

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

STANDARD, HIGHLAND, BILLY MACK

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

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.	

Lat. 55°30'30" Long. 129°24'

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

On the upper south slope of Wilauks mountain a series of argillites of the Hazelton group is cut by a swarm of nearly parallel, steeply dipping irregular dykes separated by thin partitions of sediments. Some of the dykes are as much as 100 feet wide and some possibly are wider. Most are rich in feldspar, and some contain hornblende or augite phenocrysts. Extending from the top of the mountain southward into the vicinity of these claims is a tongue of medium- to coarse-grained augite porphyry. The argillites are generally much altered, and, near dykes, crumpled and broken. The argillites and some of the dykes are cut by quartz-carbonate veins, most of which strike northerly and are only about an inch wide. Most of the veins are in the argillites, near the intrusive complex. Some zones as much as 5 feet wide are intensely veined but of this width only 1/3 is vein material. In some zones, several veins appear to have coalesced to form a lens as much as 2 feet wide, but the lenses exposed are not more than 10 feet long. Some of the veins also contain minor amounts of pyrite and galena.

The Standard showings consist of quartz and carbonate, pockets and irregular veinlets of sphalerite, fragments of

Associated minerals or products - Lead. p.t.o.
Minéraux ou produits associés

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

A number of showings are located at about the 2,500 foot elevation on the south slope of Wilauks (McGrath) Mountain, 3 3/4 miles northeast of the community of Alice Arm. The Standard claims lie south of and adjoining the Sunrise property. The main Standard showings are at the 2,600 foot elevation on the southeast slope of the mountain; the Highland showings lie about 3,600 feet to the west; the Billy Mack main showings lie about 1,500 feet south of the Highland.

In 1916 this ground was in part covered by the Black Bear group of 8 claims; owned by A.E. Dench & associates, and the Alamosa group of 2 claims owned by N. McInnis. Exploration work was done in open cuts and short adits. The claims subsequently lapsed.

The Standard group of 4 claims was owned by Messrs. McLean, Olsen, and Donnelly from about 1918. Annual assessment work was done in open cuts and short adits for a number of years. By 1922 the claims were owned by Miles Donald & associates, of Alice Arm. The Granby Consolidated Mining, Smelting and Power Company, Limited optioned the Standard claims in 1925 and carried out a program of surface cutting and stripping; this work indicated a flat-lying, narrow, sparingly mineralized vein, and the option was subsequently dropped. No further work was reported. In 1948 the Standard group of 4 Crown-granted claims were owned by Messrs. Donald, Olsen, McLean, and McLeod, of Alice Arm.

The Kent and Maple Leaf claims, owned respectively by Messrs. Bradley and Adams in 1918, were apparently located in the vicinity of the Billy Mack showings. Exploration work at this time was done in open cuts and short adit. The Billy Mack group of 6 claims was first reported on in 1927. These claims were owned in 1931 by J. Peacock, T. Calfa, & associates, of Alice Arm; some underground work was reported during the year.

The Highland group of 6 claims was first reported on in 1927; the owners, Messrs. Jones and Ingraham, of Alice Arm, prospected the showings during the year.

Between 1930 and 1948 all the claims, except the 4 Crown-granted Standard claims, were cancelled and very little prospecting was done. In 1948 Mr. McDonald, one of the owners of the Standard group, located 2 claims south of the Standard to include some of the ground previously part of the Billy Mack and Highland groups.

p.t.o.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

argillite, and a small amount of galena. The walls of these showings are not exposed so their form and attitude are not known.

On the Highland claims at least two roughly parallel mineralized zones are known. One strikes northeast and is a sheared and shattered zone, 20 feet wide in places, containing irregular bodies of quartz, calcite, and sphalerite, the best mineralization consisting of rock fragments cemented by quartz, calcite, and sphalerite. The second zone, lying about 300 feet northwest, is a fault zone holding lenticular and irregular bodies of quartz, calcite, sphalerite, and a little pyrite and galena.

The Billy Mack showings are similar to those found on the Highland claims.

REFERENCES/BIBLIOGRAPHIE

Black, J.M.; McGrath Mountain, Standard, etc.; Report of Minister of Mines, British Columbia, 1949, pp. 76-80.
 Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 52, 55, 66, 80, Geol. Surv. of Canada, 1935.
 Reports of Minister of Mines, British Columbia: 1916, p. 65; 1918, p. 69; 1922, p. 62; 1925, p. 73; 1927, pp. 72, 73; 1931, p. 39; 1966, p. 47.
 Mineral Policy Sector; Corporation Files: "Mayfair Moly Mines Ltd."
 Western Miner: March 1967, p. 63.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Standard Group, McGrath Mtn., (Geol.), Sc. 1":750 feet, Fig. 1, Report of Minister of Mines, B.C., 1949, p. 77.

Map 307 A, Portland Canal Area, B.C., (Geol.), Sc. 1":4 miles - accomp. Memoir 175.

Map 103 P, Nass River, B.C., (Topo.), Sc. 1:250,000.

Map 103 P/11, Kinskuch River, (Topo.), Sc. 1:50,000.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

Mayfair Molly Mines Ltd., incorporated in May 1966, acquired 180 claims covering all of Wilauks mountain. The company name was changed in June 1966 to Mayfair Moly Mines Ltd. In 1981, the occurrence was purchased by Waybo Resources Inc. as part of Standard (Lot 5501), Standard #1 (Lot 5502), Standard #2 (Lot

5503) Rev. Standard #3 (Lot 5504); Sunrise, and Sunny claims, Comp. rév. par JL					
Date	04-68	01-83			
Date					