

NAME 01 · BIBLIOGRAPHY

**MINISTRY OF ENERGY, MINES AND
PETROLEUM RESOURCES**
VICTORIA, BRITISH COLUMBIA

SUBJECT.....

SKYLARK

82ESE011

SUB
FILE No. *01*

001072

PROPERTY FILE

Multiple horizontal dashed lines for text entry.

Map No. 82E/SE-11

Property No. _____

Metal Industrial Mineral Placer Coal Lapidary

Name: SKYLARK

Claim (ML.-277) (SKYLARK GP. (see Remarks)) Owner J.M. ~~MacLean~~ MacLean
 Operator SARCO INVESTMENTS LTD. Year(s) 1969 -

Claim SKYLARK (L.763) Owner SKYLARK MINING CO.
 Operator OWNER Year(s) 1904 -

Claim SKYLARK (C.G. in 1896 to G. LAVAGNINO) Owner ?
 Operator ? Year(s) 1893 -

Location: N.T.S. 82E/2E Lat. 49° Long. 118° U.T.M. _____
 M.D. GREENWOOD In park _____ E. & N. El. 3800
 Loc. plot. _____ Source _____ Prec. 1

Status: Producer Dev. Prospect Prospect Showing

Production: Tons 2030 Grade: Au 0.35 oz/t Ag 83.7 oz/t Cu _____ Pb 14% Zn .26%
 Others _____ Year(s) _____
 Reserves: Tons _____ Grade _____ Year _____
 Tons _____ Grade _____ Year _____
 Tons _____ Grade _____ Year _____

Development: Surface TRENCHING '69 | SHAFT (103 ft), SHAFT EXT. (to 75 ft), DRIFTING (40 ft) 1895; (see Remarks)
 Underground 2 SHAFTS (55 ft, 15 ft) 1893; TUNNEL (90 ft), 2 SHAFTS (20 ft, 30 ft), old shaft extended (to 45 ft) 1894;
 Drilling 5 DDH'S (31 ft, 10 ft, 25 1/2 ft, 20 ft, 20 ft) '74 - on SKYLARK (L.763)
 Surveys: Geol. _____ Geophys. 1964, 1969 Geochem. 1902-180

References: M.M.A.R. 1893-1077; 1894-755; 1895-702; 1896-577, 591; 1898-1196; 1903-167; 1904-212; 1905-180, 183; 1906-158, 250.
1907-109, 215; 1915-201; 446; 1919-174; 1920-156; 1934-D8; Expl. Form _____
 G.E.M. 1969-306, 1974-33, 34.
 As. Rpt.: L.G. _____ Prosp. _____ D.D. 5181 Other _____
 Geol. _____ Geophys. 542, 1819, Geochem. _____
 Geol. and maps GSC MAP 6-1957; GSC PAPER 45-20, MAP 45-20A #11

Summary description QUARTZ VEIN 6" to 24" WIDE STRIKING N-S AND DIPPING 50° E, AT THE CONTACT BETWEEN A JURASSIC OR CRETACEOUS GRANODIORITE STOCK AND TRIASSIC OR PERMIAN CHERT, ANDESITE, LATITE, ARGILLITE AND JASPEROID, WHICH HAS BEEN INTRODUCED BY STOCKS OF DIORITE AND GABBRO AND DYKES OF TERTIARY PORPHYRITIC PULASKITE. MINERALIZATION CONSISTS OF RUBY SILVER, NATIVE SILVER, GALENA, SPHALERITE, PYRITE, CHALCOPYRITE.

Attitude of deposit: Strike N-S Dip 50° E Azimuth _____ Plunge _____
 Size: Length 400 ft Width 6" to 24" Depth at least 200 ft

Minerals QUARTZ, GALENA, SPHALERITE, PYRITE, RUBY SILVER, CHALCOPYRITE, NATIVE SILVER
 Economic minerals GLEN, SPLR, RSVR, CLCP, NATIVE SILVER
 Assays Au 10 1/2 oz/T Ag: 250 oz/T

Remarks (Refs. cont.) 1935-A25, G52; 1936-G57; 1940-24; 1964-171,
(V/G cont.) SHAFT EXTEND. (to 150 ft), DRIFTING (600 ft) '05; NEW SHAFT (200 ft), DRIFTING (620 ft), X-CUT (45 ft) '06.
SKYLARK GP: SKYLARK (L.763), MEADOW LARK (L.1712), TRIUMVIRATE FR. (L.1777),
SMILAX FR. (L.1064), SILVER KING (L.1079), SILVER CLOUD (L.1218), IRON CAP (L.1574), HOPE NO. 2 (L.1849),
ARCADIA (L.3135), DENVER (L.764), SILVER CLOUD FR. (L.4545), LAST CHANCE (L.753) - see 82E/SE-4

Recorded by EJ 7/69 Revised by _____ Lib. Res. Comp. _____

Product(s) Ag, Au, Pb, Zn, Cu

Map No. 82E/SE-11

Property No. _____

* - Notes from old card.

