

<u>Depth (m)</u>	<u>Lithologic Description</u>
0.00 - 1.00	<u>Soil</u> : Dark brown, silty, loamy; grading to sandstone towards base of unit: red-brown, yellow, feldspathic matrix.
1.00 - 7.00	<u>Sandstone</u> : Red-brown to occasionally yellow, moderately sorted and cemented, fine grained, dominantly feldspathic matrix, partly argillaceous; with 20% clay: red-brown, soft, sticky, ferruginous.
7.00 - 12.84	<u>Sandstone</u> : Red-brown to occasionally yellow, moderately sorted and cemented, fine grained, dominantly feldspathic matrix, argillaceous in part; with ferruginous gravel material and minor chert fragments.
12.84 - 13.28	<u>Core Loss</u>
13.28 - 14.84	<u>Sandstone</u> : Light grey, red-brown at top of unit, coarse grained, sucrosic texture, well sorted and cemented, sub-rounded to rounded, dominantly feldspathic matrix, micaceous throughout, chloritic in places, good visual porosity.
14.84 - 18.33	<u>Sandstone</u> : As above; light grey, medium to coarse grained, sub-angular, soft.
18.33 - 21.26	<u>Sandstone</u> : Light grey, coarse grained, moderately sorted and cemented, sucrosic texture, dominantly feldspathic matrix, micaceous throughout, chloritic in part, occasional mudstone chips, carbonaceous wisps at random, good visual porosity.
21.26 - 21.32	<u>Core Loss</u>
21.32 - 23.05	<u>Sandstone</u> : Light grey, coarse grained, moderately sorted, poorly cemented, sucrosic texture, dominantly feldspathic matrix, micaceous throughout, chloritic in part, carbonaceous wisps at random, good visual porosity.
23.05 - 23.11	<u>Mudstone</u> : Brown to dark, carbonaceous, slickensided.
23.11 - 24.11	<u>Sandstone</u> : Light grey, coarse grained, moderately sorted and cemented, feldspathic matrix, micaceous throughout, chloritic in places, occasional carbonaceous stringers, good visual porosity.
24.11 - 24.32	<u>Core Loss</u>
24.32 - 25.19	<u>Sandstone</u> : Light grey, fine grained, well sorted, moderately cemented, dominantly feldspathic matrix, micaceous in places.

<u>Depth (m)</u>	<u>Lithologic Description</u>
25.19 - 26.02	<u>Sandstone</u> : Light grey, medium grained, well sorted, poorly cemented, soft, sucrosic texture, feldspathic matrix, slightly micaceous, good visual porosity.
26.02 - 26.10	
26.10 - 26.48	<u>Sandstone</u> : Light grey, medium grained, feldspathic matrix.
26.48 - 26.62	<u>Carbonaceous Mudstone</u> : Dark grey, waxy, indurated in part.
26.62 - 27.02	<u>Coal</u> : Dmb, friable, badly broken.
27.02 - 27.05	<u>Clod</u>
27.05 - 28.61	<u>Core Loss</u>
28.61 - 30.06	<u>Sandstone</u> : Light grey, fine grained to occasionally medium grained, moderately sorted and cemented.
30.06 - 30.11	<u>Core Loss</u>
30.11 - 33.13	<u>Sandstone</u> : Light grey, medium grained, well sorted, moderately cemented, dominantly feldspathic matrix, chloritic; with minor intercalations of mudstone: indurated, chloritic; carbonaceous in places.
33.13 - 35.90	<u>Sandstone</u> : Light grey, medium to coarse grained, moderately sorted and cemented, sucrosic texture, feldspathic matrix, chloritic, slightly micaceous occasional carbonaceous blebs.
35.90 - 36.13	<u>Core Loss</u>
36.13 - 39.03	<u>Sandstone</u> : Light grey, medium to coarse grained, well sorted, moderately cemented, dominantly feldspathic matrix, chloritic, carbonaceous spotted in places, slightly micaceous.
39.03 - 39.13	<u>Core Loss</u>
39.13 - 42.07	<u>Sandstone</u> : Light grey, medium-coarse grained, moderately sorted and cemented, dominantly feldspathic matrix, slightly chloritic, micaceous in part.
42.07 - 42.13	<u>Core Loss</u>
42.13 - 42.72	<u>Sandstone</u> : Light grey, fine-medium grained, well sorted, moderately cemented, dominantly feldspathic matrix, slightly micaceous.

