micaceous.
81.40 - 84.44	<u>Tuffaceous Sandstone</u> : Light grey, medium to coarse grained, sucrosic texture, dominantly feldspathic matrix, slightly chloritic, occasionally micaceous; with some carbonaceous mottling.
84.44	T.D.