

(lithological summary)

3.

4700 - 5009 feet

Traces of sub-rounded coarse to very coarse quartz sand probably from limestone.

5009 - 5039 feet Core No. 5 Cut 30 feet Recovery 26 feet

Shale : dark chocolate brown massive micaceous, fossiliferous, silty, calcareous, very pyritic in thin tubes and concretions. Probably worm burrows, then laminae of light grey to green micaceous shale.

Siltstone : light brown to grey, very argillaceous. Patches of buff-light brown.

Sandstone : very fine very argillaceous, silty, calcareous few very coarse grains; generally flat dipping - erratic due to lense nature of sediments.

5039 - 5315 feet

Shale : dark chocolate brown as above.

Siltstone : dark brown to buff argillaceous.

Sandstone : very fine very argillaceous (minor amounts only).

5315 - 5336 feet Core No. 6 Cut 21 Rec. 21 feet

Sandstone : light brown, very fine, dirty, trace mud, very coarse, friable, silty, dolomitic, argillaceous poorly sorted pyritic, burrows, bedding irregular with lensing dark chocolate brown shale: porosity very poor; permeability nil, no show, odor, fluorescence.

5325 - 5327 feet

Interbedded thin streaks 4 cm. thick of shale and sandstone.

Sandstone : light grey to white, silty, glauconitic, very fine grained, well sorted, porosity and permeability poor to nil.

Shale : dark chocolate brown as above.