

NAME OF PROPERTY

SKYLARK - OB

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.

On the Billy Fraction claim a northeasterly striking fault is filled with a feldspar porphyry dyke which is sheared and mineralized with quartz, pyrite, galena and sphalerite. Including a portion of the hanging wall, the zone averaged 9.5 oz/t Ag across 8.4' over a known length of 325'.

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 drift 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 Petroleums 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.

see Card 2

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

120785

PRODUCT	SILVER	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	82 E/2	REF. AG 2
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NAME OF PROPERTY	SKYLARK - OB	HISTORY OF EXPLORATION AND DEVELOPMENT (continued)
		<p>Greenwood Explorations Ltd optioned 12 claims comprising the property from J.A. MacLean in August 1975. Work to 1976 included geological mapping, trenching and 106' of diamond drilling in 4 holes to test the faulted southern extension of the Skylark vein.</p> <p>Ground adjacent to the south was held as the OB claim by Viscount Resources Ltd (formerly Geonorm Development Corporation). Geological, geochemical and geophysical surveys were carried out in 1977-80.</p> <p>The 12 reverted Crown-grants were acquired in September 1979 by H. Shear and associates, who incorporated Skylark Resources Ltd in 1980. The company optioned a 50% interest in the OB claim from Viscount Resources. Geochemical and biogeochemical surveys in 1979-80 located mineralization on the Meadow Lark claim and this was trenched in 1981. Geophysical and geochemical surveys in 1980 followed by trenching on a geochemical anomaly located a silver-gold bearing zone on the Billy Fr claim adjacent to the OB claim border in 1984; the discovery was tested by 844' of diamond drilling in 3 holes. Further drilling in 1985 included 22 holes on the 1984 discovery (H zone) and 4 holes on a new discovery in the northeast corner of the OB claim. Inferred reserves were reported as 58,000 tons at 20.19 oz/t Ag, 0.08 oz/t Au (Skylark Resources Statement of Material Facts, 30/10/85). Work in 1986 included diamond drilling on the H zone, and on the Serp zone, a blind occurrence discovered in 1985 drilling of the H zone. A decline ramp was driven to the H zone in 1986 and drifting and raising carried out. H zone reserves were reported as drill-proven 86,500 tons and possible 29,000 tons with an expected grade of 20 oz/t Ag, 0.08 oz/t Au (Skylark Resources L., 1986 Annual Report).</p> <p>The decline was extended to 1,500 feet in 1987 and a drift driven on the Serp zone. Production from the H zone began December 7, 1987 at 100 tons per day, the ore being shipped to the Robert Mines Ltd. mill some 4 km south of Greenwood.</p>

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.

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.
- Skylark-OB property, (claim map), Sc. 1:25,000, Fig. 2 - accomp. Report by Taylor, 1984.

REMARKS

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; 1974, p. 33.

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

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

Taylor, D.P.; Geological Report on the Skylark-OB Property, 7/12/84 - in Skylark Resources Ltd Prospectus, 12/03/85.

George Cross News Letters: 9/08/84; 17/10/84; 29/11/84; 14/02/85; 1985: No. 67, 133, 146, 148, 180, 211; 1986: No. 11, 64, 113, 126, 148, 189; 1987, No. 15, 83, 185, 206, 221, 247.

Exploration in British Columbia; British Columbia Dept. of Mines: 1979, p. 16; 1980, p. 19; 1983, p. 15.

Serephin, R.H.; Report on the OB claims, 14/01/86, in Viscount Resources L, Statement of Material Facts, 18/03/86.

Comp./Rev. By	DMacR	DMacR	DMacR	DMacR			
Date	3-76	04-85	01-86	03-88			