

<u>Depth (m)</u>	<u>Lithologic Description</u>
0.00 - 5.00	<u>Alluvium/Colluvium</u> : red-brown silty loamy soil, argillaceous matrix, ubiquitous dolerite debris.
5.00 - 5.10	<u>Carbonaceous Shale</u> : with minor intercalations of inferior coal; dull; and carbonaceous blebs throughout.
5.10 - 5.20	<u>Carbonaceous Mudstone</u> : grading to inferior coal: friable.
5.20 - 5.90	<u>Core Loss</u> : possibly coal.
5.90 - 8.90	<u>Sandy Siltstone</u> : light grey, moderately sorted, poorly cemented, argillaceous matrix, micaceous, minor carbonaceous lamellae bands, grading in places to mudstone: light grey, moderately soft.
8.90 - 9.65	<u>Inferior Coal</u> : grading to coal: dull with minor bright bands.
9.65 - 10.85	<u>Core Loss</u> : presumably coal
10.85 - 11.90	<u>Mudstone</u> : light grey, soft, blocky, micaceous and carbonaceous in part.
11.90 - 14.90	<u>Mudstone</u> : light grey, moderately soft, blocky. abundant carbonaceous wisps, plant vestiges along bedding planes; becoming silty in places.
14.90 - 17.90	<u>Sandstone</u> : light grey, dark grey, off white, fine-medium grained, coarse at base of unit, moderately sorted and cemented, dominantly argillaceous matrix, slightly feldspathic, carbonaceous banding; with minor mudstone intercalations: light grey, blocky, soft.
17.90 - 20.10	<u>Sandstone</u> : light grey to off white, brown towards the base of unit, medium-coarse grained, well sorted, moderately cemented, carbonaceous mottling, dominantly feldspathic matrix.
20.10 - 20.90	<u>Arkosic Sandstone</u> : dark brown, medium-coarse grained, moderately sorted and cemented, sucrosic texture, dominantly feldspathic matrix, carbonaceous spotted, partly lithic.
20.90 - 24.00	<u>Arkosic Sandstone</u> : dark grey brown, medium-coarse grained, subrounded, to rounded, moderately sorted, well cemented, dominantly feldspathic matrix, micaceous, sucrosic texture, minor calcite veinlets.
24.00 - 27.90	<u>Arkosic Sandstone</u> : yellow-brown, medium-coarse grained, moderately sorted; pebbly in places, well cemented, sucrosic texture, fair porosity, dominantly feldspathic matrix, micaceous, slightly kaolinitic.

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27.90 - 30.02	<u>Sandstone</u> : light grey, fine-medium grained, moderately sorted, well cemented, feldspathic matrix, partly lithic, micaceous.
30.02 - 31.40	<u>Sandstone</u> : As above with carbonaceous stringers in places, bioturbated.
31.40 - 31.77	<u>Mudstone</u> : dark grey, blocky, firm, indurated matrix, carbonaceous, bedding dip of 4°, bioturbated in places.
31.77 - 36.05	<u>Sandstone</u> : fine-medium grained, well sorted and well cemented, partly lithic, dominantly feldspathic matrix.
36.05 - 39.13	<u>Arkosic Sandstone</u> : yellow-brown, fine-medium grained, moderately sorted, well cemented, feldspathic matrix, partly lithic, carbonaceous wisps, fair porosity; with lamellae of coal: dull with minor bright bands towards base of unit.
39.13 - 44.90	<u>Sandstone</u> : light grey, medium-coarse grained, occasional carbonaceous wisps.
44.90 - 45.13	<u>Sandstone</u> : light grey to off white, fine grained moderately sorted, well cemented, partly lithic, slightly argillaceous, occasionally feldspathic.
45.13 - 47.36	<u>Sandstone</u> : light grey to off white, fine grained to occasionally medium grained, well sorted and cemented, feldspathic matrix, lithic, slightly micaceous, arkosic in places.
47.36 - 48.13	<u>Mudstone</u> : light grey to dark grey, carbonaceous bands throughout, indurated, hard, blocky, with minor sandstone lamellae.
48.13 - 49.86	<u>Mudstone</u> : As above: slightly carbonaceous.
49.86 - 50.15	<u>Mudstone</u> : As above, carbonaceous wisps throughout, bioturbated.
50.15 - 50.18	<u>Mudstone</u> : Carbonaceous; blebs; grading to inferior coal: dull.
50.18 - 50.51	<u>Mudstone</u> : light to dark grey, hard, blocky, indurated, carbonaceous towards top of unit; bioturbated in places.
50.51 - 51.41	<u>Sandstone</u> : light grey to dark grey, fine grained, moderately sorted, well cemented, feldspathic matrix, micaceous, carbonaceous banding towards base of unit.

