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TERTIARY

Macquarie Beds

Reconnaissance in the northern portions of E.L. 27/76 is yet to be undertaken, thus information on the Tertiary Macquarie Beds of the Macquarie Harbour Graben (Moore's Valley Graben?) is based upon experience gained during their study within E.L. 9/74 Birch Inlet. The Macquarie Beds are typically flat or gently dipping sediments which consist of unconsolidated sands and conglomerates.

Extensive thin pebble and sand horizons exposed in the Elliott Bay area north of Voyager 3 and studied in detail during the Voyager 8 Tin Study are tentatively interpreted as shallow marine deposits of Tertiary age. Local thickening of these deposits was investigated by drilling, pit and trenching techniques and a maximum depth of in excess of approximately 14 metres was achieved in one locality.