

NAME OF PROPERTY BLUE JAY (BLACK WARRIOR)

OBJECT LOCATED - from descriptive data.

UNCERTAINTY IN METRES 1,000. Lat. 50°47'30" Long. 117°25'30"

Mining Division Slocan District

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Map 235 A indicates the country rock in this vicinity includes Late Precambrian schist, phyllite, quartzite, slate, and limestone of the Lardeau Series and limestone of the Badshot formation. A band of limestone averaging 50 feet in width and striking N40°W with near vertical to steep southwesterly dip has been traced at intervals along strike for a distance of 1,500 feet up the steep mountain slope on the northwest side of McDonald creek. Replacement mineralization within the limestone band consists of argentiferous galena with some sphalerite occurring in streaks, bunches, and disseminations, the best exposure being in an open cut at the 6,150 foot elevation where the mineralization occurs over a width of 20 feet.

A quartz vein 2 to 3 feet in width occurs in schist some 60 feet southwest of, and approximately parallel to, the limestone band. As exposed by the Black Warrior workings the vein locally contains sparsely disseminated galena. The exception was a small lens of sulphides found on the hanging-wall side of the vein at the 6,300 foot elevation over a width of 2½ feet and a length of not much more. At a depth of 30 feet this lens was reduced to a few stringers of sulphides. The sulphides were mainly galena and chalcopyrite with a little pyrite and tetrahedrite.

Associated minerals or products of value - Silver, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at approximately 6,100 foot elevation at the head of McDonald Creek, an easterly flowing tributary of the Westfall River, 11 miles northeast of Trout Lake.

The initial activity, on the Black Warrior group, was directed towards a mineralized quartz vein in schists and included surface and underground work on both sides of the creek. Subsequent activity, on the Blue Jay group, was directed towards replacement mineralization in limestone on the northwest side of the creek.

The first report of activity on the Black Warrior group was in 1898-99 although considerable work was apparently done before and after that period for a total of approximately 750 feet of underground openings. The workings on the northwest side of the creek apparently included an adit and several open cuts. On the southeast side of the creek 4 adits were driven between elevations of about 5,300 to 6,500 feet. The upper working comprised a deep open cut ending in a 30 foot adit. No. 1 adit, 25 feet below the open cut, was driven 85 feet and a raise put up to the open cut. No. 2 adit, about 100 feet below No. 1, was driven 205 feet and from the face a crosscut was driven 65 feet northeast into the limestone. No. 3 adit, 200 feet below No. 2, was driven about 350 feet. In 1924 the Black Warrior group comprised 3 claims, the Black Warrior, White Star, and Eva May, of which H.N. Coursier of Revelstoke was agent.

The Blue Jay group was apparently a restaking of the Black Warrior ground in about 1925 by Messrs. Brachot, Cottle, Stanley, Comerford, Richards, and Tait, of Victoria under the name "Blue Jay Mining Syndicate". The 8 claims, the Mountain View, Joker, Victoria, Gladstone, Snowstorm, Blue Jay, Copper Glance, and Jutland (Lots 13477-13484, respectively) were Crown-granted in 1927. The Snowstorm claim covered the old workings on the southeasterly side of the creek while the Victoria and Joker claims covered the old workings on the northwesterly side.

Exploration work to 1928 on the Blue Jay group was apparently confined to trenching. No further activity was reported until 1952 when The Consolidated Mining and Smelting Company of Canada Limited optioned the property from the Blue Jay Mining Syndicate. Work by the company during

p.t.o.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

1952-53 included stripping and sampling and 3,177 feet of diamond drilling in 8 holes from 1 drill station. The option was given up at the end of 1953.

Silver Standard Mines Limited acquired the Blue Jay group of 4 claims as a mineral lease in 1962.

REFERENCES

Reports of Minister of Mines British Columbia: 1898, p. 1070; 1899, pp. 683, 708; 1924, p. 211⁺; 1926, p. 273; 1927, pp. 296, 484; 1928, p. 309⁺⁺; 1952, p. 189⁺⁺⁺; 1953, p. 144.

Gunning, H.C.; Lardeau Map-Area, British Columbia; Memoir 161, p. 83, Geol. Surv. of Canada, 1930.

Mineral Policy Sector; Corporation Files: "Silver Standard Mines Limited".

MAP REFERENCES

Map 235 A, Lardeau Area, Sc. 1":4 miles - accomp. Memoir 161.

#Map 82 K/14 W, Westfall River, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-77						