

<u>Depth (metres)</u>	<u>Lithologic Descriptions</u>
0 - 1.00	<u>Soil</u> : Red-brown, yellow, ferruginous.
1.00 - 1.70	<u>Arkosic Sandstone</u> : Red-brown, yellow, medium grained, feldspathic matrix.
1.70 - 5.57	<u>Arkosic Sandstone</u> : Red-brown, yellow, medium grained, well sorted, well cemented, sucrosic texture, dominantly feldspathic matrix, slightly lithic and micaceous, weathered.
5.57 - 6.24	<u>Sandstone</u> : Light grey, medium grained, well sorted, well cemented, dominantly feldspathic matrix, slightly lithic, micaceous.
6.24 - 9.24	<u>Sandstone</u> : Light grey, red-brown towards base and top, medium grained, sometimes fine, sucrosic texture, dominantly feldspathic matrix, micaceous, slightly lithic, chloritic, carbonaceous; contains some winnowing features.
9.24 - 11.08	<u>Sandstone</u> : Red-brown at top, light grey at base, medium grained, moderately sorted, well cemented, dominantly feldspathic matrix, slightly lithic and chloritic; increasingly carbonaceous towards base; contains calcite veinlets.
11.08 - 11.35	<u>Coal</u> : Dull, inferior fissile; contains carbonaceous blebs; grading to shale in part.
11.35 - 11.51	<u>Mudstone</u> : Light grey, soft, subfissile;
11.51 - 12.19	<u>Siltstone</u> : Light to dark grey, well sorted, well cemented, feldspathic, carbonaceous; grading to fine grained sandstone.
12.19 - 15.24	<u>Mudstone</u> : Light to dark grey, soft, friable, carbonaceous.
15.24 - 15.35	<u>Siltstone</u> : Light grey, feldspathic; contains carbonaceous bands.
15.35 - 15.63	<u>Mudstone</u> : Light grey; indurated; contains carbonaceous bands.
15.63 - 18.28	<u>Sandstone</u> : Light grey, medium grained, well sorted, well cemented, sucrosic texture, dominantly feldspathic matrix, slightly lithic and micaceous; contains some carbonaceous bands.

Depth (metres)Lithologic Descriptions

18.28 - 21.30	<u>Sandstone</u> : Light grey, sometimes dark grey at top, fine grained at top to medium to coarse grained at base, well sorted, well cemented, sucrosic texture sometimes, dominantly feldspathic matrix, slightly lithic, micaceous and chloritic; contains carbonaceous bands at top and some winnowing features.
21.30 - 24.35	<u>Sandstone</u> : Light grey, sometimes dark grey, medium to coarse grained, sucrosic texture, dominantly feldspathic matrix, slightly lithic, micaceous and chloritic; contains winnowing features and some carbonaceous bands.
24.35 - 27.24	<u>Sandstone</u> : Light grey, medium grained, well sorted, well cemented, sucrosic texture, dominantly feldspathic matrix, slightly lithic and micaceous.
27.24 - 27.35	<u>Core Loss</u>
27.35 - 30.35	<u>Core Loss</u> : with 30% coal recovery
30.35 - 30.95	<u>Core Loss</u>
30.95 - 31.55	<u>Arkosic Sandstone</u> : Grey to dark grey, fine grained, medium towards base, well sorted, well cemented, dominantly feldspathic matrix, micaceous, carbonaceous, slightly lithic.
32.55 - 32.45	<u>Carbonaceous Mudstone</u> : Light grey to grey, moderately hard, blocky, indurated, micaceous.
32.45 - 32.75	<u>Coal</u> : Dark with minor bright bands; contains calcite veinlets.
32.75 - 33.19	<u>Mudstone</u> : Dark grey, moderately hard, brittle, carbonaceous, indurated, slickensided.
33.19 - 33.25	<u>Core Loss</u>
33.25 - 33.43	<u>Coal</u> : Inferior, dull; contains minor bright bands.
33.43 - 34.97	<u>Mudstone</u> : Light grey, blocky, indurated, slightly micaceous.
34.97 - 35.99	<u>Siltstone</u> : Light grey to grey, well sorted, well cemented, feldspathic, micaceous, slightly indurated contains carbonaceous banding.

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35.99 - 39.35	<u>Sandstone</u> : Light grey, to occasionally grey, fine grained at top, medium elsewhere, well sorted, well cemented, dominantly feldspathic matrix, lithic, slightly micaceous and chloritic; contains carbonaceous bands and winnowing features.
39.35 - 42.31	<u>Sandstone</u> : Light grey, medium to coarse grained, well sorted, well cemented, dominantly feldspathic matrix, lithic, slightly micaceous and chloritic; contains carbonaceous bands at top.
42.31 - 42.35	<u>Core Loss</u>
42.35 - 45.86	<u>Arkosic Sandstone</u> : Light grey, medium grained, well sorted, well cemented, dominantly feldspathic matrix, slightly micaceous,
45.86 - 45.88	<u>Carbonaceous Mudstone</u> : As above
45.88 - 46.04	<u>Dolerite</u> :
46.04 - 46.15	<u>Core Loss</u> (Probably dolerite)
46.15 T.D.	