

delta(s) changed through time (30 million years) and that there may have been multiple sediment sources.

Porosity and permeability data in Yurongi-1 (*L. balmei*), Tarook-1 (*N. asperus*), Dondu-1 (*M. diversus*), Tilana-1 (*L. balmei*), Aroo-1 (*L. balmei*) and Poonboon-1 (*M. diversus*) indicate that shoreface/foreshore/barrier and channel sands are primary reservoir objectives within the basin. The upper portion of mouth bar sequences (Pelican-1, *M. diversus*) also contain reservoir quality sands.