

5 cm

1. BELOW-BOUGUER ANOMALY
Reproduced from Gravity map of Tasmania.

DENSITY 2670 kgm⁻³
CONTOUR INTERVAL 50 μm sec²
100 μm sec²



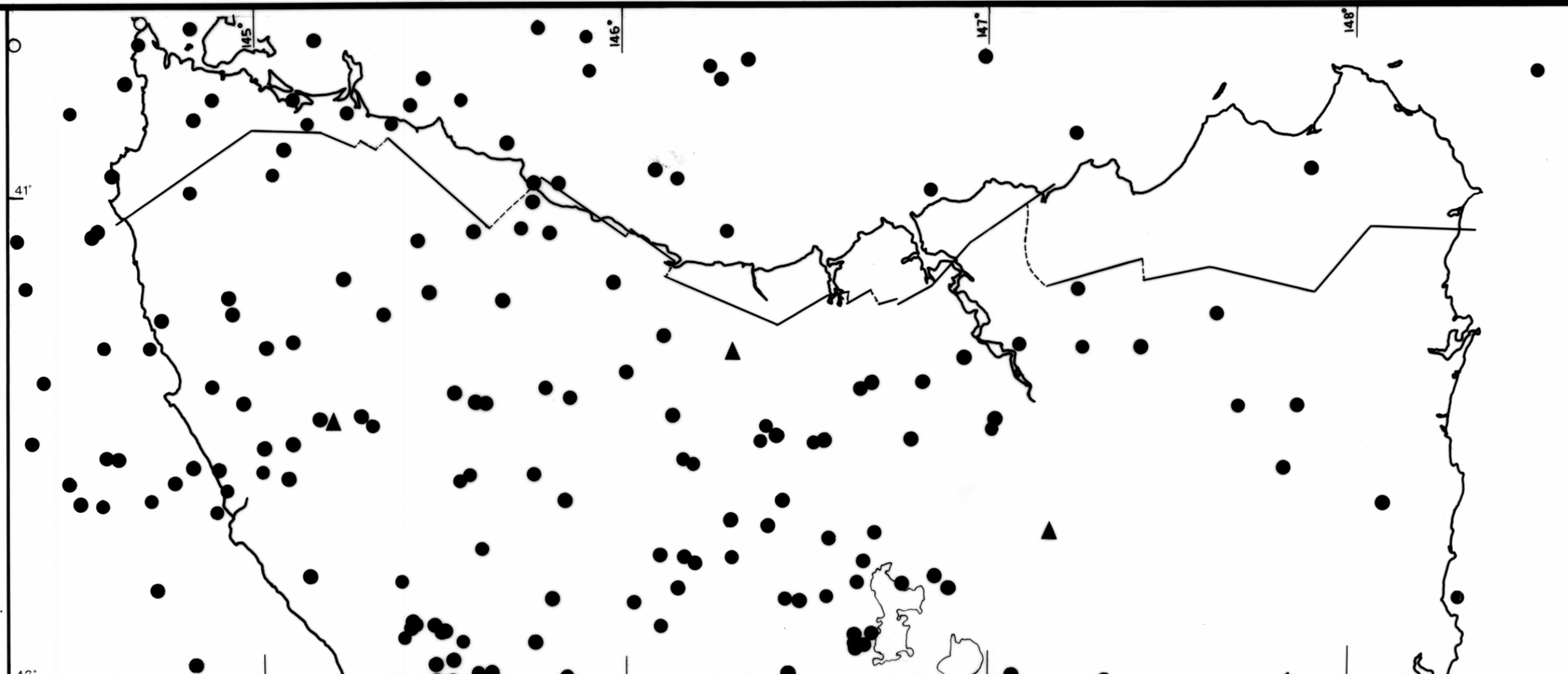
SOURCE DIAGRAM

- 1. B.M.R. data base (incorp some 2,3)
- 2. University of Tasmania
- 3. Geological Survey of Tasmania
- 4. Dept. Mines - Tas. Open File 6/8

NOTE - Only data class 3 terrain corrected (1-15 km)

