

DRILLHOLE P-04

<u>Depth (m)</u>	<u>Lithologic Description</u>
0 - 1.50	<u>Clay</u> : dark grey; soft; sticky; carbonaceous in part and micaceous throughout.
1.50 - 5.00	<u>Shale</u> : dark grey; friable in part; fissile; argillaceous, carbonaceous throughout and micaceous.
5.00 - 9.20	<u>Sandstone</u> : light grey to off-white; friable in part; fine grained to occasionally medium grained; moderately cemented; sucrosic texture; micaceous, feldspathic matrix; slightly argillaceous; fair porosity; contains carbonaceous stringers.
9.20 - 14.72	<u>Sandstone</u> : light grey to off-white; fine grained; moderately sorted; moderately cemented; sucrosic texture; micaceous, feldspathic matrix; bioturbated: contains carbonaceous bands throughout.
14.72 - 17.55	<u>Mudstone</u> : dark grey; moderately hard, splintery; slightly pyritic, micaceous throughout, carbonaceous in places.
17.55 - 20.55	<u>Mudstone</u> : as above; occasionally pebbly.
20.55 - 23.55	<u>Mudstone</u> : dark grey; hard, blocky to occasionally splintery; calcareous in part; micaceous throughout; contains sporadic calcite veinlets and occasionally grades into siltstone.
23.55 - 26.55	<u>Mudstone</u> : dark grey; moderately hard, blocky; slightly carbonaceous, micaceous throughout; contains calcite veinlets and grades into underlying bed.
26.55 - 29.55	<u>Siltstone</u> : dark grey; moderately sorted; well cemented; micaceous, carbonaceous in part, argillaceous matrix: contains calcite veinlets throughout.
29.55 - 32.62	<u>Siltstone</u> : as above: pebbly in places; contains occasional calcite veinlets.
32.62 - 35.62	<u>Siltstone</u> : as for 26.55 - 29.55 metres.
35.62 - 38.62	<u>Siltstone</u> : dark grey; moderately sorted; well cemented, slightly calcareous; micaceous, carbonaceous, bioturbated in part, argillaceous matrix: contains occasional calcite veinlets and is slightly pebbly.

Depth (m)Lithologic Description

38.62 - 41.62

Siltstone: as above; less pebbly.

41.62 - 44.62

Sandy Siltstone: light grey to dark grey; moderately sorted; well cemented; carbonaceous in places, micaceous, slightly pebbly, argillaceous matrix: grades into a fine grained sandstone towards base of bed.

44.62 - 50.62

Sandy Siltstone: as above; dark grey.

50.62 - 53.62

Siltstone: dark grey; moderately soft; moderately sorted; well cemented; slightly carbonaceous, micaceous, slightly bioturbated, argillaceous matrix: contains occasional fossil remnants.

53.62 T.D.