

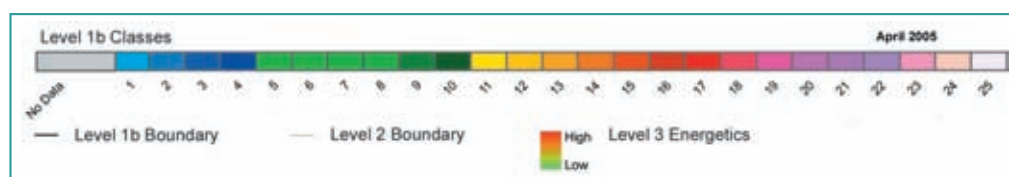
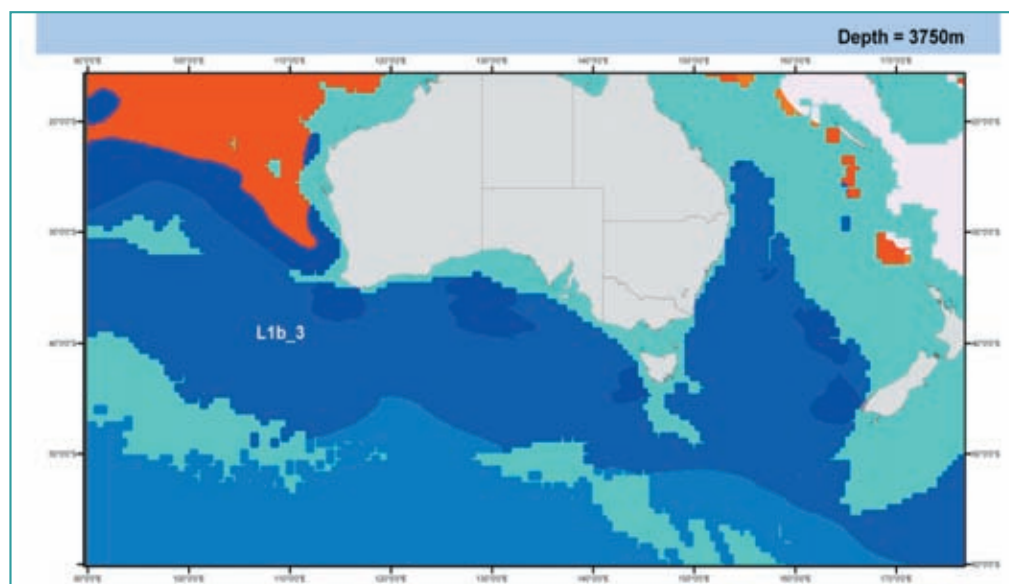
# Water Mass 3

**Description:** This is the largest body of deep water in the study region. It is located in shallower depth to the east but gradually deepens to the north and to the west. In the Pacific, its northward excursion is limited by the confines of the Tasman Abyssal Plain, while in the Indian Ocean it infiltrates further north at depth.



| Water Mass 3     | Mean   | Min.  | Max.   | Std Dev. |
|------------------|--------|-------|--------|----------|
| Temperature (°C) | 1.17   | 0.65  | 1.75   | 0.16     |
| Salinity         | 34.72  | 34.70 | 34.76  | 0.01     |
| Oxygen (mm/l)    | 4.65   | 4.36  | 4.95   | 0.11     |
| Nitrate (mg/l)   | 32.49  | 25.55 | 38.16  | 1.87     |
| Silicate (mg/l)  | 114.48 | 83.96 | 141.95 | 10.18    |

|                       |       |                                     |       |
|-----------------------|-------|-------------------------------------|-------|
| <b>Depth (m):</b>     | 3750  | <b>Longitude (°E):</b>              | 119.6 |
| <b>Latitude (°S):</b> | -44.4 | <b>Volume (km<sup>3</sup>/106):</b> | 22.71 |



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