

resulted in minimal overbalance, assuming the section to be normally pressured.

The wireline logs show interesting and quite varied mineralogical responses, especially the high resolution data. Gamma ray values in excess of 180 API units are associated with lithic and at times arkosic sandstones. The spectral gamma ray records higher thorium and occasionally uranium concentrations over these zones.

The induction log exhibits intervals of saturation, similar to those observed inside casing, between 2043m (L) to 2053m (L) and 2188m (L) to 2197m (L). These anomalies repeated on the down log and are formation dependent. The upper interval occurs over a sandstone and is attributed to abundant continuous pyritic cement. In contrast the lower interval occurs over a predominantly claystone section lying just above the dolerite sill. No abnormal mineral occurrences were observed during drilling of this interval.

Unusual mineralogy must also account for the high density spikes and high Pe values between 2350m and 2400m. The spectral GR shows no significant concentrations of uranium which suggests other heavy minerals must be responsible.