

019

752020

DRILLHOLE P-01

<u>Depth (m)</u>	<u>Lithologic Description</u>
0.00 - 2.00	<u>Soil</u> : brown to off-white; silty; clayey; contains grains of sub-rounded to rounded sand.
2.00 - 3.40	<u>Sandy Siltstone</u> :
3.40 - 4.40	<u>Sandstone</u> : contains 40% sandy siltstone.
4.40 - 5.00	<u>Sandstone</u> : contains 30% sandy siltstone.
5.00 - 6.70 (Run 1)	<u>Sandstone</u> : light grey with some black carbonaceous particles; soft to medium hard; fine to medium grained, angular to sub-rounded; poorly sorted - with occasional quartz and feldspar granule fragments; moderately cemented, moderate porosity, slightly calcareous; predominantly argillaceous matrix, micaceous, fossiliferous.
6.70 - 8.90 (Run 2)	<u>Sandstone</u> : light grey; soft to medium hard; fine to medium grained; moderately sorted; moderately cemented, moderate porosity, occasionally calcareous; argillaceous matrix, micaceous, slightly carbonaceous.
8.90 - 10.89 (Run 3)	<u>Sandstone</u> : light grey; fine to medium grained; poorly sorted - with occasionally quartz granule fragments; moderately cemented, calcareous in part; micaceous, slightly carbonaceous, occasionally feldspathic; contains minor varve fragments.
10.89 - 12.57 (Run 4)	<u>Sandstone</u> : as above; slightly bioturbated.
12.57 - 14.02 (Run 5)	<u>Sandstone</u> : light grey to grey, with some black carbonaceous particles; fine to medium grained, sub-angular to rounded; poorly sorted; moderately cemented, occasionally calcareous; argillaceous matrix, micaceous; contains varve fragments and slaty remnants throughout.
14.02 - 15.57 (Run 6)	<u>Sandstone</u> : light grey; fine to medium grained; moderately sorted; well cemented; calcareous in part; argillaceous matrix, micaceous; contains occasional carbonaceous wisps.
15.57 - 16.77 (Run 7)	<u>Sandstone</u> : light grey to dark grey; fine to medium grained; moderately sorted; well cemented, slightly calcareous; argillaceous matrix, micaceous; contains increasing carbonaceous wisps.

Depth (m)Lithologic Description

16.77 - 18.57  
(Run 8)

Sandstone: light grey, occasionally dark grey; medium grained to occasionally fine grained; moderately sorted; calcareous in part, well cemented; argillaceous matrix, slightly bioturbated, slightly lithic; contains carbonaceous wisps.

18.58 - 20.72  
(Run 9)

Sandstone: light grey; moderately sorted - with quartz granule fragments; lithic matrix, slightly micaceous, pyritic and calcitic in part, slightly feldspathic; bioturbated; contains minor varve fragments, and minor pebbles.

20.72 - 21.57  
(Run 10)  
21.57 - 29.57

Sandstone: as above

Sandstone: fine to medium grained; poorly sorted - with quartz granule fragments; moderately cemented; pyritic, slightly lithic, feldspathic; varve and tillite fragments evident towards base of unit; contains occasional carbonaceous blebs and minor pebbles.

29.57 T.D.