

LITHOLOGY:Interval  
(ft.)

- 3002-3320 - Marl, brown-grey, pyritic, fossiliferous, soft.
- 3320-3460 - Mudstone, grey, soft, slightly calcareous.
- 3460-3640 - 50% Mudstone, as above,  
50% Sandstone, white, fine grained quartz,  
unconsolidated, glauconitic with detrital Coal
- 3640-3799 - Mudstone, as above  
Shale, chocolate brown, soft to firm.

Core No. 2

cut 20 feet, recovered 19 feet.

- 3799-3819 - Shale, chocolate brown, firm micaceous,  
fossiliferous.
- 3819-4260 - Shale, chocolate brown, soft, firm, pyritic,  
fossiliferous
- 4260-4271 - Sand, very fine to silty, glauconitic, hard,  
tight.

Core No. 3.

4271-4289 feet cut 18 feet, recovered 10 feet.

- 4271-4272 - Sandstone, very fine, silty, very glauconitic,  
very hard, tight, no shows.
- 4272-4281 - Sand, white, fine to medium, quartz,  
sub-rounded, very friable, unconsolidated,  
slightly glauconitic, clean, good porosity and  
permeability.
- 4273-4274 - good fluorescence, cut and odour.

Core 4.

4289-4316

cut 27 feet, recovered 17 feet.

1½ feet Siltstone3 feet Sand, fine to medium grained,  
unconsolidated, some Shale laminae3½ feet Sand, good porosity, and permeability,  
no shows.5 feet Sand, fine grained with numerous thin  
shale laminae1 foot Sand, as the 3½ feet section as above1½ feet Siltstone1½ feet Sand with thin shale laminae, all  
sands too friable for analysis.

4316-4620

- 60% Sand, white, fine to medium grained,  
glauconitic.  
40% Shale, brown, silty slightly carbonaceous.