



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.

**ANOMALY CONTRIBUTION DUE TO SHALLOW
 BASEMENT (UPPER CRUSTAL) EFFECTS**

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

Anomalies derived from separation of the regional bouguer anomalies based on 4 x 4 km and 16 x 16 km grid filters.

Sign convention: 16 km filter minus 4 km filter. Effect is to produce signs opposite to those used for anomaly calculations using normal density contrast relationship. Thus positive features on this map represent negatively attracting masses in the upper crust.

Figure 12