

<u>Depth (metres)</u>	<u>Lithologic Descriptions</u>
0 - 2.25	<u>Soil</u> : Red-brown; slightly ferruginous
2.25 - 7.00	<u>Sandstone</u> : Red-brown, medium grained, well sorted, moderately cemented, dominantly feldspathic matrix, slightly ferruginous and micaceous; contains carbonaceous stringers towards base.
7.00 - 9.00	<u>Sandstone</u> : Light grey, medium grained to occasionally fine grained, well sorted, well cemented, dominantly feldspathic matrix, micaceous, slightly chloritic; contains minor inferior coal stringers and calcite veinlets.
9.00 - 11.83	<u>Sandstone</u> : Light grey, medium to coarse grained, well sorted, well cemented, sucrosic texture, dominantly feldspathic matrix; fair porosity, slightly micaceous and chloritic; ; contains carbonaceous wisps; inferior coal inclusions increase towards the base.
11.83 - 12.00	<u>Core Loss</u>
12.00 - 14.88	<u>Sandstone</u> : As above; but with minor coal inclusion in the interval 12.98 - 13.05m.
14.88 - 15.00	<u>Core Loss</u>
15.00 - 17.90	<u>Sandstone</u> : As above
17.90 - 18.00	<u>Core Loss</u>
18.00 - 20.43	<u>Sandstone</u> : As above; but medium grained and no coal or carbonaceous inclusions.
20.43 - 20.53	<u>Carbonaceous Mudstone</u> : Indurated, pyritic.
20.53 - 21.03	<u>Sandstone</u> : Light grey, medium grained, well sorted, well cemented, sucrosic texture, feldspathic, slightly micaceous and chloritic; contains carbonaceous bands towards base.
21.03 - 24.03	<u>Sandstone</u> : Light grey, medium grained, well sorted, moderately cemented, dominantly feldspathic matrix, slightly chloritic and micaceous.

<u>Depth (metres)</u>	<u>Lithologic Descriptions</u>
24.03 - 27.03	<u>Sandstone</u> : Light grey, medium grained at top, fine to medium grained at base, moderately sorted, well cemented, dominantly feldspathic matrix, chloritic, slightly pyritic; contains carbonaceous stringers towards the top.
27.03 - 30.03	<u>Sandstone</u> : Light grey, medium grained, well sorted, moderately cemented, dominantly feldspathic matrix, slightly chloritic and pyritic.
30.03 - 31.69	<u>Sandstone</u> : Light grey, medium grained, well sorted, well cemented, dominantly feldspathic matrix, slightly chloritic; contains minor inferior coal stringers and calcite traces.
31.69 - 31.79	<u>Mudstone</u> : Dark grey, slightly carbonaceous.
31.79 - 31.98	<u>Sandstone</u> : Feldspathic matrix.
31.98 - 32.22	<u>Mudstone</u> : Grading to siltstone.
32.22 - 32.50	<u>Siltstone</u> : Argillaceous, slightly micaceous; contains some carbonaceous blebs.
32.50 - 32.81	<u>Mudstone</u> : Grading to siltstone in places.
32.80 - 33.02	<u>Sandstone</u> : Feldspathic matrix, slightly argillaceous and carbonaceous
33.02 - 35.95	<u>Sandstone</u> : Light grey, medium grained, well sorted, well cemented, sucrosic texture, dominantly feldspathic matrix, slightly chloritic, pyritic along fracture zones; contains some carbonaceous blebs.
35.95 - 36.03	<u>Core Loss</u>
36.03 - 37.28	<u>Sandstone</u> : Light grey, medium grained, well sorted, well cemented, sucrosic texture, feldspathic matrix; slightly chloritic; contains some carbonaceous blebs.
37.28 - 37.33	<u>Coal</u> : Dull, inferior; contains some carbonaceous blebs.
37.33 - 37.36	<u>Mudstone</u> : Slightly carbonaceous.
37.36 - 37.52	<u>Coal</u> : Dull with minor bright bands; grading to inferior coal in part,
37.52 - 37.60	<u>Mudstone</u> : Carbonaceous.

<u>Depth (metres)</u>	<u>Lithologic Descriptions</u>
37.60 - 37.84	<u>Carbonaceous Mudstone</u> : Grading to carbonaceous shale.
37.84 - 37.96	<u>Coal</u> : Dull with minor bright bands, contains carbonaceous blebs.
37.96 - 38.14	<u>Carbonaceous Mudstone</u> : Grading to inferior coal in part.
38.14 - 38.35	<u>Coal</u> : Dull with minor bright bands; contains some calcite veinlets.
38.35 - 38.47	<u>Mudstone</u> : Slickensided in part.
38.47 - 38.85	<u>Coal</u> : Dull with minor bright bands; grading to inferior coal in part.
38.85 - 39.03	<u>Core Loss</u> : Probably coal
39.03 - 39.11	<u>Carbonaceous Mudstone</u> : Grading to inferior coal in part.
39.11 - 39.34	<u>Coal</u> : Inferior; contains some bright bands
39.34 - 39.52	<u>Mudstone</u> : Carbonaceous.
39.52 - 39.72	<u>Coal</u> : Dull with minor bright bands.
39.72 - 39.86	<u>Mudstone</u> : Carbonaceous; with some inferior coal lamellae
39.86 - 40.47	<u>Coal</u> : Dull with minor bright bands.
40.47 - 41.39	<u>Mudstone</u> : Dark grey, sometimes black; carbonaceous, some carbonaceous bands; grading to siltstone in part.
41.39 - 41.86	<u>Mudstone</u> : Contains some carbonaceous wisps.
41.86 - 42.02	<u>Core Loss</u>
42.02 - 43.86	<u>Mudstone</u> : Grading to <u>Siltstone</u> <u>Mudstone</u> : Light grey, grey, soft, blocky. <u>Siltstone</u> : Light grey, grey, moderately sorted, well cemented; feldspathic, slightly micaceous, some carbonaceous banding; with some winnowing features.
43.86 - 44.54	<u>Sandstone</u> : Light grey, fine to medium grained, well sorted, well cemented, feldspathic matrix, slightly micaceous; contains carbonaceous wisps and blebs.

Depth (metres)Lithologic Descriptions

44.54 - 44.81

Sandstone: Light grey, medium grained, well sorted, well cemented, feldspathic matrix; slightly micaceous.

44.81 - 45.02

Core Loss

45.02 - 45.72

Arkosic Sandstone: Light grey, medium grained, well sorted, well cemented, sucrosic texture, dominantly feldspathic matrix, slightly micaceous

45.72 - 47.92

Sandstone: Light grey, grey, fine to medium grained, well sorted, well cemented, feldspathic matrix, slightly lithic and micaceous; contains carbonaceous bands, occasionally cross-bedded, dip approximately 3°; grading to sandy siltstone in part.

47.92 - 48.02

Arkosic Sandstone: Light grey, medium to coarse grained, well sorted, well cemented, feldspathic matrix, slightly lithic, micaceous and kaolinitic.

48.02 T.D.