

NAME OF PROPERTY TEL ("A")

OBJECT LOCATED - Plot on Map 69-1.

UNCERTAINTY IN METRES	500.	Lat. 54°29'	Long. 127°40'
Mining Division	Omineca	District	Range 5 Coast
County		Township or Parish	
Lot		Concession or Range	
Sec	Tp.	R.	

OWNER OR OPERATOR AND ADDRESS

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between elevations of 3,500 and 6,000 feet at the head of the Telkwa River, 29 miles south-west of Smithers.

The "A" group of 90 claims was held during 1965-1967 by Phelps Dodge Corporation of Canada, Limited. Work during 1965-1966 included geological mapping, trenching, and 2,453 feet of diamond drilling in 4 holes. In 1967 a geochemical survey, and 103 feet of packsack diamond drilling in 8 holes was carried out.

The ground was restaked in February 1971 by Tye Lake Resources Ltd. as the TEL 1-72 claims; all but 20 claims (TEL 29-38 and 51-60) were allowed to lapse. A geochemical soil survey carried out in 1972 indicated two anomalous zones. General prospecting was reported on the property in 1973. The claims were allowed to lapse in March 1974.

DESCRIPTION OF DEPOSIT

Hazelton volcanic tuffs and flows, of Jurassic age, are intruded by the Howson Batholith. Copper mineralization is found in the intrusive rock and in the overlying volcanic units in fractures and disseminations. Bornite and chalcopyrite occur in veins and fractures in feldspar porphyry. The volcanics are cut by numerous fracture sets of various attitudes. In the bottom of the canyon of the Telkwa River are two areas of pervasive pyritization about 2,500 and 1,000 feet in diameter. Fine grained disseminated pyrite occurs in each zone in interstices and tiny hairline veinlets in grey quartz latite and dacite. Sampling in 14 widely spaced trenches along a total length of 880 feet gave a weighted average of 0.16% copper and 0.24 ounce per ton in silver.

Associated minerals or products of value - Silver.

120386*

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1965, p. 76;
 1966, p. 91; 1967, p. 100.

Mineral Policy Sector; Corporation Files: "Tyee Lake
 Resources Ltd."

Geology, Exploration, and Mining; British Columbia Dept. of
 Mines: 1972, p. 382.

MAP REFERENCES

#Map 69-1, Smithers, Hazelton, Terrace Areas, (Geological
 compilation), Sc. 1":4 miles, British Columbia Dept.
 of Mines.

Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":4 miles,
 Paper 44-23, Geol. Surv. of Canada.

*Map 93 L/5, Burnie Lake, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-75						