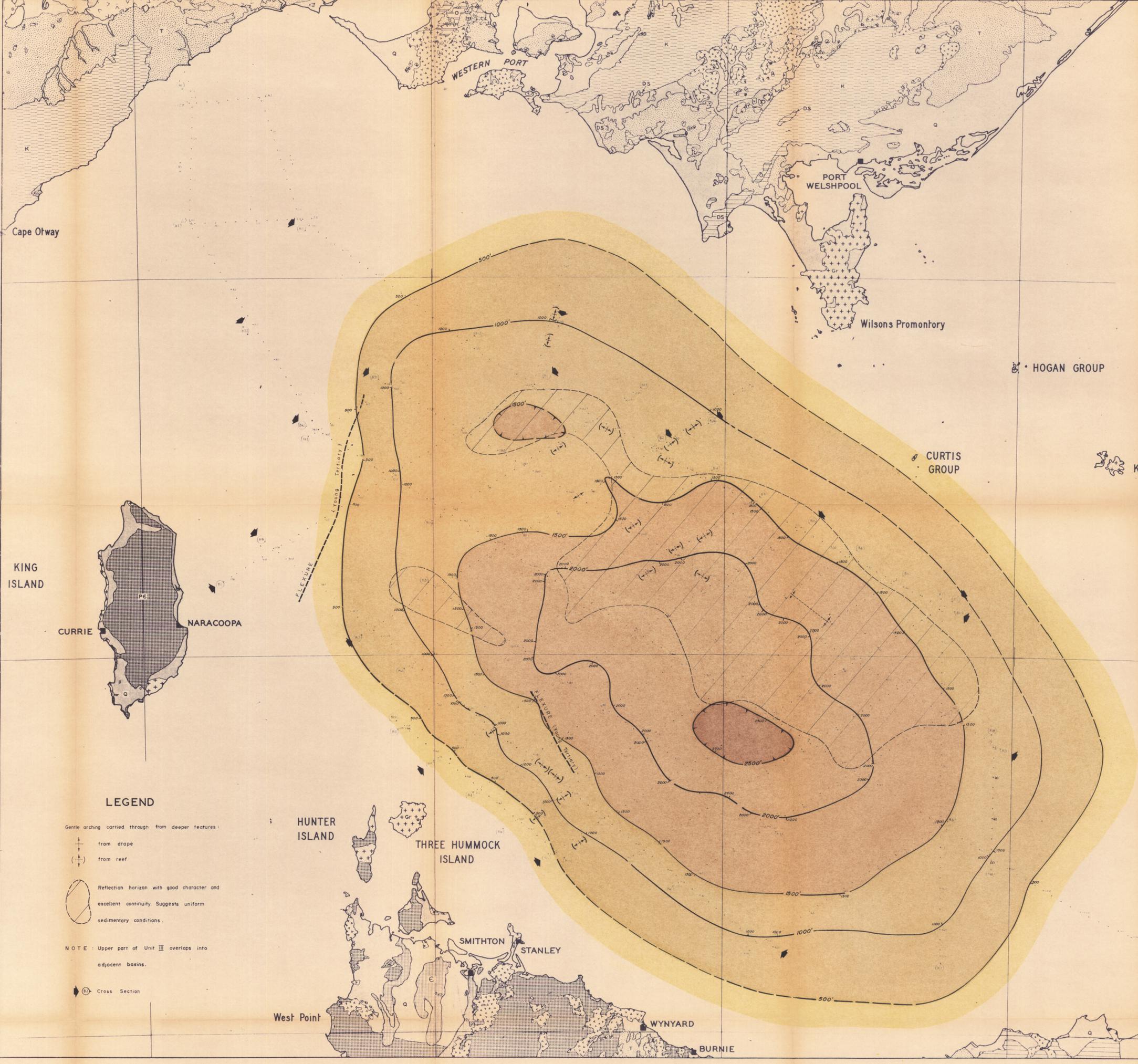


HAEMATITE EXPLORATIONS PTY. LTD.
BASS BASIN
STRUCTURE TOP UNIT III

048051



G.H.H. SEPTEMBER, 1964
 SCALE OF MILES
 0 10 20 30 40 50
 1:506,880
 L.C. REED
 A.S. MAUREIRA



STRATIGRAPHIC SEQUENCE

IV	UNIT IV	2800'	PLIOCENE (?) - PLEISTOCENE Assumed mainly shallow water limestones and calcareous sands. Probably similar to beds on Flinders Is. and coastal Victoria.
III	UNIT III	2000'	MIOCENE (?) Probably marls, limestones and calcareous sands.
II	UNIT II	1500'	OLIGOCENE - MIOCENE (?) Shelf reef buildups on NE and SW sides of basin. At top of unit is limestone (called Limestone Bank). 500'-1300' thick developed over part of basin. Contains 12 and more reef buildups. Argillaceous facies expected in deeper water environment.
I	UNIT I	500'	Eocene (?) Marine clastics (?)
	BASEMENT		GRANITES, METAMORPHICS Thick Palaeozoic (?) sediments under southeast corner of basin. Possibly patches under SW flank.

LEGEND

- Gentle arching carried through from deeper features:
 - from drape
 - from reef
 - Reflection horizon with good character and excellent continuity. Suggests uniform sedimentary conditions.
- NOTE: Upper part of Unit III overlaps into adjacent basins.
- ⊙ Cross Section