

802630

Name: Copper Chief (C.H., Trout Lake); Trout Lake used in Northern Miner

Location: NTS Area 82 K/12
Lat. 50° 38' 15" Long. 117° 36' 10"
Mining Division: Revelstoke
- property located approx. 35-40 miles SW of Revelstoke and 3 miles W-SW of Trout Lake village on Hwy. 31

Owner: Newmont Exploration of Canada Ltd. (55%) -
manager and operator
Imperial Oil Ltd. (45%)

Description: molybdenum within granodiorite intrusive/mineralization associated with quartz veins

Reserves: no complete tonnage and grade figures published as yet/"depths from 300 to 670 metres at grade of .2% to .4% molybdenite (per ton)" (Northern Miner, Feb. 22/79)

Development:

- 1898 - molybdenum in quartz veins reported
- 1902 - molybdenum showings reported
- 1917 - Copper Chief Mining Syndicate - open cut
- 1969-70 - Cascade Molybdenum Mines Ltd. option property from private sources; mapping, trenching, drilling - 7 holes, 3,256'
- 1975-76 - Newmont Exploration option; mapping, geophysical and geochemical surveys, drilling - 9 holes, 9,306' (1976)
- 1977 - Joint venture agreement between Newmont and Imperial Oil Ltd.; deep drilling, adit, Newmont carrying out further exploration in 1979

Potential Underground (?)
Operation:

Impediments: Environmental (?)

Comments:

- property at an elevation of 5,000'
- property accessible by jeep road from Hwy. 31 (Northern Miner, May 14, 1978)
- the decision for a feasibility study will be made after extensive underground development including an adit is completed. A decision for underground development will be made after 1979's deep drilling (Northern Miner, Feb. 22, 1979)
- (Northern Miner, Feb. 22, 1979) "Comments Imperial Oil: Grades of molybdenite currently being mined underground in other places in North America are in this range (.2% to .4% molybdenite per ton)."