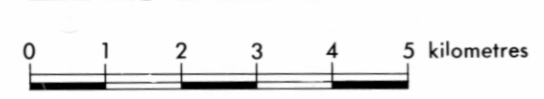


DEPARTMENT OF MINES - TASMANIA
GRAVITY SURVEY
 of the
EASTERN HIGHLANDS
CENTRAL EASTERN TASMANIA



GEOPHYSICS BY D.E.LEAMAN B.Sc. (Hons.) Ph.D.

RESIDUAL BOUGUER ANOMALY

Based on 4 x 4 km. regional.

Contour interval: 10 $\mu\text{m}/\text{s}^2$

Terrain correction applied, $r = 19\text{km}$

Density = 2.67 t/m^3

⊕ Absolute sign.
 ⊕ Relative sign.

SKETCH GEOLOGY

- Recent marsh deposits.
- Recent miscellany - gravel, alluvium, sand.
- Pleistocene talus.
- Tertiary sands, clays.
- Tertiary basalt.
- Jurassic dolerite.
- Triassic undifferentiated (incl. coal measures).
- Permian undifferentiated.
- Devonian granite, adamellite, porphyry, granodiorite (grd).
- Ordovician - Devonian undifferentiated.

SOURCES:

D.E.Leaman; R.H.Castleden;
 1 : 250000 sheets Oatlands, Launceston.

Figure 11