

**Mt. Lyell Mine Lease Grids**

Birney & Douglas, 1934-36	Mt. Lyell Files	E.P.
BMR, 1949	Record No. 1958/III	E.P.
Rochette, 1958	Mt. Lyell Files	Turam
BMR, 1959-67	Record Nos. 1957/50, 1959/58, 1965/94, 1966/103 & 1967/100	Turam
SD, 1948-67	Record Nos. 1958/III & 1967/100	S.P.
CGG, 1971	Mt. Lyell File No. 14	S.P.

**Roaring Meg Grid**

Pickands Mather, 1967

Mt. Lyell Files (2 reports)  
Dip Angle E.M. (no results held)  
Coverage shown is geochemical survey

**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 Ocean 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**

- Et 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-phyric volcanics
- Ec Quartz-phyric volcanics
- Ec Major andesitic units
- Ec Major sedimentary horizons

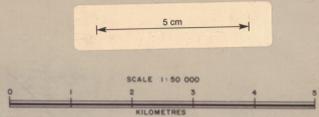
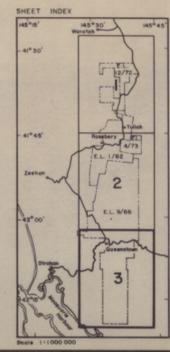
**WESTERN SEQUENCE**

- Ew, Quartz-feldspar porphyry
- Ew, Predominantly volcanic
- Ew, Predominantly sedimentary

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

Highway, Main Road  
 Vehicular Track  
 River, Creek  
 Railway

Major Mine Working  
 Drill Hole  
 E.L. Boundary  
 M.L. Boundary



**GETTY - E-Z - MT. LYLELL**  
 COMPILATION PROJECT, TASMANIA

**GEOLOGY - INTERPRETATION**  
 E.M., S.P., GRAVITY & APPL'D POT.  
 COVERAGE

Sheet 3 Date June '82

GRID DENOTES 1:50000 MAP SERIES BASED ON 1000M INTERVALS OF AUSTRALIAN MAP GRID  
 Overlay 17(III) of 1:50000 Dundas compilation, Tasmania