

PRODUCT PRODUIT	SILVER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 82 M/4 RÉGION DU S.N.R.C.	REF. AG 2 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

MOSQUITO KING

OBJECT LOCATED - Main showings.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 51°02'50" Long. 119°30'40"

Mining Division Kamloops District
Division minière

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 area is underlain by a thick assemblage of metamorphic rocks of probable Palaeozoic or earlier age. The principal rock types in evidence are dark grey and brown phyllite, sericitic schist and greenstone schist, sericitic quartzite and limy phyllite. For the most part these bedded metamorphic rocks strike northeast and dip 10-40 degrees northwest. The metamorphic rocks are cut by fairly small dykes of fine-grained diorite and in a few places by dyke-like bodies of granite porphyry. The Mosquito King mineralization occurs as a selective replacement of several thin, closely proximate beds, and has been traced for 3,000 feet along strike. The replaced beds are the major control but they are by no means uniformly or even continuously mineralized. The dominating sulphides are pyrrhotite, pyrite, galena, and sphalerite. At the main showing the mineralization varies in thickness from 2 to 10 feet and would average about 5 feet. Drilling indicated the mineralization weakens at depth both in grade and width. In the Ball Park area mineralization was exposed by bulldozing over an area approximately 500 by 80 feet; an average thickness of 5 feet is assumed.

Associated minerals or products - Lead, zinc.
Minéraux ou produits associés

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

The main Mosquito King showings are located at about 5,700 foot elevation on a ridge between Nikwikwaia (Gold) Creek and Kwikoit Creek, on Adams Plateau, some 45 miles northeast of Kamloops. Other showings are located to the west in an area referred to as the "Ball Park".

Showings in this vicinity had been known to the Bischoff Bros. for a number of years prior to their staking of the Mosquito King group of 8 claims in 1928. Sporadic activity to 1931 included further prospecting and open cutting. No further activity was reported and the property was subsequently acquired by I.W. Solloway and Associates of Vancouver. In 1949 they optioned the property to The Consolidated Mining and Smelting Company of Canada Limited. Work by the company included trenching, and 2,861 feet of diamond drilling in 20 holes on Mosquito King Nos. 4 and 5 and Sunset No. 2 claims. The option was given up the following year. Shuswap Mines, Ltd. was incorporated in 1950 by Solloway and Associates to acquire the 75 claim property, however, no further activity was reported.

Giant Metallics Mines Limited in 1965 acquired the Garnet, D, S, and Pat claim groups covering the showings formerly held as the Mosquito King. Subsequent staking expanded the property to about 150 claims. The company also acquired the adjacent EX property (82 M/4, Pb 2). Work during 1966 included geological mapping, magnetometer and induced potential surveys over 40 line-miles, a soil geochemical survey, bulldozer trenching and stripping, and some 3,200 feet of diamond drilling over various areas of the property. Exploration work during 1967 included a geochemical soil survey (2,000 samples), and gravity and electromagnetic surveys over about 39 line-miles. Diamond drilling was done in 3 holes in the vicinity of those drilled by the Consolidated Mining and Smelting Company in 1949. During 1969 electromagnetic surveys were carried out over isolated target areas. In addition, a Bouguer Gravity survey was carried out over the main Mosquito King showings and in the "Ball Park" area to the west. Stripping of overburden was carried out on the Mosquito King showings in 1971.

Indicated reserves were estimated in 1971 as follows:

		Ag oz/ton	Pb %	Zn %
Mosquito King	21,000 tons	10	15	10
Ball Park	20,000 tons	10	15	10

see Card 2

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Production data has been listed under Mosquito King, EX for 1972 and 1973. The 1972 production has been attributed to the Lucky Coon (82 M/4, Pb 1). The 1973 production has been arbitrarily credited to the EX property (82 M/4, Pb 2).

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:
 1928, p. 210; 1930, p. 186; 1931, p. 106;
 1934, p. D 29; 1936, p. D 40; 1949, pp. 134-136⁺; 1966, p. 146; 1967, p. 134.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1970, p. 317; 1971, p. 436; 1972, p. 85; 1977, p. E 90; 1978, p. E 103.

Zachanko, V.; General Report on Giant Metallics Mines - in Giant Metallics Mines Limited Statement of Material Facts, May 17, 1971.

⁺⁺Hainsworth, W.G.; Report on Giant Metallics Mines, Adams Plateau - in Consolidated Giant Metallics Ltd. Statement of Material Facts, July 13, 1973.

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

George Cross News Letters: 1983, No. 5; 1985, Nos. 33, 195.

Exploration in British Columbia; British Columbia Dept. of Mines: 1980, p. 138.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

#Plan of geology, showings and claim groups, southern half of Adams Plateau, Fig. 12, Report of Minister of Mines, British Columbia, 1949, p. 133.

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

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR	DMacR				
Date Date	12-77	07-81	02-86				

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 82 M/4
RÉGION DU S.N.R.C.

REF. AG 2
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

MOSQUITO KING

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

(Zachanko, V., Report on Giant Metallics Mines - in Giant Metallics Statement of Material Facts, May 1971, p. 13).

The company name was changed in 1973 to Consolidated Giant Metallics Ltd.

Orell Copper Mines Ltd. in December 1974 acquired 14 claims, including the MK 1-4 (46 units), and the A - 1 and A - 2, the latter covering the Mosquito King and Ball Park deposits. In August 1976 the property was optioned to Craigmont Mines Limited, who carried out magnetometer and electromagnetic surveys, a geochemical soil survey (1,140 samples), and 687 metres of diamond drilling in 9 holes; the option was given up in October 1978. During 1979 Orell carried out limited drilling, and shipped 160 tons of ore from the Mosquito King. The company name was changed in May 1980 to Orell Resources Ltd. During 1980 trenching was done on the A - 1 and A - 2 claims and some ore was mined and stockpiled. A 1981 agreement with Lobo Exploration Ltd. called for the installation of a 30 ton per day portable mill and the milling of an approximate 45,000 tons of ore-grade material which should average 7.0 oz/t Ag, 10% Pb, 8.5% Zn, and 0.04 oz/t Au (Northern Miner, April 9, 1981). Some 2,000 tons were reported hauled to the millsite and 5 tons milled in 1982. Trenching was done in 1983. The company name (Orell) was changed in July 1984 to Killick Gold Company Ltd. Reserves on the A-1 and A-2 claims were reported as drill indicated:

<u>Tons</u>	<u>Zn (%)</u>	<u>Pb (%)</u>	<u>Ag (oz/t)</u>
37,200	2.09	0.83	0.39
5,200	2.60	1.38	0.58

(Killick Gold, Statement of Material Facts, 28/01/85).

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