Earlier Summary description :-

Narrow, high grade galena-silver vein. Andesite cliffs are cut by qz. veins containing pyrite & grey sulphides.
wallrock - volcanics

formational name - Anarchist Group.

Character of Mineralization - fine grained

vein is faulted at several places at depth.

discovery date : 1892.

PRODUCT

SILVER

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 82 E/2

REF. AG 2

NAME OF PROPERTY

SKYLARK

OBJECT LOCATED - shaft.

UNCERTAINTY IN METRES 200.

Lat. 49°05'28"

Long. 118°38'20"

Mining Division Greenwood

District

Similkameen

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The claims are underlain by Permian Anarchist Group volcanics and sediments near the eastern edge of a Cretaceous Nelson intrusive. The initial development work was on a 1 to 12 inch wide vein of nearly solid arsenopyrite carrying some fine-grained galena and sphalerite. The vein has a north-south strike, dips east at about 50 degrees, and is faulted at depth. Trenching in 1969 about 200 feet south of the shaft exposed an irregular quartz vein striking northeasterly, dipping 34 to 58° southeast, and well mineralized with galena, stibnite, and argentite.

Associated minerals or products of value - Gold, lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The Skylark showings are located at the 3,800 foot elevation 1.5 miles east of Greenwood.

The Skylark claim was staked in July 1893 by S. Bloyer. A half interest in the property was subsequently transferred to J. Attwood. Development work was begun in shaft sinking on the vein. Later that same year the Spokane and Great Northern Mining Company optioned the property. A lease on a 100 foot square area was given to a Mr. Symons and associates who continued shaft sinking to the 50 foot level where the vein was cut off by a fault. The lease was given up in February 1894 and the company began work. Shaft sinking continued to the 100 foot level and a 15 foot ft was run from the bottom without encountering the vein. Available ore above the 50 foot level was mined out and the option abandoned by the end of 1894. In the meantime Bloyer had sold his interest in the property to J. Douglas and Messrs. Wake and Johnson had acquired one half of Attwood's interest. Mining resumed with the discovery of the faulted vein at the 50 foot level and the shaft was continued to the 80 foot level.

In 1896 the Skylark and adjacent Denver claim was purchased by a Mr. G. Lavagnino, of Colorado. Mining above the 80 foot level continued. Several hundred feet of cross-cutting was done in search for faulted segments of the vein. Work ceased in the fall of 1897. The Skylark (Lot 763) and Denver (Lot 764) claims were Crown-granted to Mr. Lavagnino in 1898.

Phoenix interests acquired the claims and development work resumed in 1904. Skylark Development Company Limited was incorporated in January 1905 and operations continued into 1906. A shaft was sunk to 200 feet with 500 feet of drift and 45 feet of crosscut at the 150 foot level and 120 feet of drifting at the 200 foot level.

Lessees are reported to have worked the property in 1915, 1919, and 1920. W.E. McArthur carried out limited work during 1935-36. A small ore shipment was reported in 1940 under the name W. Madden.

Prudential Petroleum Ltd. held the property in 1964 and carried out a geophysical survey. A magnetometer survey and bulldozer trenching was carried out on the Skylark showings in 1969 by Sarco Investments Ltd. The claims were held at that time as part of Mineral Lease M 277. The lease

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa

HISTORY OF PRODUCTION

From 1893 to 1940, 2,030 tons of ore were shipped from this property. From this ore 721 ounces of gold, 169,826 ounces of silver, 56,804 pounds of lead, and 10,600 pounds of zinc were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia: 1893, p. 1077; 1894, p. 755; 1895, p. 702; 1896, p. 577; 1897, p. 591 ++; 1898, p. 1196; 1904, p. 212; 1905, p. 180; 1906, p. 158; 1907, p. 109; 1915, p. 201; 1919, p. 174; 1920, p. 156; 1934, p. D 8; 1935, p. G 52; 1936, p. D 57; 1940, p. 24; 1964, p. 171.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1969, p. 306.

Jury, R.G.; Skylark Property; - in Greenwood Explorations Ltd. Statement of Material Facts, December 1975. +

Mineral Development Sector; Corporation Files: "Spokane and Great Northern Mining Company"; "Greenwood Explorations Ltd.".

MAP REFERENCES

#Map 45-20 A, Greenwood-Phoenix, (Geol.), Sc. 1":800 ft. -
accomp. Paper 45-20, Geol. Surv. of Canada.

Map 6-1957, Kettle River, (Geol.), Sc. 1":4 miles.

Map 8497 G, Greenwood, (Aeromag.), Sc. 1":1 mile.

*Map 82 E/2, Greenwood, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	3-76						

PRODUCT

SILVER

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 82 E/2

REF. AG 2

NAME OF PROPERTY

SKYLARK

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

subsequently lapsed and the Skylark and Denver claims were acquired by application for the location of reverted Crown-grants as Record Nos. 36714 and 36721, respectively. In November 1973 diamond drilling was done in 5 holes totalling 106 feet.

Greenwood Explorations Ltd. optioned 10 claims from J.A. MacLean of Greenwood in 1975.

82 E/SE