

LITHOLOGICAL SUMMARY:3000 - 3030 feet Core 1 Rec. 30'

Mudstone and marl, light to dark grey-green, slightly calcareous, arenaceous, very fossiliferous, pyritic nodular concretions. Very fine irregular bedding, no apparent dip; silty in part.

3030 - 3240 feet

Mudstone, light grey-green, slightly calcareous, micaceous, very fine, very soft.

3240 - 3500 feet

Shale, medium-dark grey, slightly calcareous and arenaceous, micaceous, fissile, very fossiliferous. Siltstone, light brown, slightly calcareous argillaceous.

3500 - 3530 feet Core 2 Rec. 30'

Shale, dark-medium grey green fissile, silty in part, very fossiliferous. Interbedded mudstone. Thin bands. Light grey green slightly fossiliferous, calcareous: irregular bands of pale grey very glauconitic fossiliferous shale : bedding flat.

3530 - 3880 feet

Shale, light-medium grey green fissile, very silty, fossiliferous, glauconitic soft, calcareous, pyritic, minor interbedded mudstone.

3880 - 3997 feet

Siltstone, light grey buff, very argillaceous, calcareous, glauconitic, occasional quartz grains : silty shale as above.

3997 - 4022 Core No. 3 Cut 25 feet Rec. 184 feet (approx.)

Shale (as above), with slumped laminae siltstone and micritic limestone.

- (i) Shale dark grey to dark grey green, silty calcareous fossiliferous, sparsely glauconitic, pyritic; forams, paleocyphods bryozoa and calcareous debris.
- (ii) Siltstone buff - light grey, fossiliferous glauconitic.
- (iii) Limestone buff light grey argillaceous, silty