

| <u>Depth (metres)</u> | <u>Lithologic Descriptions</u> |
|-----------------------|---|
| 0 - 2.00 | <u>Alluvium</u> : red-brown; slightly ferruginous. |
| 2.00 - 3.20 | <u>Sandstone</u> : red-brown, dominantly argillaceous matrix; slightly ferruginous. |
| 3.20 - 3.64 | <u>Carbonaceous Claystone</u> : black, soft, sub-fissile; very carbonaceous; grading to carbonaceous shale in part. |
| 3.64 - 5.85 | <u>Carbonaceous Mudstone</u> : dark grey, soft: traces of inferior coal increasing towards base of unit, grading to carbonaceous shale in part. |
| 5.85 - 6.88 | <u>Coal</u> : inferior, dull to bright, friable; minor calcite veining. |
| 6.88 - 7.55 | <u>Sandstone</u> : light grey, fine grained, moderately sorted and cemented, argillaceous matrix, carbonaceous; grading to sandy siltstone in part. |
| 7.55 - 8.85 | <u>Core Loss</u> |
| 8.85 - 9.10 | <u>Sandy Siltstone</u> |
| 9.10 - 10.30 | <u>Mudstone</u> : dark grey, blocky, moderately sorted; argillaceous, slightly indurated, carbonaceous. |
| 10.30 - 11.75 | <u>Sandstone</u> : light to dark grey, fine to medium grained, moderately cemented, dominantly feldspathic matrix. |
| 11.75 - 11.85 | <u>Core Loss</u> |
| 11.85 - 14.75 | <u>Sandstone</u> : light to dark grey, medium grained, moderately sorted and cemented, sucrosic texture, carbonaceous, slightly micaceous; with carbonaceous blebs. |
| 14.75 - 14.85 | <u>Core Loss</u> |
| 14.85 - 17.75 | <u>Sandstone</u> : as above; but with carbonaceous bands |
| 17.75 - 17.85 | <u>Core Loss</u> |
| 17.85 - 20.67 | <u>Sandstone</u> : light grey, medium to coarse grained, moderately sorted, well cemented, sucrosic texture, dominantly feldspathic matrix, kaolinitic, micaceous and chloritic in part; contains carbonaceous blebs. |

Depth (metres)Lithologic Descriptions

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|---------------|---|
| 20.67 - 20.85 | <u>Core Loss</u> |
| 20.85 - 24.02 | <u>Sandstone</u> : As above |
| 24.02 - 27.52 | <u>Sandstone</u> : As above; but with calcite traces. |
| 27.52 - 28.42 | <u>Carbonaceous Mudstone</u> : Dark grey to black, blocky, indurated, very carbonaceous, slickensided, slightly argillaceous; with inferior coal lamellae. |
| 28.42 - 28.52 | <u>Sandstone</u> : As above. |
| 28.52 - 30.02 | <u>Mudstone</u> : Light to dark grey, splintery, very carbonaceous, carbonaceous wisps and bands, slightly indurated; contains plant remains, bioturbated in part; interlaminated with fine grained sandstone towards base of unit. |
| 30.02 - 33.02 | <u>Mudstone</u> : As above; but no sandstone present. |
| 33.02 - 33.57 | <u>Carbonaceous Mudstone</u> : Dark grey to black, friable; very carbonaceous, indurated, minor calcite veinlets; grading to inferior coal. |
| 33.57 - 36.24 | <u>Core Loss</u> (probably coal) |
| 36.24 - 36.42 | <u>Carbonaceous Mudstone</u> : Dark grey to black; interbedded with and grading to inferior coal. |
| 36.42 - 37.02 | <u>Coal</u> : Dull, earthy, inferior; contains carbonaceous mudstone bands. |
| 37.02 - 37.93 | <u>Mudstone</u> : Light to dark grey, fine grained, blocky, well sorted and cemented, indurated, carbonaceous; contains minor sandstone laminae. contains minor sandstone laminae. |
| 37.93 - 39.19 | <u>Sandstone</u> : Light grey, fine grained at top to coarse grained at base, moderately sorted, sucrosic texture, well cemented, dominantly feldspathic matrix, argillaceous and micaceous in part; carbonaceous banding in part. |
| 39.19 - 39.42 | <u>Core Loss</u> |
| 39.42 - 42.47 | <u>Sandstone</u> : Light grey, medium grained, sucrosic texture, well sorted and cemented, dominantly feldspathic matrix, lithic, micaceous in part. |
| 42.47 - 45.49 | <u>Sandstone</u> : As above but becoming fine grained at base; contains carbonaceous bands. |

Depth (metres)Lithologic Descriptions

45.49 - 48.47

Sandstone: As above but fine grained at top to coarse grained at base.

48.47 - 51.51

Arkosic Sandstone: Light grey, sometimes dark grey, medium to coarse grained, moderately sorted, well cemented, dominantly feldspathic matrix, lithic, chloritic; contains some carbonaceous bands and blebs.

51.15 - 54.59

Arkosic Sandstone: Light grey, medium to coarse grained, well sorted and cemented, sucrosic texture, dominantly feldspathic matrix, chloritic, slightly lithic; contains carbonaceous blebs.

54.59 T.D.