

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

JACKIE (MoS₂)

OBJECT LOCATED
OBJET LOCALISÉ

Intrusive outcrop

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 55°56'50" Long. 129°43'20"

Lat. Long.

Mining Division
Division minière

Skeena

District
District

Cassiar

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 edge of a small quartz monzonite stock forms a crescent-shaped mass along the east edge of Bromley glacier; similar intrusives occur on the north edge of Lost Mountain, indicating the intrusive may continue under the ice and would then be just under ½ mile in diameter. The monzonite intrudes volcanic and sedimentary rocks of the Jurassic Hazelton group. Adjacent to the intrusives at the east edge of the glacier, metaquartzites and impure quartzites contain pyrite and molybdenite in quartz veins and minor veinlets. Larger quartz veins contain galena, sphalerite, pyrite, tetrahedrite, and fine native gold. Apatite was found as a major constituent in lenses within the impure quartzite. Mineralization in the intrusive includes molybdenite as irregular fracture or grain boundary fillings and as randomly disseminated rosettes. Molybdenite also occurs along several northerly trending shear zones which cut the stock and altered sediments. Native gold bearing veins were discovered in the vicinity. Gold assays of 0.8 oz/t across 3 feet and 1.88 oz/t across 2 feet were obtained from one trench.

Associated minerals or products
Minéraux ou produits associés

Gold, silver, lead, zinc, copper,
phosphate

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

The property is located at about 3 500 feet elevation on the east side of Bromley glacier, some 17 km east of Stewart.

Prospector J. Berkosha and associates in 1965 discovered molybdenum mineralization at the east edge of the glacier. The MoS₂ group of 50 claims was staked to cover the showings and adjacent ground (see Goldslide Ck Mo 3 and Camb, Au 9). Hurley River Mines Ltd. optioned the property and carried out geological mapping, rock trenching, and 300 feet of diamond drilling in 1 AX hole at the east side of the glacier. The company reported a large part of the discovery showings represent material containing 0.05 % molybdenite. Hurley River dropped the option in October 1965.

Berkosha and associates in 1967 incorporated Erin Exploration Ltd. to hold the property. Work at the east edge of the glacier in 1967, carried out by Northgate Exploration Limited, included diamond drilling in 1 hole.

Mr. Berkosha held the property as the Marg group of 8 claims in the early 1970's. Laura Mines Ltd. optioned the property in July 1971; the company staked an additional 14 claims in the Jill group. Trenching was reported during the year.

The ground was restaked as the Jack claim (16 units).

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Reports of Minister of Mines; British Columbia:
1965, p. 52; 1967, pp. 36, 314.

Mineral Policy Sector; Corporation Files: "Hurley River
Mines Ltd."; "Erin Explorations Ltd."; "Laura Mines
Ltd.".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

General Geology, West Central BC, Sc. 1 cm: 2.5 km, Fig. 8,
accomp. Bulletin 64, BCDM, 1981.

#Geology of the MoS₂ group, Sc. 1": 2 400 feet, Fig. 3,
Report of Minister of Mines, 1967, p. 37.

Bromley Glacier area, Fig. 6, Report of Minister of Mines,
British Columbia, 1965, p. 53.

*Map 103 P/13, Stewart, (Geol.), Sc. 1: 50 000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	11-87						