

A2.6 Geochemistry

A total of ten samples was forwarded to ANALABS, eight (8) sidewall core samples for organic geochemical analysis, and two (2) washed and dried samples which were forwarded to Professor Alan Cook for vitrinite reflectance determinations (see section 2.7 'Thermal History').

Six of the sidewall cores were sampled and submitted to Rock-Eval pyrolysis analysis while four were extracted, two for C12+ saturate gas/liquid and two for C12+ whole extract gas/liquid chromatography. The results from these analyses indicate that the rocks from the tested interval are mature, predominantly gas prone but with significant oil source potential and have probably not contributed hydrocarbons to any traces that may be seen in adjacent sand reservoirs. Their thermal maturity may be the result of being 'cooked' by the nearby intrusives.

The following are the summary pages from the ANALABS report included in this Well Completion Report as Appendix 2.