

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SUNRISE (SILVER BAND)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°31' Long. 129°24'

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

A series of much altered argillites and sandy tuffs underlie the eastern and western slopes of the mountain. Most of the central part of the mountain is underlain by a northerly trending intrusive complex, one member of which is a swarm of dykes; other members are represented by exposures of augite, porphyry and feldspar porphyry. The mineralization occurs within the area of the northerly trending dyke swarm. The nearly parallel, steeply dipping irregular dykes are separated by thin partitions of sediments. The sediments are folded into open folds and near dykes into crumpled and broken folds. Between dykes the sediments tend to be parallel to the walls of the dykes. Some dykes are as much as 100 feet wide and most are rich in feldspar. The mineralized bodies are associated with a northwesterly striking fault on Sunrise Creek. Mineralization several feet wide is exposed at three points in the upper part of Sunrise Creek canyon. One of these exposures is in the fault, which is about 15 feet wide here, though only 3 to 5 feet of this width is mineralized. The other showings are in the banks of the creek close to the trace of the fault. These partly exposed bodies may be gash veins related to the fault. The quartz and sphalerite tend to

Associated minerals or products
Minéraux ou produits associés

p.t.o.

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

The Sunrise group of claims covers the upper southeast slope of Wilauks (McGrath) Mountain, about 4 miles northeast of Alice Arm. The Standard property lies to the south and adjoining.

The Silver Band group, consisting of the Sunrise, Silver Bands, Lucky Strike, and Tip Top claims, was located on the showings in about 1916 by Messrs. Clary, Morley, Hillier, and Hutchison. Yearly assessment work in the form of open cutting and stripping was carried on for a number of years. In 1926 the property was expanded to 8 claims by the addition of the Agnes, Blue Bird, and Silver Tip Nos. 1 & 2 claims. This group, now known as the Sunrise, was owned by G.W. Morley & Associates.

A total of 22 claims, including the Sunrise group and claims adjoining on the west, north, and east, were optioned by Kitsault-Eagle Silver Mines, Limited in 1928. A crosscut was begun at the 3,200 foot elevation on the north side of Sunrise Creek and driven northwesterly along the creek for 1,160 feet, passing under the creek at a point about 900 feet from the portal. Near the face of the adit a steeply dipping shear zone as much as 6 feet wide, consisting of sheared argillite, gangue minerals, and gouge was encountered. This may be the downward extension of the creek fault, or a major branch of it. A drift was run on the shear zone for about 100 feet. Veins were cut at 175 feet and 400 feet in from the portal. Drifts were run north and south from the crosscut, one for a distance of 80 feet. The company dropped the option early in 1930. Very little further prospecting was done and the claims were subsequently cancelled.

In 1948 M. Donald, one of the owners of the Standard group, located 4 claims northwest of the Standard on ground previously part of the Sunrise group.

Mayfair Molly Mines Ltd., incorporated in May 1966, acquired 180 claims covering all of McGrath 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), Standard #3 (Lot 5504), Sunrise, and Sunny claims.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

be in irregular vein-like masses, which strike northerly and northwesterly, and dip steeply. The adit exposes little sphalerite. About 800 feet from the portal one lenticular quartz vein a few inches wide with only a small amount of sphalerite is exposed. A drift from the crosscut adit follows the main shear zone for about 100 feet, exposing some gangue but no sphalerite. Most of the exposed veins are only a few inches wide, and the groups of veins or zones several feet wide are estimated to contain less than 5% zinc.

REFERENCES/BIBLIOGRAPHIE

Black, J.M.; McGrath Mountain; Report of Minister of Mines, British Columbia; 1949, pp. 76-80.

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, p. 81, Geol. Surv. of Canada, 1935.

Annual Reports, Dept. of Mines, B.C.: 1918, p. 68; 1923, p. 61; 1926, p. 78; 1927, p. 71; 1928, p. 89; 1929, p. 89; 1966, p. 47.

Hanson, George; Mineral Deposits of Alice Arm District, British Columbia; Summary Report 1928, pt. A, p. 41, Geol. Surv. of Canada.

Mineral Policy Sector; Corporation File: "Kitsault Mines Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par		JL				
Date Date	12-66	01-83				