

Net sand/gross section data are also sparse but sufficient to indicate a large sand source from the southeast near Durroon -1 with less prominent basin flank source from the east and west. Essentially no sand reached the present basin axial position, nor does there appear to be any evidence of a sand source from the north. Indeed, the shaling of the unit to the north seems well established and one would anticipate that the unit would be almost entirely shale, albeit geochemically mature (as with the overlying unit at Cormorant -1) over the large northern portion of the basin. The 10% value at Nangkero -1 located between two lower values at Dondu -1 and Poonboon -1 suggest the relatively simple depositional pattern described above may have been influenced by uplift providing local sources of sand. However, this appears to be a minor influence with Nangkero -1 type sands not providing particularly good reservoir potential.

Lower M. diversus Isopach and Net Sand/Gross Section (Fig. 4).

Partridge (1976) indicated the Lower Malvacipollis diversus spore-pollen zone to be of Late Paleocene-Early Eocene age and the Upper Malvacipollis diversus zone to be of Early Eocene age. Several of the wells in Bass Basin have a zone identified as