GEOLOGICAL SUMMARY

SECTION # 1 (720ft-1230ft.)

A predominatly calcareous lithology,differeniated into an upper coral,reef LIMESTONE,white to creamy,hard and calcitic.Containing abundant fossil debris,including coral stems,foraminifera and various shell fragments.The middle and lower beds are typified by a DOLOMITIC LIMESTONE,grey to creamy,hard and silty with an angular break.Lower in the section the DOLOMITE becomes more contaminated and dirty.

SECTION # 2 (1230ft-6000ft.)

An interbedded sequence of SAND and CLAYSTONE.Throughout the section the sand grains are clear,fine to medium,well sorted and sub-angular.The CLAYSTONE however grades from a light grey moderatly hard litho-type with occaisional glauconite and pyrite to a brown,very pyritic,moderatly fissil variety.

At 4300ft. SANDSTONE and SILTSTONE beds appear.The SILTSTONE light brown to brown,argillaceous,soft and occaisionally plastic is possible grading from the CLAYSTONE beds above.

SECTION # 3 (6000ft-10200ft.)

A light grey to white SANDSTONE with fine to medium,poorly sorted grains,grading lower in the section to a moderatly sorted,well cemented SANDSTONE.Occaisional interbedded SILTSTONES,dark brown,soft slightly fissil and sandy are seen throughout the upper section.

Some traces of KAOLINITE appear at 6500ft. and again at 8000ft.

At 9500ft. the SANDSTONE becomes green,attributed to a noticable chlorite content,this lithology continued to 9700ft. marking the top of a 100ft. thick CONGLOMERATE bed,and again below to 10200ft.