

IV CONCLUSIONS

- A. The studied section is assigned to the Campanian to Early Oligocene, without major hiatus.
- B. An unconformity probably exists at about 1551m (log evidence) and coincides with the asperopolus/lower asperus boundary. This boundary is regionally unconformable in much of the Gippsland as well as Bass Basins (Partridge 1975) and is associated with the major mid Middle Eocene base level rise.
- C. Age relationships are consistent with those elsewhere in the basin. The base Torquay Group is slightly younger than usual, due to the development of an Oligocene sand above normal Demon's Bluff Formation. The Eastern View Formation contains the best reservoir sand in the Early Eocene M. diversus subzones, with a significant increase in shale beneath. Lava flows at the base of the section are dated as latest Cretaceous, consistent with volcanicity seen elsewhere, including Durroon-1.
- D. The age at T.D. indicates the potential for a substantial Late Cretaceous and Early Cretaceous undrilled section in the area, enhancing its prospectivity.