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4. The richest potential source rocks in Koorkah-1 occur between 1780 and 2005 metres depth in the Eocene section of the Eastern View Coal Measures (TOC = 3.11%; S1+S2 = 7-37 kg h'cs/tonnes). These sediments contain gas/condensate-prone Type II-III kerogen which, although immature at Koorkah-1, may well be generative elsewhere in the permit area.
5. Although less abundant and still only marginally mature (VR = 0.5-0.6%), dispersed organic matter of similar quality is present in the Paleocene section of the Koorkah-1 well (notably at 2284-2401 metres depth). The Cretaceous sequence is essentially gas-prone.
6. Migrated oil/condensate appears to have stained cuttings from at least two intervals in Koorkah-1 (viz. 2032-2043 metres, Eocene; 2284-2293 metres, Paleocene).