



LEGEND

OTHER GEOLOGICAL UNITS

- TERTIARY**
 SD Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- SILURO-DEVONIAN**
 SD Undifferentiated sedimentary rocks (incl Eldon Group)
- ORDOVICIAN**
 O Gordon Limestone and correlatives
- 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

MOUNT READ VOLCANICS

- Et Tyndall Group (incl Jukes Breccia Comstock Tuff, Tyndall lavas)
- Eej Volcaniclastic sediments, quartz-phiric ignimbrites
- Ec Jukes-Darwin Ridge rhyolitic lavas & minor sediments
- Ewp Quartz-feldspar porphyry
- Ewv Predominantly volcanic, main sediment lenses

--- E.L. Boundary

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

**Mineralized showings:**

- //// zone of significant hydrothermal alteration & mineralization  
 ⚡ Hard rock  
 ⚡ Alluvial

APPROXIMATE AREA COVERED BY JUKES-DARWIN SAMPLING PROGRAMME 1983-84

5 cm

418282

**GOLD FIELDS EXPLORATION PTY. LIMITED**

**JUKES - DARWIN**

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**INTERPRETATIVE GEOLOGY & MINERALIZED AREAS**

SCALE 1:50,000



|             |                     |
|-------------|---------------------|
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**FIG. 43**