

**FIG 13** Bass Basin part I CR-001

HAEMATITE EXPLORATIONS PTY. LTD.

**BASS BASIN**

**STRUCTURE TOP UNIT II**

048050

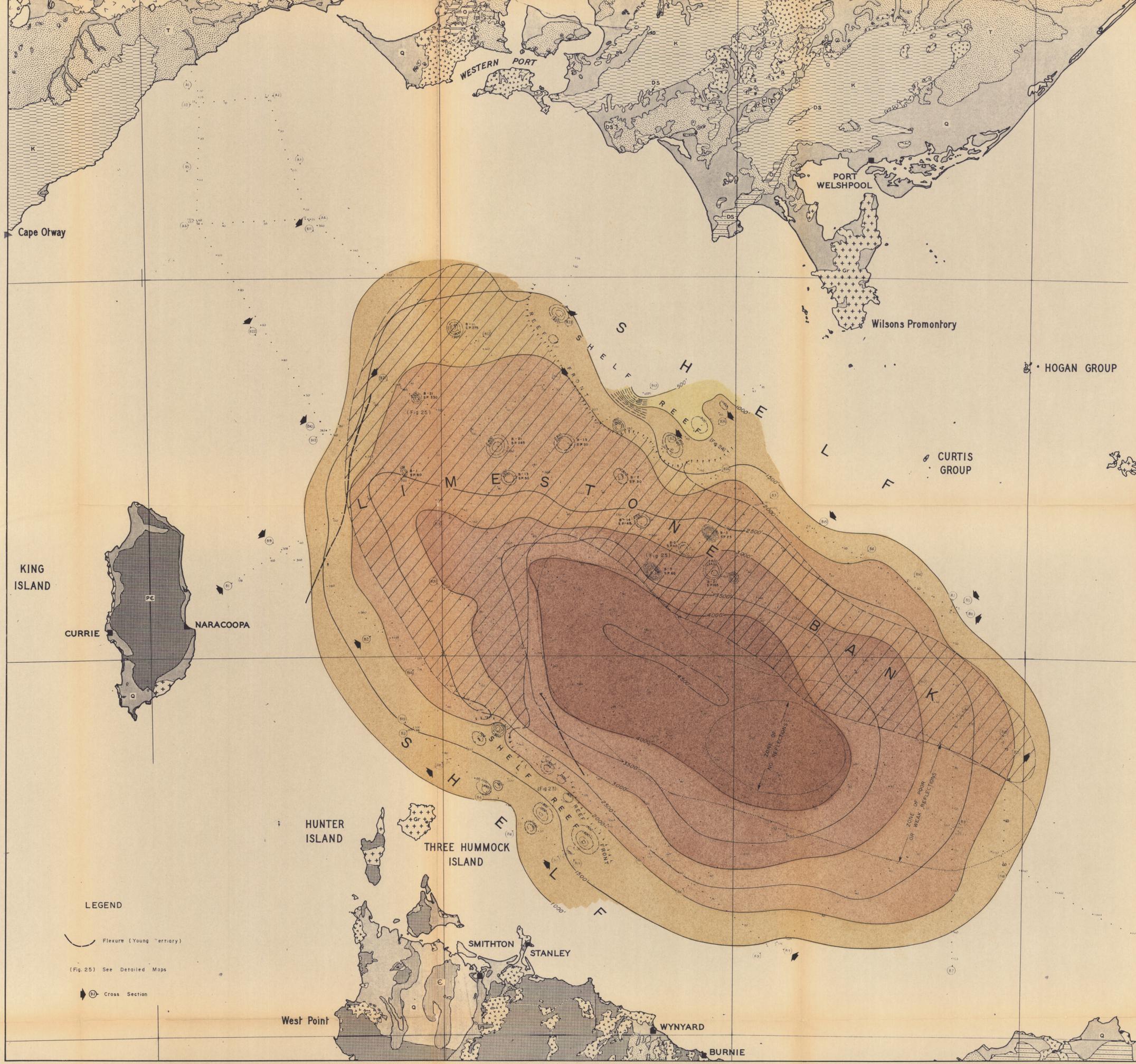
5 cm

G.H.H. SEPTEMBER, 1964 L.C. REED  
A.S. MAUREIRA

SCALE OF MILES

0 10 20 30 40 50

1:506,880 OG 675



**STRATIGRAPHIC SEQUENCE**

|        |                |       |   |
|--------|----------------|-------|---|
| MAPPED | UNIT IV        | 5500' | PLIOCENE (?) - PLEISTOCENE  |
|        | UNIT III       | 3000' | Assumed mainly shallow water limestones and calcareous sands. Probably similar to beds on Flinders Is. and coastal Victoria.  |
|        | UNIT II        | 4500' | MIOCENE (?)   |
|        | UNIT I         | 5500' | Probably marls, limestones and calcareous sands.  |
|        | LIMESTONE BANK |       | OLIGOCENE - MIOCENE (?)   |
|        | SHELF REEF     |       | Shelf reef buildups on NE and SW sides of basin. At top of unit is limestone (called Limestone Bank) 500'-1500' thick developed over part of basin. Contains 12 and more reef buildups. Argillaceous facies expected in deeper water environment. |
|        | BASEMENT       |       | Eocene (?)  |
|        |                |       | Marine clastics (?)   |
|        |                |       | GRANITES, METAMORPHICS  |
|        |                |       | Thick Palaeozoic (?) sediments under southeast corner of basin. Possibly patches under SW flank.  |

**LEGEND**

Flexure (Young tertiary)

(Fig 25) See Detailed Maps

82 Cross Section