<u>Depth (m)</u>	<u>Lithologic Description</u>
42.72 - 42.86	<u>Carbonaceous Shale</u>
42.86 - 44.11	<u>Mudstone</u> : Light grey, dark grey in places, blocky, indurated, carbonaceous in places; with interlamination of fine grained sandstone; feldspathic.
44.11 - 45.13	<u>Core Loss</u> : Possibly coal.
45.13 - 47.37	<u>Silty Sandstone</u> : Light grey, well sorted, moderately cemented, dominantly feldspathic matrix, slightly argillaceous, carbonaceous banding, slightly micaceous, with intercalations of mudstone: Light grey to occasionally dark grey, blocky, moderately soft, indurated in part, slump features, carbonaceous blebs throughout.
47.37 - 47.41	<u>Sandstone</u> : Light grey, feldspathic matrix.
47.41 - 48.13	<u>Core Loss</u> : Presumably coal,
48.13 - 51.16	<u>Sandstone</u> : Light grey, medium grained to occasionally coarse grained, well sorted and cemented, dominantly feldspathic matrix, slightly micaceous, chloritic at random, carbonaceous wisps towards base of unit.
51.16 - 51.44	<u>Sandstone</u> : Light grey, fine grained, dominantly feldspathic matrix, slightly micaceous.
51.44 - 54.21	<u>Sandstone</u> : Light grey, coarse grained, well sorted and cemented, sucrosic texture, dominantly feldspathic matrix, micaceous at times, chloritic in part, lithic, hard.
54.21 - 58.56	<u>Sandstone</u> : Light grey, coarse grained, well sorted and cemented, moderately soft, sucrosic texture, dominantly feldspathic matrix, slightly chloritic, micaceous throughout, occasional carbonaceous stringers.
58.56 - 60.26	<u>Sandstone</u> : Light grey, fine-medium grained, well sorted and cemented, dominantly feldspathic matrix, slightly micaceous, chloritic at random, lithic.
60.26 - 62.92	<u>Sandstone</u> : Light grey, fine-medium grained, well sorted, well cemented, sucrosic texture in part, dominantly feldspathic matrix.
62.92 - 62.96	<u>Mudstone</u> : Light grey, carbonaceous, slickensided.
62.96 - 63.37	<u>Sandstone</u> : Light grey, medium-coarse grained, well sorted and cemented, feldspathic matrix.
63.37 - 63.81	<u>Sandstone</u> : Light grey, poorly sorted, well cemented, with increasing mudstone chips, feldspathic matrix, chloritic, carbonaceous wisps throughout.