Compiled by D.E. LEAMAN from above sources

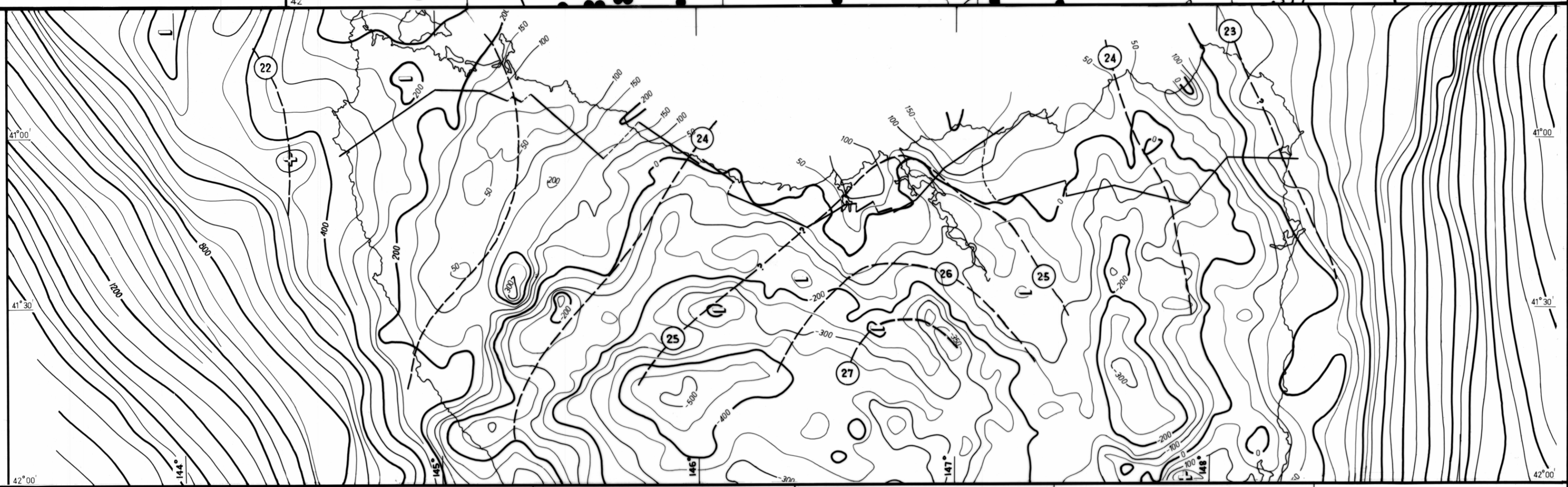
--- Moho depth.] kms.
--- Subject to revision.]
Source: Leaman, D.E., 1979, Unpub. rep. Tasm. Dept. Mines 1979/46 Richardson R. unpublished Ph.D. thesis material University of Tasmania. (1979)



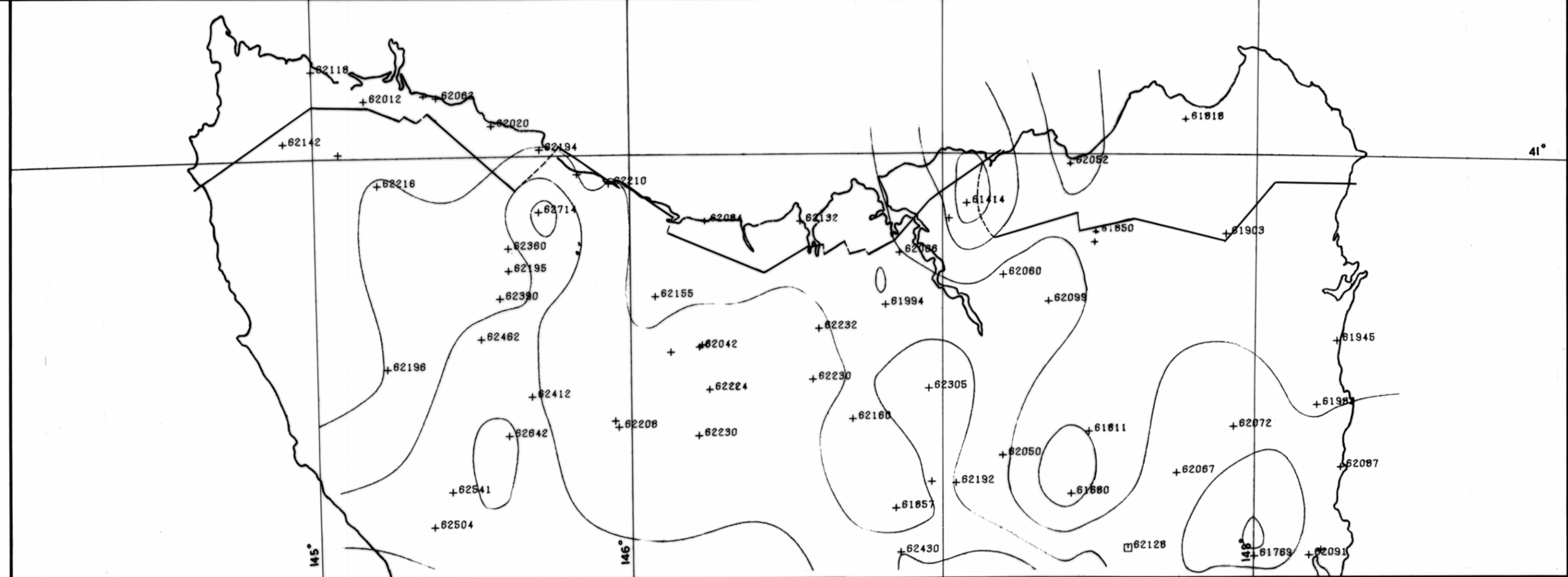
2-LEFT - SEISMIC ACTIVITY FOR THE PERIOD Nov. 1960 - Dec. 1978

