



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

0 1 2 3 4 5 kilometres

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

RESIDUAL BOUGUER ANOMALY

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