

Giant Copper

883352

Location

- 40km east of Hope, B.C.

Access

- all-weather gravel roads

Land

- 171 claims (195 units) including 8 crown-grants covering 2,880 ha

Ownership

- 100% owned by Imperial Metals

History

- 1930:
 - discovery
- 1933 to 1980:
 - extensive underground development, diamond drilling, and geochemical and geophysical surveys
 - **production:**
 - 96.8 tons grading 113.65 oz/ton Ag, 10.9% Pb, 11.8% Zn between 1933 and 1941
- 1988 to 1996:
 - reverse-circulation and diamond drilling, geochemical and geophysical surveys

Geology

- Cu-Au-Ag mineralization in breccia (AM Zone)
- Cu-Au-Ag mineralization in quartz-tourmaline veins and fractures cutting intrusive rocks (Invermay Zone)

Deposit Type

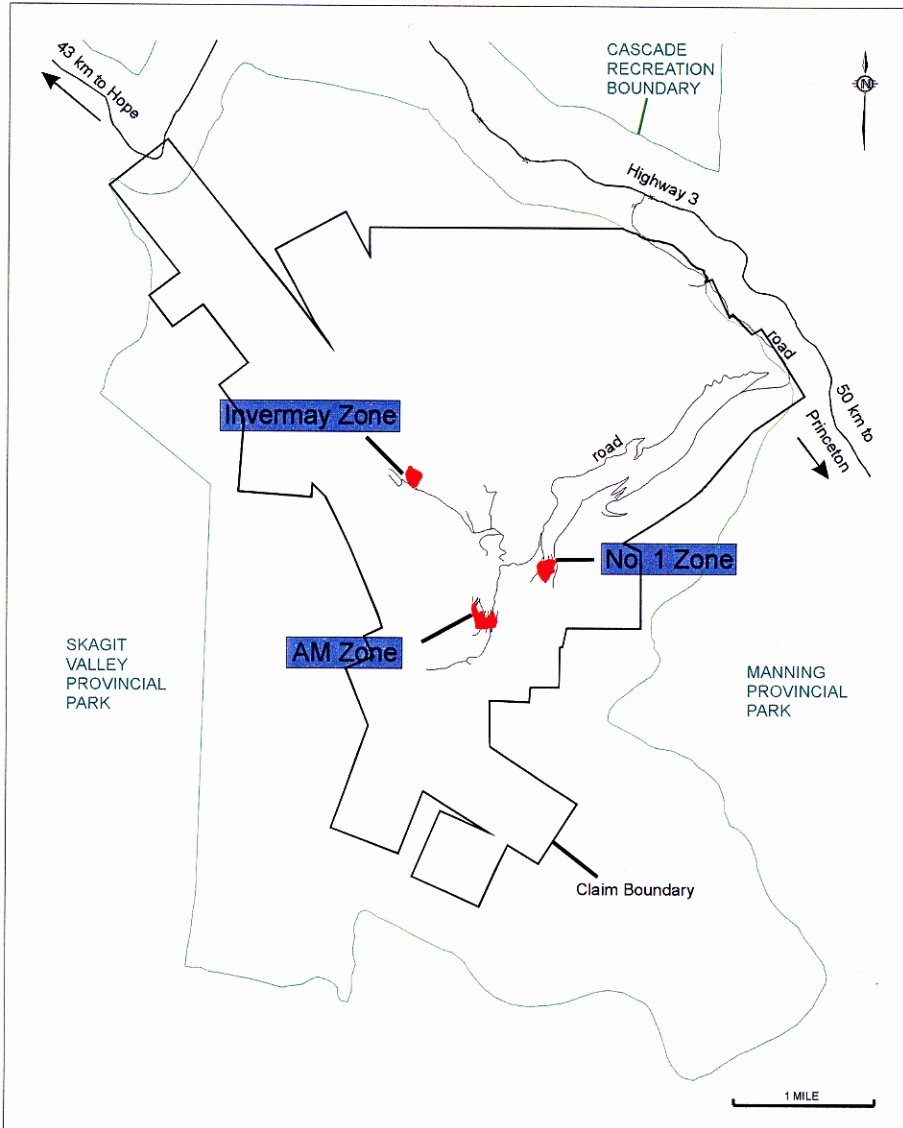
- subvolcanic Cu-Ag-Au porphyry
- **examples:** Recsk (Hungary) - 1,000M tonnes @0.8% Cu
Equity Silver (B.C.) - 32M tonnes @0.34% Cu, 1.1g/t Au, 101g/t Ag

Reserves

- **AM Zone:**
 - open pittable resource - 29.5M tons @0.65% Cu, 0.011 oz/ton Au, 0.360 oz/ton Ag, 0.007% Mo, (stripping ratio: 4.25 : 1)
- **Invermay Zone:**
 - geological resource - 16.9M tons @0.21% Cu, 0.011 oz/ton Au, 0.255 oz/t Ag

→ Giant Copper
Jan. 30/97

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Highlights

• AM Zone

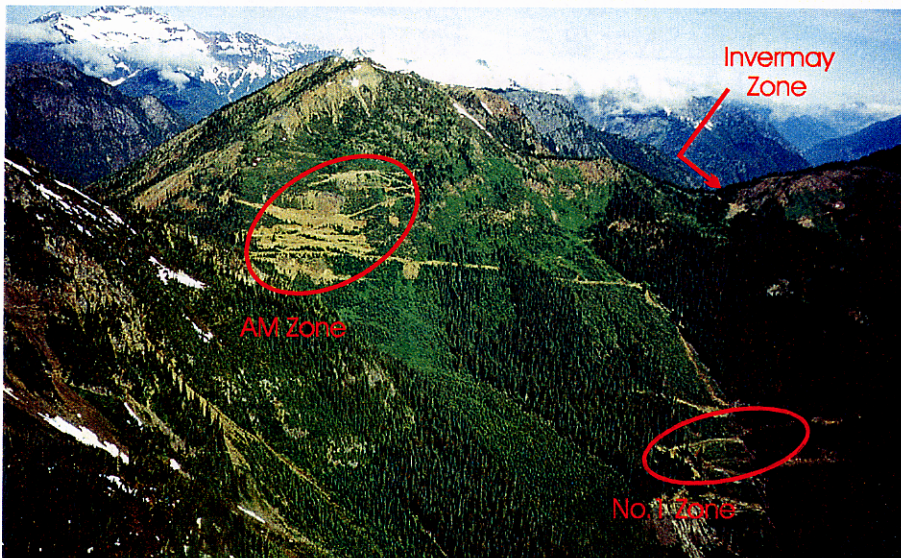
- open pittable resource:
 - 29.5M tons @
 - 0.65% Cu
 - 0.011 oz/ton Au
 - 0.360 oz/ton Ag
 - 0.079 % Mo

• Invermay Zone

- geological resource:
 - 16.9M tons @
 - 0.21% Cu
 - 0.011 oz/ton Au
 - 0.255 oz/ton Ag
- drill-hole GCS96-3:
 - 154.86 ft @
 - 0.35% Cu
 - 0.012 oz/ton Au
 - 1.569 oz/ton Ag

• No.1 Zone

- drill-hole GCR 89-5:
 - 20.01 ft @
 - 1.46% Cu,
 - 10.71% Pb
 - 4.84% Zn
 - 27.668 oz/ton Ag



1996 Exploration

• objectives

- enhance known reserves
- develop new targets

• work

- airborne geophysics
- geochemistry
- prospecting
- ground geophysics
- diamond drilling

• budget

- \$700,000