

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

BC & ZINC CLAIMS (CU CLAIMS),
BOWLER CREEK

OBJECT LOCATED - #139, Map 82 M (MI) (Bowler Creek Zone).
OBJET LOCALISÉ

UNCERTAINTY 500 m
FACTEUR D'INCERTITUDE

Lat. 51°00'30" Long. 119°30'40"

Mining Division Division minière	Kamloops	District District
County Comté		Township or Parish Canton ou paroisse
Lot Lot		Concession or Range Concession ou rang
Sec Sect.	Tp. Ct.	R. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The claims are underlain by interbedded phyllites and greenstones of the Eagle Bay Formation of Palaeozoic or earlier age. On CU 1 and 2 claims galena and sphalerite are in places finely disseminated in siliceous phyllite. On CU 3 and 4 there are several exposures of pyrrhotite in siliceous phyllite, accompanied by some magnetite and minor chalcopyrite. On CU 5 and 6 several lenses or bands of massive magnetite have been located.

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located at approximately 5,200 foot elevation on Adams Plateau near the head of Bowler Creek, a tributary of Scotch Creek, some 40 miles northeast of Kamloops.

Giant Metallics Mines Limited, incorporated in July 1964, acquired 40 claims in the area. Initial work on the property included bulldozer stripping, and diamond drilling in one hole which cut low copper values and 34.5% iron. The company holdings were subsequently expanded to about 150 claims, including the Mosquito King property. Induced potential and magnetometer surveys were carried out in 1966 and a geochemical soil survey in 1967. Chalcopyrite is associated with a large pyrrhotite-pyrite zone 3 miles south of the Mosquito King property. Here large scale dozer stripping was followed by sampling. In all, 9 large areas were tested with 134 samples. The arithmetical average is 0.09% copper with the highest assay running 0.44% copper but the average sample being in the 0.07% to 0.10% range. One hole drilled in 1967 intersected isolated areas of low-grade copper. A quarter mile west of the pyrrhotite zone the company stripped another large area referred to as the magnetite zone. Eighteen samples resulted in a slightly higher copper grade (0.21%) than the pyrrhotite zone. Two diamond drill holes in this zone in 1967 indicated a 45° dipping zone about 90 ft in thickness and grading 0.13% copper. The claims covering these showings apparently lapsed in later years.

Orell Copper Mines Ltd., incorporated in 1969 by principals who had been associated with Giant Metallics Mines, acquired the CU 1-8 claims covering these showings. Prospecting was reported during 1973-74. The showings were subsequently restaked as the BC 1-4 and Zinc claims (50 units). Craigmont Mines Limited optioned the property and during 1976-78 carried out geophysical surveys over 30 line kilometres, a geochemical soil survey (575 samples), and 1,607 metres of diamond drilling in 17 holes on the Zinc and BC 1 & 2 claims. Based on this work indicated reserves on the Zinc claim (former CU 1 claim) were estimated at 163,000 tons averaging 0.19% Cu, 0.53% Pb, 2.43% Zn, 0.25% Cd, .001 oz/t Au, 1.45 oz/t Ag. Drill indicated reserves in the Bowler Creek Zone of the BC claim (former CU 5 claim) were estimated at about 200,000 tons averaging 2.7% Zn, 1.0% Pb, 0.2% Cu, 1.6 oz/t Ag (J.M. Black,

p.t.o.

15th April, 1981 - in Orell Resources Ltd., Statement of Material Facts 109/81).

In 1980 Orell Copper changed its name to Orell Resources Ltd. Work in 1982-83 included a ground EM survey over 8.7 km and limited trenching and drilling. Drill indicated reserves in the Bowler Creek Zone were reported as 171,500 tons at 2.43% Zn, 0.53% Pb, 1.45 oz/t Ag (Killick Gold Company Ltd Statement of Material Facts 28/01/85); the company name was changed to Killick Gold in July 1984.

Noranda Exploration Company, Limited optioned the property and adjacent ground in December 1983. Work in 1984-85 included airborne and ground geophysical surveys, geochemical soil surveys and diamond drilling in two holes.

††Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1974, p. 95; 1976, p. E 59; 1977, p. E 87; 1978, p. E 101.

†Hainsworth, W.G.; Report on Giant Metallics Mines, Adams Plateau, pp. 11, 15 - in Consolidated Giant Metallics Statement of Material Facts, July 13, 1973.

Mineral Policy Sector; Corporation Files: "Consolidated Giant Metallics Ltd."; "Orell Copper Mines Ltd."

Black, J.M.; Report on the Mosquito King and Bowler Creek Groups, April 15, 1981, in Orell Resources Ltd. Statement of Material Facts 109/81.

Exploration in British Columbia; British Columbia Dept. of Mines: 1982, p. 107.

George Cross News Letters: 1984, Nos. 37, 157, 174; 1985, Nos. 33, 45, 242.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 48-1963, Adams Lake, (Geol.), Sc. 1":4 miles.

*Map 82 M/4, Adams Plateau, (Topo.), Sc. 1:50,000.

Map 5320 G, Adams Plateau, (Aeromag.), Sc. 1":1 mile. (1968).

#Map 82 M (MI), Seymour Arm, Sc. 1:250,000, (Mineral Inventory) B.C. Dept. of Mines.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR	DMacR				
Date Date	12-77	10-81	02-86				