



- OTHER GEOLOGICAL UNITS**
- QUATERNARY**
    - Q Thick cover predominantly glacial with fluvial & alluvial
  - TERTIARY**
    - T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
    - Tb Basalt
  - JURASSIC**
    - Jd Dolerite
  - PERMIAN**
    - P Undifferentiated sedimentary rocks
  - SILURO-DEVONIAN**
    - SD Undifferentiated sedimentary rocks (incl Eldon Group)
  - ORDOVICIAN**
    - O Gordon Limestone and correlates
  - LATE CAMBRIAN - EARLY ORDOVICIAN**
    - EOc Owen Conglomerate (incl Pioneer Beds, Newton Creek Sandstone)
  - CAMBRIAN**
    - E Undifferentiated sedimentary rocks (incl Dundas Group, Crimson Creek Formation)
    - Eg Granite (Murchison, Darwin Granites)
    - Eu Ultramafic rock
  - PRECAMBRIAN**
    - PE Undifferentiated metamorphic rocks

- MOUNT READ VOLCANICS**
- E1 Tyndall Group (including Jukes Breccia, Comstock Tuff, Tyndall lavas)
- EASTERN SEQUENCE**
- Ee, Sticht Range sedimentary sequence
  - Selina Spicer Sequence
    - Ee, Volcanics
    - Ee, Volcaniclastic conglomerate
    - Ee Undifferentiated
  - Ee, Jukes-Darwin sequence
- CENTRAL SEQUENCE**
- Ec, Main belt feldspar phryc volcanics
  - Ec, Quartz phryc volcanics
  - Ec, Major andesitic units
  - Ec, Major sedimentary horizons
- WESTERN SEQUENCE**
- Ew, Quartz feldspar porphyry
  - Ew, Predominantly volcanic
  - Ew, Predominantly sedimentary

- approximate geological boundary
- - - - - inferred geological boundary
- - - - - unconformity
- - - - - fault (approximate)
- - - - - fault inferred
- ~ ~ ~ anticline
- ~ ~ ~ syncline

Note - This coded map has been prepared empirically from the distribution of Pb values averaged over nominal sets of ten adjacent soil samples.

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- ⊗ Major Mine Working
- ⊙ Drill Hole
- E.L. Boundary
- M.L. Boundary
- ≥ 80 ppm
- ▨ 50-79 ppm
- 25-49 ppm
- 0-24 ppm



**GETTY - E-Z - MT. LYELL**  
 COMPILATION PROJECT TASMANIA

**GEOLOGY** 5 cm

**CODED DISTRIBUTION OF LEAD IN SOILS**

Sheet 1 Date June 82  
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GRID PRINTED AT 3:00 MAP SERIES BASED ON 1:50000 INTERVALS OF AUSTRALIAN MAP GRID  
 Overlay 28(1) of 1:50000 Dundas compilation, Tasmania