- ▲ Recording station
- 75% of events < M2
- 20% " > M2
- 5% " ≥ M3

Reproduced from: Shirley, J.E., 1980 Tasmanian Seismicity - Natural and Artificial Bull. Seismological Soc. V. 70, N°6, p 2203-2220



3 RIGHT - TOTAL GEOMAGNETIC FIELD (F)
Contour levels at 200 nT
Reproduced from unpublished survey by D. Parkinson - University of Tasmania (1979).

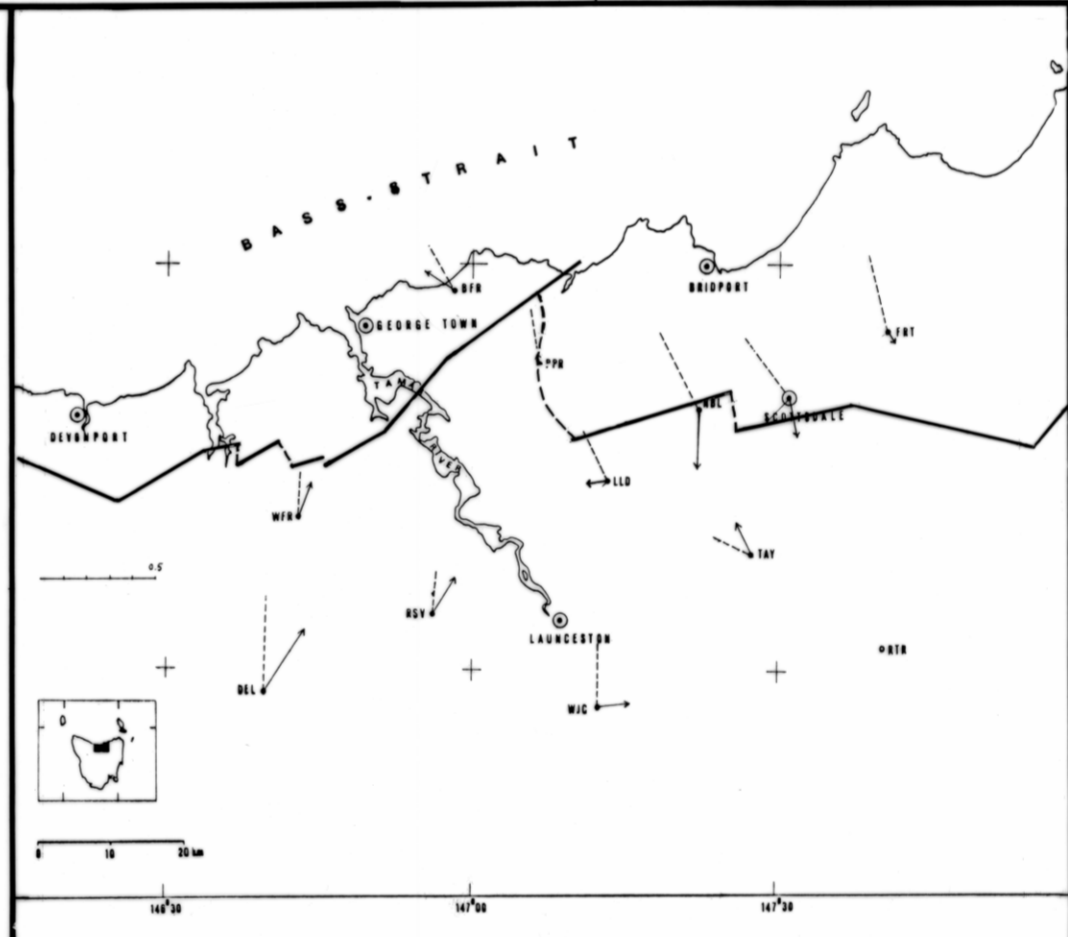


REGIONAL GEOPHYSICAL DATA - NORTHERN TASMANIA

Maps 1-4 Scale 1:1,000,000, Map 5 Scale 1:500,000

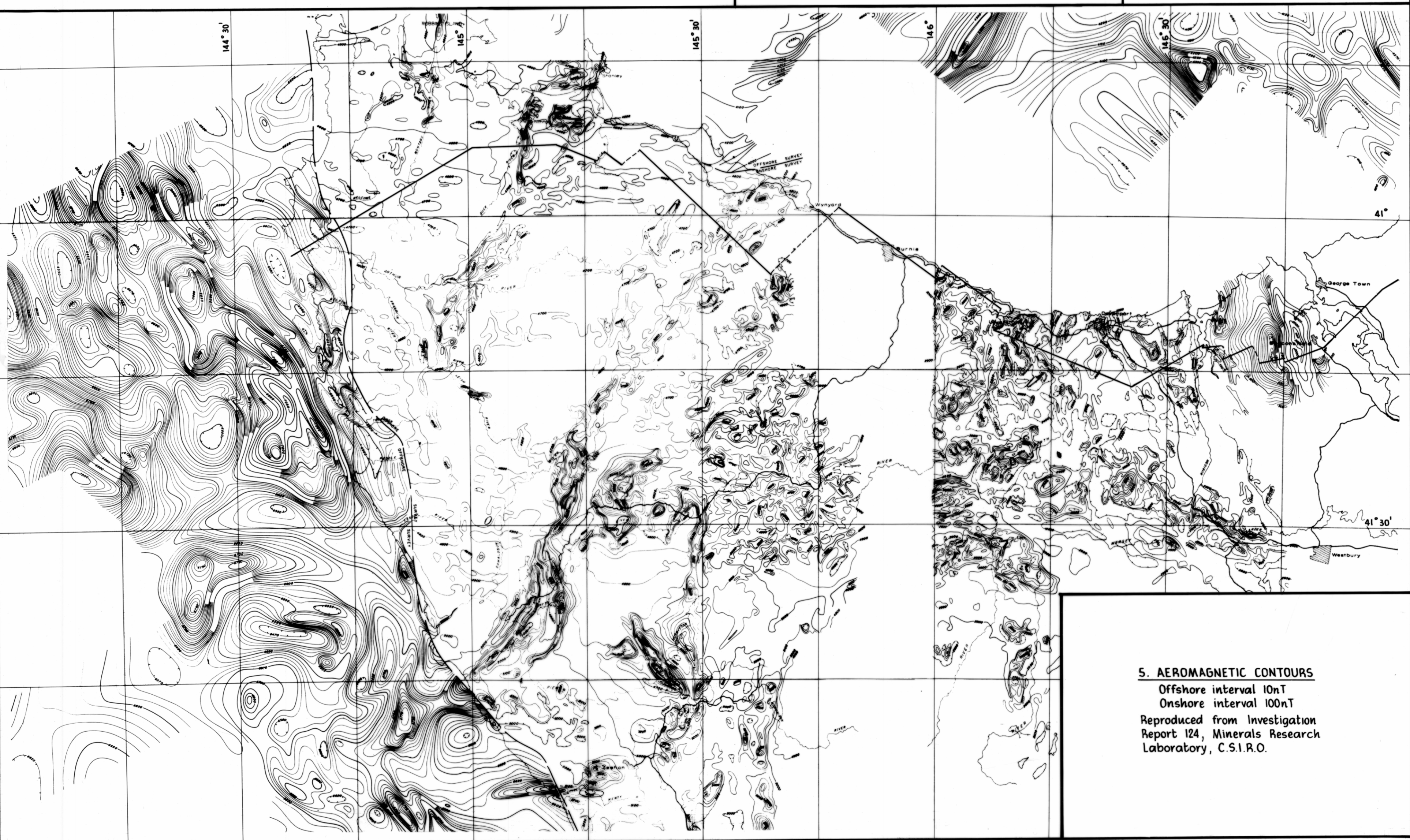
Line of composite geological profile across Tasmania shown on maps 1-5

TASMANIAN DEPT. OF MINES (1979)
Compiled by N.J. Turner



4-LEFT - GEOMAGNETIC DEEP SOUNDING, TAMAR REGION

Induction vectors for a period of 32 mins. Solid line - Z in phase with horizontal, broken line Z out of phase with horizontal.
Reproduced from Unpublished M.Sc. thesis material of Nazkar Buyung, University of Tasmania (1979).



5. AEROMAGNETIC CONTOURS

Offshore interval 10nT
Onshore interval 100nT
Reproduced from Investigation Report 124, Minerals Research Laboratory, C.S.I.R.O.

RIGHT: HEAT FLOW
6a. Contours derived from 1° grid of values.
6b. Contours derived from 3° grid of values.
Reproduced from: Cull, J.P., Denham, D., 1979 - Regional variations in Australian heat flow, B.M.R. Journal of Australian Geology and Geophysics, 4, pp. 1-13.

