

DRILLHOLE 0-03b

<u>Depth (metres)</u>	<u>Lithologic Descriptions</u>
0 - 1.25	<u>Soil</u> : Red-brown, dark brown, slightly ferruginous and carbonaceous.
1.25 - 5.00	<u>Arkosic Sandstone</u> : Red-brown, yellow, fine to medium grained, moderately sorted, well cemented, dominantly feldspathic matrix, slightly lithic and micaceous.
5.00 - 9.00	<u>Arkosic Sandstone</u> : Light grey, red-brown, medium to coarse grained, moderately sorted, well cemented, sucrosic texture, dominantly feldspathic matrix, slightly lithic, carbonaceous,
9.00 - 12.00	<u>Core Loss</u>
12.00 - 15.00	<u>Arkosic Sandstone</u> : Light grey, medium to coarse grained, well sorted, well cemented, dominantly feldspathic matrix, slightly lithic, micaceous and kaolinitic.
15.00 - 17.91	<u>Sandstone</u> : Light grey, medium to coarse grained, subangular to subrounded grains, well sorted, well cemented, dominantly feldspathic matrix, slightly lithic, micaceous, kaolinitic; contains some carbonaceous blebs and pyrite.
17.91 - 18.00	<u>Core Loss</u>
18.00 - 20.50	<u>Sandstone</u> : Light grey, medium to coarse grained, sub angular to rounded grains, well sorted, well cemented, dominantly feldspathic matrix, slightly lithic, micaceous and chloritic; contains some carbonaceous blebs.
20.50 - 26.30	<u>Sandstone</u> : Light grey, medium grained, moderately sorted, well cemented, dominantly feldspathic matrix, slightly lithic, chloritic and kaolinitic.
26.30 - 26.50	<u>Core Loss</u>
26.50 - 29.50	<u>Sandstone</u> : Light grey, medium grained, sometimes coarse, sucrosic texture, well sorted, well cemented, dominantly feldspathic matrix, slightly lithic, micaceous and chloritic; contains carbonaceous blebs, increasing abundance towards base.

<u>Depth (metres)</u>	<u>Lithologic Descriptions</u>
29.50 - 30.00	<u>Core Loss</u>
30.00 - 30.89	<u>Sandstone</u> : Light grey, medium to coarse grained, dominantly feldspathic matrix.
30.89 - 30.98	<u>Carbonaceous Mudstone</u> : Dull grey, blocky
30.98 - 31.19	<u>Coal</u> : Inferior contains carbonaceous blebs, grading to carbonaceous mudstone in part.
31.19 - 32.01	<u>Mudstone</u> : Light grey, moderately soft, blocky, slightly indurated; contains some carbonaceous wisps, slump features present. sent.
32.01 - 33.00	<u>Core Loss</u>
33.00 - 34.35	<u>Sandy Siltstone</u> : Light grey to grey, moderately sorted, moderately cemented, feldspathic, slightly argillaceous and micaceous; contains some carbonaceous banding; grading to mudstone in part.
34.35 - 34.87	<u>Mudstone</u> : Light grey, moderately soft; contains carbonaceous wisps.
34.87 - 36.00	<u>Coal</u> : Dull with minor bright bands, inferior; contains some carbonaceous blebs and calcite veinlets.
36.00 - 36.06	<u>Coal</u> : Dull with minor bright bands.
36.06 - 37.02	<u>Mudstone</u> : Light to dark grey, moderately soft, carbonaceous, slightly indurated.
37.02 - 38.78	<u>Sandy Siltstone</u> : Light grey, moderately sorted, well cemented, dominantly feldspathic matrix.
38.78 - 39.00	<u>Core Loss</u>
39.00 - 41.30	<u>Sandy Siltstone</u> : Light grey, medium to fine grained, well sorted, well cemented; feldspathic, slightly lithic and micaceous; contains some winnowing features; grading to sandstone in part.
41.30 - 42.05	<u>Sandstone</u> : Light grey, fine grained, well sorted, well cemented, feldspathic matrix, slightly pyritic; contains carbonaceous bands.
42.05 - 42.91	<u>Sandstone</u> : As above; but medium to coarse grained; slightly chloritic and kaolinitic.

Depth (metres)Lithologic Descriptions

42.91 - 43.11

Sandstone: Light grey, fine grained, feldspathic.

43.11 - 44.24

Arkosic Sandstone: Light grey, coarse to very coarse grained towards base, subrounded to rounded grains, well sorted, well cemented, sucrosic texture, feldspathic matrix, good porosity, chloritic, slightly micaceous and kaolinitic.

44.24 - 44.30

Core Loss

44.30 - 47.30

Sandstone: Light grey, medium grained, coarsening towards base, well sorted, well cemented, sucrosic texture, dominantly feldspathic matrix, slightly micaceous and chloritic; contains some carbonaceous bands.

47.30 - 50.28

Sandstone: As above but medium to coarse grained.

50.28 - 50.30

Core Loss

50.30 - 53.40

Sandstone: Light grey, coarse grained, well sorted, well cemented, sucrosic texture, dominantly feldspathic matrix, micaceous, slightly lithic, chloritic and kaolinitic.

53.40 T.D.