

(lithological summary) 2.

micritic, 6" band at 4011 feet - 4014 feet.

Cored section is massive, breaks irregularly along poorly defined sub-horizontal bedding planes: slumping noticeable throughout.

Dips up to 10° at 4006 - 4007.5 feet locally.

4022 - 4516 feet

Shale as above, minor siltstone plus rare sandstone. Sandstone is light buff argillaceous, silty, calcareous very fine fossiliferous, glauconitic. No porosity, permeability.

4516 - 4539 feet Core No. 4 Cut 23 feet Rec. 23 feet

Shale : dark grey, silty, pyritic, sparsely disseminated flecks, thinly bedded, compact, fissile, splintey to sub-conchoidal fractures, trace calcareous debris, moderately abundant pyrotized worm trails and burrows rare laminae of buff dense, argillaceous, micritic limestone, bedding sub-horizontal.

4539 - 5009 feet

Shale : dark grey, with minor interbedded siltstone, micritic limestone and sandstones.

Shale : dark grey as in Core No. 4 above, plus light grey to grey-green, silty, calcareous, pyritic rarely glauconitic, fossiliferous.

Siltstone : light grey to buff calcareous argillaceous sparsely pyritic and glauconitic, fossiliferous.

Limestone : micritic, medium grey to grey brown, silty dolomitic, pyritic rarely glauconitic, dense and hard rare coarse sub-rounded to rounded quartz in limestone.

Sandstone : light grey to buff. Calcareous, silty, very fine grained sparsely glauconitic and pyritic, dense no porosity or permeability.