

NAME OF PROPERTY

BLUE BIRD (BLUEBIRD)

OBJECT LOCATED ^{No. 3 Adit Blue Bird claim}
(Lot 540).

UNCERTAINTY IN METERS-200. Lat. 49°59'20" Long. 117°10'40"

Mining Division Slocan District Kootenay

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Slates and fissile, thinly banded argillites of the Triassic Slocan Series form a wide belt between the workings on the Bluebird and Stranger claims. On either side of this belt are more massive quartzitic and argillaceous beds. Several narrow limestone beds were observed at different horizons in the section. The strike varies from north 25 degrees to north 55 degrees west and the dip, with rare exceptions, is southwesterly at an angle of 40 degrees or 45 degrees. The sediments are intruded by a dyke-shaped mass of granodiorite porphyry striking northwesterly and angling across the Stranger claim. There are, also, several smaller, quartz porphyry sills and dykes and a few narrow basic dykes.

Three vein-lodes outcropping on the Bluebird claim are from north to south, respectively, named the West vein, The Big or Idaho vein, and the Little vein. The zone of fissuring that

Associated minerals or products of value - Silver, zinc. see Card 2

HISTORY OF EXPLORATION AND DEVELOPMENT

The claims lie across the summit of the ridge between Carpenter and Stenson (Jackson) Creeks, 2 miles northeast of Sandon.

The property comprises 4 claims and fractions, the Blue Bird (Lot 540), Stranger (Lot 512), Idaho No. 2 (Lot 1013), and Rawdon (Lot 855). The Blue Bird and Stranger claims were staked in 1892. Considerable development work, including over 600 feet of adit, was carried out during the year. The Blue Bird and Stranger claims were Crown-granted in 1893 and 1895, respectively, to J.A. Whittier. The Idaho No. 2 was Crown-granted to J.B. McArthur in 1897 and the Rawdon to J.L. Montgomery in 1898.

The Blue Bird Mining Company, of Spokane, Washington, held the Blue Bird claim from about 1893 to 1898. By the close of 1894 about 1,800 feet of adit and 200 feet of shaft had been developed. Ore shipments were made each year up to and including 1898. The property then lay idle until 1903. During the period 1903-1910 several small ore shipments were made.

Bluebird Mines, Limited, was incorporated in 1928 to acquire the 4 Crown-granted claims. Work during 1928 and 1929 included extending an old adit on the Stranger claim for several hundred feet and driving a new adit on the Idaho No. 2 claim for 1,180 feet, with 3 crosscuts in the footwall totalling 60 feet. Work was discontinued early in 1930. The workings at that time comprised 8 main adits and a number of short adits and open cuts. An electrical survey of the property was carried out by the Radiore Company in 1929.

Work resumed on the property in 1950 and Bluebird Slocan Mines Limited was incorporated in November 1951. Diamond drilling to the west of the main Idaho No. 2 adit intersected a parallel lode. A branch drift, at 400 feet from the portal, was driven northwest for about 80 feet, 50 feet of which followed a lode 2 to 3 feet wide mineralized with sphalerite. At 600 feet from the portal a crosscut was driven 20 ft. northwest to intersect a lode also containing sphalerite.

see Card 2

HISTORY OF PRODUCTION

From 1892-1905, 866 tons of ore were shipped from this property. From this ore 118,261 ounces of silver, and 1,252,699 pounds of lead were recovered.

REFERENCES

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Memoir 184, p. 17, Geol. Surv. of Canada, 1935.

Reports of Minister of Mines, British Columbia: 1892, p. 531; 1893, p. 1055; 1894, p. 739; 1896, pp. 57, 59, 557, 558; 1897, p. 572; 1898, p. 1074; 1904, p. 201; 1905, p. 160; 1908, p. 99; 1919, p. 124; 1928, p. 287; 1929, p. 309; 1930, p. 249; 1950, p. 144; 1951, p. 170; 1952, p. 175; 1953, p. 139.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 329; 1970, p. 453; 1971, p. 408.

Mineral Development Sector; Corporation Files: "Bluebird Mines, Limited"; "Reco Silver Mines Limited"; "Ray-rock Mines Limited".

MAP REFERENCES

Map 273 A, Sandon, (Geol.), Sc. 1":4,000 ft. - accomp. Memoir 173.

*North slope of Carpenter Creek valley, (claim boundaries and Lode system), Sc. 1":800 ft., Fig. 1, Memoir 184.

*Map 82 F/14 E, Slocan, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	9-74						

BCI 82F/NW-34.

NAME OF PROPERTY

BLUE BIRD (BLUEBIRD)

DESCRIPTION OF DEPOSIT (continued)

includes these veins extends northeasterly across the ridge to workings on the north slope. The "Big vein" strikes N55°E, dips to 60° to 65° southeast, and marks a zone of brecciation cemented by quartz, but in which very little ore mineralization was noted.

The Little vein lode strikes north 70 degrees east, dips 60 to 65 degrees southeast, appears to join or may intersect the "Big vein" near the portal of No. 2 adit, and has been explored on Nos. 2, 3, and 4 adits. Most of the production of the Bluebird property probably came from this lode. It varied from 1 to 5 feet wide and contained a paystreak of solid galena from a fraction of an inch to over a foot wide. Good ore persisted for 250 feet along No. 4 level and 100 feet above it and has been mostly stoped out. The ore was argentiferous galena, in part in coarse cubes, and zinc blende in a gangue of quartz, siderite, and calcite, associated with some crushed country rock. The lode is intersected by two faults, one striking north 33 degrees west and the other nearly north and south. Both dip easterly at 60 degrees. The more westerly fault has offset the lode 20 feet to the north. The displacement effected by the other fault has not been determined.

The West vein lode lies 100 feet northwest of and nearly parallel with the Big vein lode. The lode has been traced up the slope for nearly 200 feet by a series of short adits and open-cuts. As exposed it contains a width of 1½ to 2 feet of oxidized lode matter showing here and there a little galena. Specimens on the dump indicated that the ore was largely of zinc blende carrying some galena and much pyrite in a gangue largely of quartz with some siderite.

The trend of the lode in the Stranger workings appears to have been influenced by well-defined jointing in the country rocks. The joint planes strike north 55 degrees east and dip 75 degrees southeast. This attitude corresponds closely with that of the "Big" and "West" vein lodes on the Bluebird claim and it is probable that these veins are the southwesterly continuation of the zone of mineralization on the Stranger claim. The Little vein lode, if it maintains the same strike as on the Bluebird claim, would pass close to the Stranger workings. Ore specimens seen on the dumps of the Stranger workings are chiefly of sphalerite and pyrite with some galena. The lode matter is brecciated, as is characteristic of exposures on the southern slope of the ridge.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

The Blue Bird and adjacent claims, owned by Mrs. J.M. Harris, of Sandon, were optioned to Reco Silver Mines Limited in about 1965. Geochemical surveys were carried out in 1965, 1968, and 1969. Rayrock Mines Limited obtained a working agreement with Reco Silver in 1973.

Reco Resources in 1973