<u>Depth (m)</u>	<u>Lithologic Description</u>
63.81 - 65.11	<u>Mudstone</u> : Light grey, moderately hard, blocky, indurated, slightly carbonaceous, minor sandstone inclusions, feldspathic, minor coal stringers, chloritic in part.
65.11 - 65.23	<u>Sandstone</u> : Light grey, poorly sorted, well cemented, dominantly feldspathic matrix, mudstone chips.
65.23 - 65.25	<u>Coal</u>
65.25 - 65.97	<u>Mudstone</u> : With sandstone inclusions.
65.97 - 68.17	<u>Mudstone</u> : Light grey to dark grey, blocky, indurated, slightly carbonaceous, sandstone inclusions.
68.17 - 68.98	<u>Sandstone</u> : Light grey to green, medium grained, well sorted and cemented, dominantly feldspathic matrix.
68.98 - 70.60	<u>Sandstone</u> : Light grey to green, well sorted and cemented, fine to medium grained, coarse grained towards base of unit, feldspathic, chloritic, lithic, slightly micaceous.
70.60 - 72.01	<u>Sandstone</u> : Light grey, medium-coarse grained, well sorted and cemented, sucrosic texture in part, dominantly feldspathic matrix, lithic in part, slightly micaceous, chloritic, carbonaceous wisps in places.
72.01 - 75.11	<u>Sandstone</u> : Light grey, medium to coarse grained, well sorted and cemented, sucrosic texture in part, dominantly feldspathic matrix, lithic in part, slightly chloritic, micaceous in places.
75.11 - 78.16	<u>Sandstone</u> : Light grey, medium grained-to occasionally coarse grained, well sorted and cemented, slightly sucrosic texture, feldspathic matrix, lithic in part, slightly chloritic, micaceous in places, occasional carbonaceous blebs.
78.16 - 81.16	<u>Sandstone</u> : Light grey, medium to coarse grained, well sorted and cemented, chloritic, dominantly feldspathic matrix, sucrosic texture in part, slightly micaceous, lithic in part.
81.16 - 83.76	<u>Sandstone</u> : Light grey, coarse towards top of unit, grading to medium grained, well sorted and cemented, dominantly feldspathic matrix, sucrosic texture in part, chloritic, slightly micaceous, lithic.
83.76 - 83.84	<u>Sandstone</u> : Dark grey, feldspathic matrix, carbonaceous throughout.

<u>Depth (m)</u>	<u>Lithologic Description</u>
83.84 - 83.92	<u>Carbonaceous Mudstone</u> : Indurated, slightly slickensided.
83.92 - 85.93	<u>Mudstone</u> : Light grey to dark grey, hard, blocky, indurated, carbonaceous throughout.
85.93 - 86.59	<u>Carbonaceous Mudstone</u> : Dark grey, blocky, hard, indurated, slightly slickensided, occasional calcite veinlets.
86.59 - 86.66	<u>Mudstone</u> : Carbonaceous, dark grey, partly waxy, indurated.
86.66 - 86.76	<u>Core Loss</u> : Mudstone
86.76 - 87.02	<u>Sandstone</u> : Dark grey, fine grained, well sorted and cemented, feldspathic matrix, carbonaceous throughout.
87.02 - 88.13	<u>Mudstone</u> : Light grey to dark grey, hard, blocky, indurated, carbonaceous in places, slightly micaceous.
88.13 - 89.72	<u>Sandstone</u> : Light grey, fine grained at top of unit, grading to medium grained, well sorted and cemented, dominantly feldspathic matrix, slightly micaceous.
89.72 - 89.75	<u>Core Loss</u>
89.75 - 92.75	<u>Sandstone</u> : Light grey to grey, fine-medium grained, occasionally coarse grained, well sorted and cemented, dominantly feldspathic matrix, carbonaceous, partly lithic, slightly chloritic, micaceous.
92.75 - 95.72	<u>Sandstone</u> : Light grey, medium grained, well sorted and cemented, dominantly feldspathic matrix, lithic in part, chloritic, slightly micaceous.
95.72 - 97.36	<u>Sandstone</u> : As above with specs of chlorite.
97.36 - 98.75	<u>Mudstone</u> : Light grey to off-white, occasionally green, blocky, chloritic, kaolinitic in part, indurated, slump features.
98.75 - 99.59	<u>Mudstone</u> : Off-white, hard, blocky, indurated, kaolinitic in part, calcitic, carbonaceous at random.
99.59 - 100.00 T.D.	<u>Sandstone</u> : Off-white, fine grained, well sorted and cemented, feldspathic, slightly micaceous, large mudstone inclusions towards base of unit, indurated.
100.00 T.D.	