

STRATIGRAPHY

The Pipipa-1 stratigraphic sequence comprises sediments of the Early Cretaceous to Late Tertiary Bass Basin which overly a metamorphic/volcanic basement. (Brown, 1976).

The stratigraphic and lithological column for the well is presented in the interpretative log (Enclosure-1) and detailed lithological descriptions are included in Appendix-1 (Sample Descriptions) and Appendix-2 (Sidewall Core Description and Analyses).

The major stratigraphic units intersected in the well are summarized below and in Table 1. The depths are primarily based on the Dual Laterolog.

TORQUAY GROUP 94.0 m - 1409.9 m.

The upper section of the group from 94 to 995 m, consists predominantly of skeletal limestone interbedded with minor calcareous siltstone and marl. The lower section is dominated by siltstone interbedded with minor shale and rare dolomite.

The limestone is white to grey, predominantly calcarenite, occasionally grading to calcilutite and consists mainly of bryozoan and foraminiferal fragments with occasional echinoid, shell fragments and quartz sand in part. The calcisiltite is grey green, glauconitic and occasionally sandy in part. The marl is grey, very silty in part and friable. The siltstone is dark grey to brown, argillaceous and occasionally carbonaceous. The shale is dark grey, subfissile and silty. The dolomite is light brown, hard and limey.

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