

A2.3 Lithological Descriptions.

The wellsite geologists strip log was drawn up separately to the mud loggers master log and the descriptions in this section are taken from the strip log. Wireline logs and sidewall core descriptions are also used and the depths have been taken from wireline logs. All depths are in metres below kelly bushing.

270m -360m**BIOCLASTIC LIMESTONE**

White, orange, pink, occasionally deep orange, coarse to very coarse, angular to sub-rounded, shell fragments, gastropods, bivalves, corals, bryozoans, some friable accreted grains, forams, calcite grains, trace to 10% clear, coarse, quartz sand grains, strong mineral fluorescence throughout.

MINOR CALCARENITE

White, light grey, off white, soft and friable, fine, sub-rounded to rounded, occasionally angular, calcite cement, occasionally glauconitic, trace echinoid spines, visible porosity poor to good.

360m -835m**CLAYSTONE**

Light grey, very soft and dispersive, calcareous to very calcareous, occasionally grading to calcilutite, mostly washing out of sample.

MINOR SILTSTONE

Grey/green, light green, soft, very argillaceous, calcareous.

MINOR CALCARENITE

Cream, grey, light green, soft, very fine to fine, glauconitic, shell and coral fragments in parts, trace quartz and pyrite, occasionally dolomitic.

MINOR SANDSTONE

Light grey, light grey/green, firm to hard, very fine to fine, quartz grains with a calcareous cement, dark green glauconite.

835m -890m**SANDSTONE**

Clear, translucent, white, occasionally yellow, unconsolidated, medium to coarse grained, occasionally very coarse, predominantly coarse, rounded to sub-rounded, predominantly rounded, moderately sorted, common fossil fragments in top 5m, inferred porosity excellent.