

A2.6 Geochemistry

A total of seventy-nine (79) samples were sent to ANALABS for geochemical analysis, sixty-four (64) canned cuttings samples and fifteen (15) washed and dried cuttings samples, from between 970m and 3000m.

The canned samples were 30m composite samples which were treated with bacteriacide at the wellsite then sealed as soon as was possible. They were submitted to head space gas analysis by ANALABS. The dried samples were washed and sieved to remove any caved cuttings then air-dried in cloth bags. Due to the highly dispersive nature of the clays the samples were rather more arenaceous than would be expected from the rate of penetration and the readings from the wireline logs. However ANALABS hand-picked thirteen of the samples and used only the more argillaceous fraction. These picked samples were used for total organic carbon determination and Rock-Eval pyrolysis analysis. Thermal maturity was estimated using vitrinite reflectance measurements done on five unpicked washed and dried samples.

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