



- OTHER GEOLOGICAL UNITS**
- QUATERNARY**
- Q Thick cover, predominantly glacial with fluvial & alluvial
- TERTIARY**
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- JURASSIC**
- Tb Basalt
  - 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**
- Eo 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 felspar-phyrlic volcanics
  - Ecc, Quartz-phyrlic 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: Each value records the average abundance of Mn in a nominal set of ten adjacent soil samples. Ticks record the traverse interval involved in each set.

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- ⊗ Major Mine Working
- ⊕ Drill Hole
- E.L. Boundary
- M.L. Boundary



SCALE 1:50 000

5 cm

5 KILOMETRES

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

**GEOLOGY - INT** 5 cm

**REGIONAL DISTRIBUTION OF MANGANESE IN SOILS**  
 Sheet 1 Date June 82  
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GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID  
 Overlay 26(1) of 1:50000 Dundas compilation Tasmania