

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE British Columbia

N.T.S. AREA 104 B/1
RÉGION DU S.N.R.C.

REF. AG 2
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ SILVER BAR (OUTLAND), ELDORADO

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Skeena
Division minière

County
Comté

Lot
Lot

Sec
Sect.

Lat. 56°09'10"

Lat.

District
District

Township or Parish
Canton ou paroisse

Concession or Range
Concession ou rang

Tp.
Ct.

R.
R.

Long. 130°05'15"

Long.

Cassiar

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation is a much altered argillite which in places merges into a highly siliceous rock. These rocks are cut by a series of east-west trending quartz porphyry dykes. To the north of the dyke system lies a large irregular shaped mineralized mass consisting of siliceous rock impregnated with galena, zinc blende, pyrite, pyrrhotite, chalcopyrite, and some arsenopyrite. It is said to carry fair gold and silver values. South of the dyke system a number of fissure veins consist of brecciated argillite cemented with quartz and calcite and containing galena, zinc blende, and some grey copper. The most promising, known as Johnnies vein, is about 3 to 4 feet wide, strikes northerly, and dips near vertical. A sample across 3½ feet of the vein assayed: gold, 0.1 ounce a ton; silver, 61.2 ounce a ton; lead, 10.2%; zinc, 14.8%. Three northerly striking veins on the Eldorado group have similar mineralization.

Grove, 1971, in part describes the property as follows:

"The Outland Silver Bar property lies within the limits of the Portland Canal dyke swarm near its northwestern extremity. The country rocks are banded, dark, quartzitic siltstones and greywackes which have been intruded by members of the Coast

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

p.t.o., . . .

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This property is located between elevations of 3,200 and 3,400 feet on the west side of the Salmon glacier, south of its west arm, about 2 miles north-northeast of Mount Bayard. The Eldorado property lies to the southwest and adjoining.

A group of 6 claims, the Mountain Girl (Lot 4190), Mineral Zone, Silver Bar, Silver Cord Fraction, and Silver Thrift No. 2, were staked on the showings by prospector E.H. Bartholf in 1919. Outland Silver Bar Mines, Limited was formed in July 1920 to carry on development work. Mr. Bartholf's interest in the company was acquired by C.L. Hibbard in 1922. Additional claims were staked until by 1929 the property consisted of 14 Crown-granted claims and fractions. Some exploration and development work was carried on each year until 1930. The numerous showings have been explored by some 16 short crosscut and drift adits, and by open cuts. The irregular shaped mineralized mass was explored a short distance below the outcrop by No. 4 adit, and by Nos. 7 and 10 adits at depths of 75 and 225' below No. 4. The two lower adits found mineralized ground but nothing of ore grade.

The Eldorado claim is reported to have been acquired by T.V. Wilson, of Seattle in 1920. Exploration and development work was reported in 1922. The Eldorado Gold Mining Company of Seattle acquired a total of 4 claims in October 1923. Included among these were two claims from T.V. Wilson, the Almo claim, purchased from Mr. Bartholf, and the Silver Thought claim, purchased from a Mr. Nash. Development work on the property in 1923 included open cutting and 2 short adits driven. The company was dissolved in April 1924 and a new company, Eldorado Gold Mines Consolidated, Limited was formed to continue exploration of the property, however, no further work was reported. The Almo claim (Lot 2847), Eldorado Nos. 2 & 3, and Almo Fraction claims (Lots 4443-4445) were Crown-granted to the company in 1927.

Newmont Mining Corporation of Canada Limited carried out a geological survey of the property in 1961.

Outland Resources Corp. AL 11/81; Rept. in SMF 104/81.

Tournigan Mining L - dd in 1981.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1926-1929, 3 tons of ore were shipped from this property. From this ore 98 ounces of silver, 28 pounds of copper, and 951 pounds of lead were recovered.

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Department of Mines, British Columbia: 1921, p. 71; 1922, p. 87; 1923, p. 82; 1925, p. 106; 1926, pp. 64; 100; 446; 1927, pp. 104, 480; 1928, p. 117; 1929, pp. 49, 109, 505.

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 157, 160, Geol. Surv. of Canada, 1935.

Mineral Policy Sector; Corporation Files: "Outland Silver Bar Mines, Limited"; "Eldorado Gold Mining Company".

Grove, Edward W.; Geology and Mineral Deposits of the Stewart Area; Bulletin No. 58, p. 146, British Columbia Dept. of Mines, 1971.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

- Geological Map of the Outland Silver Bar Property, Sc. 1": 200 ft., Fig. 35 - accomp. Bulletin No. 58.
- Geological Map of the Stewart Area, Sc. 1":½ mile, Fig. 3, Sheet C - accomp. Bulletin No. 58.
- Stewart Area, Crown-grant claim map, Fig. 15 C - accomp. Bulletin No. 58.
- Map 307 A, Portland Canal Area, B.C., (Geol.), Sc. 1":4 miles - accomp. Memoir 175.
- Map 104 B, Iskut River, (Topo.), Sc. 1:250,000.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

Plutonic Complex. On the property the sedimentary rocks are marked by breccia and narrow mylonite zones and by complex, small-scale, isoclinal folding.

"Replacement-type mineralization in altered siltstones has been explored in adits Nos. 8, 9, 10, and 13, disclosing a narrow, apparently continuous, steep, low-grade silicified zone trending east-northeast in which pyrite, pyrrhotite, arsenopyrite, scattered chalcopyrite, galena, and sphalerite are visible."

REMARKS/REMARQUES

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| Comp./Rev. By Comp./rév. par | | | | | | | |
| Date Date | 02-67 | 10-74 | | | | | |