

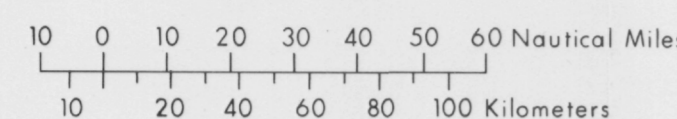
**Tectonic Map and Sediment Distribution Chart, Eastern Coral Sea Basin,
Southwest Pacific**

Contour Interval: 500 uncorrected meters based on assumed velocity of 1500 meters/sec.

Data Sources:
 Hawaii Institute of Geophysics
 M/V Taranui 1966
 R/V Mahi 1970
 R/V Kana Keoki 1971
 Joides, D/V Glomar Challenger, Legs 21 & 30

Nova Expedition, S.I.O.
 Lamont Geological Observatory, R/V Vema 1966
 Recorder Expedition (Krause, 1967)
 Australian Hydrographer, Royal Australian Navy

Geology by: Charles W. Landmesser
 Mercator Projection
 Hawaii Institute of Geophysics, University of Hawaii
 Honolulu, Hawaii
 1974



| Explanation | |
|---------------------------|---|
| | ? Ancient Zone of Overthrust (Inactive) |
| | Present Zone of Overthrust (Active) |
| | Normal Fault |
| | Transcurrent Fault |
| | ? Ancient Seafloor Spreading Axis (Inactive) |
| | ? Axis of Island Arc |
| | Fracture Zones and Associated Minor Fractures |
| Sediment Thickness | |
| | 0.1-0.3 |
| | 0.3-0.5 |
| | 0.5-0.7 |
| | 0.7-0.9 |
| | > 0.9 |