



Geology  
EXPLANATION

- Tertiary volcanics
  - [Tr] Rhyolite-felsite
  - [Tl] Latite
  - [Tda] Dacite
  - [Ta] Andesite
- Tertiary intrusives
  - [Tgm] Quartz monzonite (unassignable)
  - [Tgr] Granite and granite porphyry of the Styx River Batholith
  - [Td] Diorite and metadiorite possibly related to the Mount Estelle Batholith
- Paleozoic(?) sediments
  - [Ps] Argillite, siltstone, black shale, conglomerate, chert, quartzite
- Area of alteration (indicated by dots)
- Outline of iron stain (indicated by a dashed line)
- Fault or shear zone (indicated by a line with a central dash)
- Inferred fault (indicated by a line with a central dash and a perpendicular tick)
- Rock unit contact (indicated by a solid line)
- Inferred contact (indicated by a dashed line)
- Concealed or interpreted contact (indicated by a dotted line)
- Strike and dip of bedding (indicated by a line with a perpendicular tick and a dip symbol)
- Vein (quartz-chalcopyrite) (indicated by a line with a central dash and a perpendicular tick)

Scale: 1 inch = 1000 feet  
 0 1000 2000 3000

Prepared from field work done during 1973 and 1974.

**ARLIS**  
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CHILLIGAN

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