

Island's West Coast**Sydney Inlet**

N of Tofino and S of Gold River, the outer (W) coast of Vancouver Island is accessible only by water. Spectacular fiords, misty mountains and complex topography make for a great trip. The area is overlain by the same Jurassic (and older) metamorphics that are found in Victoria and E of Uclulet.

93 MINFILE NUMBER: 092E 011

NAME(S): INDIAN CHIEF, MEPHISTOPHELES, BRUTUS

STATUS: Past Producer

Underground

NTS MAP: 092E08W

UTM ZONE: 09

LATITUDE: 49 26 52

NORTHING: 5480493

LONGITUDE: 126 18 38

EASTING: 694938

ELEVATION: 0502 Metres

LOCATION ACCURACY: Within 500M

COMMENTS: Bonthorne adit 1.2 km W of Stewardson Inlet, off Sydney Inlet, due N of Hot Springs Cove. Not the sort of place for a Sunday field trip, but if you happen to be passing ...

COMMODITIES: Copper

Silver

Gold

Magnetite

MINERALS

SIGNIFICANT: Magnetite

Bornite

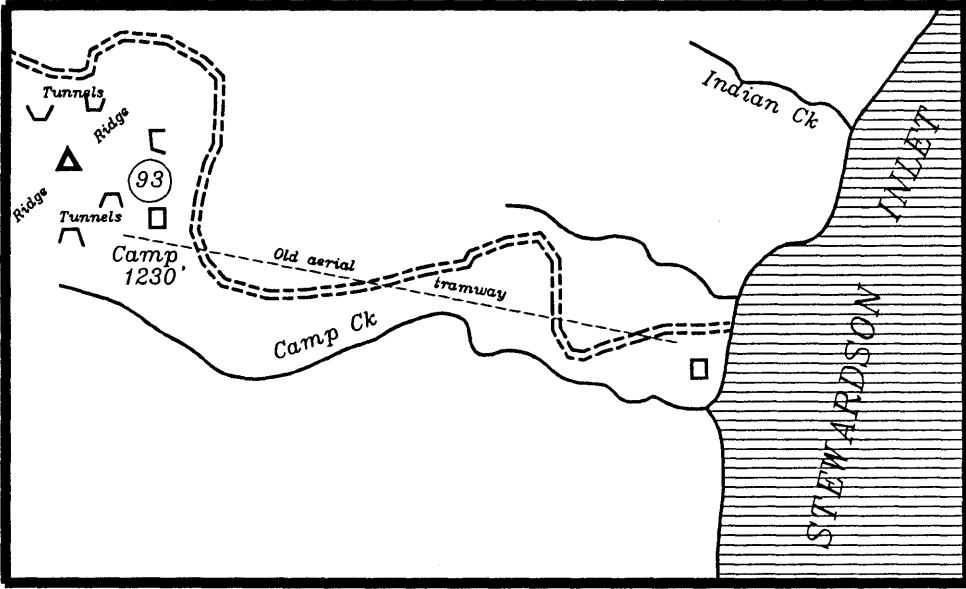
Chalcopyrite

ASSOCIATED: Pyrite

Mineralization consists of magnetite, bornite, chalcopyrite and pyrite. Higher copper grades occur in the fault zones and near the intrusive-limestone contacts. Magnetite occurs throughout the skarn and was reported to be of sufficient quantity to be recovered although production records do not show this.

Production, between 1904 and 1938 was intermittent. Inferred (possible) reserves for the Indian Chief are 1,360,000 tonnes grading 1.6% copper.

For the record, the water at Hot Springs Cove surfaces at a temperature of 51 degrees celsius, and flows at a rate of 0.4 million litres per day from a 15cm shear zone that strikes 290 degrees. Total salinity is reported at 0.48 parts per thousand (sea water is about 32 ppt).



Map Site No.: 93

