

PRODUCT PRODUIT	COPPER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA RÉGION DU S.N.R.C.	93 E/13	REF. CU 2 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

NEW MOON (JOW) (PC)

OBJECT LOCATED - #11, Map 93 E (MI).
OBJET LOCALISÉ

UNCERTAINTY 2,000 m
FACTEUR D'INCERTITUDE

Lat.	53°56'30"	Long.	127°46'
Lat.		Long.	

Mining Division Omineca District
Division minière District

County Comté Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Hazelton Group intercalated tuffs, sediments, volcanic flows and coarse pyroclastics are cut by numerous felsic and mafic dykes. Chalcopyrite occurs in association with narrow shear zones and dykes. Float boulders containing high-grade copper mineralization were traced to a source beneath a glacier. Lead-zinc values occur in a vein system near the north end of the property. Drilling in 4 holes confirmed a zone about 1,400' long and average width of 17'. Assay results from trenching and drilling indicate an average grade of 8.85% Zn, 2.98% Pb, 0.038 oz/t Au, 0.80 oz/t Ag (Aggressive Mining AR, 31/08/72).

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

The property is located at elevations of 5,500 to 7,000 feet approximately 4 miles west of Morice Lake and 5 miles southwest of Atna Bay.

The PC 1-36 claims were held by Phelps Dodge Corporation of Canada, Limited in 1968. Work during the year included geological mapping, 692 feet of bedrock trenching, and sampling.

The showings were restaked in 1971 by Aggressive Mining Limited as the JOW 1-20 claims. Work in 1971-73 included magnetometer, electromagnetic and geochemical soil surveys, trenching, and 1,025' of diamond drilling in 5 holes.

The ground was held in 1978 as the Misty Day, Copper Cliff, New Moon and Half Moon claims (52 units) by Charles Kowall of Whale Town, Cortes Island, B.C. Great Plains Development Company of Canada, Ltd. held an option and carried out geological mapping, magnetometer and electromagnetic surveys over 16 km, and a geochemical soil survey (57 samples).

Great Western Petroleum Corporation optioned the Misty Day, Copper Cliff and New Moon claims from Mr. Kowall in February 1981; an additional 8 units (Full Moon claim) was staked in July 81. An airborne magnetometer and VLF electromagnetic survey was carried out in the fall of that year. Great West re-optioned the property to St Joe Canada Inc in 1982; an airborne geophysical survey was carried out.

In 1987, American Reserve Mining Corporation optioned 22 claims consisting of 375 units from Newmont Mines Limited. Apparently American Reserve then dropped the option and in 1989 Lucero Resource Corp. optioned the property. From previous work there was outlined an open geologic reserve of 672,458 tons of 1.9% Pb, 5.8% Zn, 0.45 ounce per ton Ag, 0.029 ounce per ton Au in the Main showing. (Lucero Resource Corp. News Release, May 9, 1990).

Report of Minister of Mines, British Columbia: 1968, p. 140.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1971, p. 146; 1973, p. 323; 1974, p. 244; 1978, p. E 197.

Mineral Policy Sector; Corporation Files: "Aggressive Mining Limited"; "Great Western Petroleum Corporation"; "American Reserve Mining Corporation"; "Lucero Resource Corp".
 Geological Fieldwork, British Columbia Dept. of Mines: 1978, p. 99.

George Cross News Letter: Aug. 26, 1982, p. 2.

Diakow, L.J.; Geology of Nanika Lake Map Area, in Geological Fieldwork 1989, Geological Survey of British Columbia, Paper 1990-1, pp. 83-89, 1990.

British Columbia Geological Survey, Exploration in British Columbia 1988, pp. C154-C155.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1064 A, Whitesail Lake, (Geol.), Sc. 1":4 miles - accomp. Memoir 299, Geol. Surv. of Canada, 1959.

#Map 93 E (MI), Mineral Inventory Map, British Columbia Dept. of Mines.

*Map 93 E/13, Nanika Lake, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	JL					
Date Date	10-83	10-90					