



**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. Eidon 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**

**EASTERN SEQUENCE**

- Ee Sticht Range sedimentary sequence
- Selina Spicer Sequence
  - Ev Volcanics
  - Ev Volcaniclastic conglomerate
  - Eu Undifferentiated
- Jukes-Darwin sequence

**CENTRAL SEQUENCE**

- Ec Main belt feldspar-phryic volcanics
- Eca Quartz-phryic volcanics
- Ecj Major andesitic units
- EcK Major sedimentary horizons

**WESTERN SEQUENCE**

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

**SYMBOLS**

- 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

**SCALE**

SCALE 1:50 000

5 cm

5 km

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