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51.41 - 51.57	<u>Mudstone</u> : light grey, blocky, hard, dominantly indurated.
51.57 - 52.47	<u>Sandstone</u> : light grey, moderately sorted, fine grained, feldspathic matrix, carbonaceous wisps.
52.47 - 52.60	<u>Mudstone</u> : light grey to dark grey, pelletoid, hard, indurated and carbonaceous.
52.60 - 52.87	<u>Coal</u> : bright with minor dull bands.
52.87 - 53.66	<u>Mudstone</u> : As above; slightly bioturbated.
53.66 - 56.78	<u>Sandstone</u> : light grey to dark grey, occasionally off white, medium grained, grading to fine grained at base of unit, moderately sorted and cemented, feldspathic matrix, carbonaceous wisps throughout, bioturbated, minor coal lamellae, calcite veinlets at random; becoming highly carbonaceous towards base of unit.
56.78 - 57.13	<u>Mudstone</u> : light grey to dark grey, blocky, moderately hard, indurated.
57.13 - 58.18	<u>Mudstone</u> : As above; bioturbated, carbonaceous banding throughout.
58.18 - 60.13	<u>Arkosic Sandstone</u> : yellow-brown, coarse grained, moderately sorted, well cemented, sucrosic texture, feldspathic matrix, carbonaceous blebs throughout, slightly argillaceous, calcite veinlets in places.
60.13 - 63.23	<u>Sandstone</u> : light grey to yellow-brown, coarse grained to occasionally very coarse grained, moderately sorted and cemented, feldspathic matrix, fair porosity, slightly micaceous, partly kaolinitic chloritic in part, minor carbonaceous blebs throughout; with minor lamellae of mudstone.
63.23 - 68.12	<u>Sandstone</u> : light grey to off white, medium-coarse grained, well sorted and cemented, feldspathic matrix, slightly lithic, with carbonaceous blebs throughout and carbonaceous bands towards base of unit.
68.12 - 68.18	<u>Mudstone</u> : red-brown, ferruginous, indurated; with carbonaceous wisps.
68.18 - 69.38	<u>Arkosic Sandstone</u> : yellow-brown, well sorted and cemented, medium-coarse grained, feldspathic matrix, partly ferruginous; with calcite veinlets near base of unit.

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69.38 - 72.40	<u>Arkosic Sandstone</u> : As above; moderately sorted, sucrosic texture, fair porosity, sporadic carbonaceous blebs.
72.40 - 75.02	<u>Arkosic Sandstone</u> : As above; fine to medium grained, chloritic in part, slightly micaceous.
75.02 - 75.42	<u>Sandstone</u> : light grey, fine-medium grained, well sorted and cemented, feldspathic matrix, carbonaceous blebs, chloritic in part, slightly micaceous.
75.42 - 78.09	<u>Arkosic Sandstone</u> : light grey, occasionally dark grey towards base of unit, predominantly feldspathic matrix, slightly chloritic, kaolinitic in part; with minor lamellae of coal towards base of unit.
78.09 T.D.	