

PRODUCT	SILVER	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	103 P/11	REF. AG 6
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NAME OF PROPERTY SILVER BELL No. 1 (UNITED METALS), GREY GOOSE

OBJECT LOCATED—United Metals showing.

UNCERTAINTY IN METERS 800. Lat. 55°33' Long. 129°15'30"

Mining Division Skeena District Cassiar

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Coarse green pyroclastic rocks, mainly augite andesite tuffs and breccias, and sedimentary rocks, are overlain more or less conformably and interbedded with red and green well-stratified volcano-sedimentary rocks including volcanic conglomerates, sandstones, and siltstones. The veins and mineralized zones occur along shear planes near the axial trace of a broad southerly plunging syncline.

The United Metals showings are narrow quartz-carbonate-sulphide veins cutting bleached fragmental rocks. Open cutting in 1968 exposed a number of zones 2 to 5 feet wide over a distance of 1,000 feet to the north of the old workings. The mineralized zones consist of narrow bands and stringers of galena and sphalerite occurring along shear planes in light-grey bleached schists. Drilling in 1967 and 1968 in the vicinity of the old workings indicated a zone of alteration at least 300 feet wide and bracketed on the east and west by basic dykes. Fifty-foot-wide sections of sheared graphitic siltstone were intersected near the Illiance River, and these were seen to contain 1-inch beds of coarse carbonate with 1-millimetre grains of pyrrhotite.

The Grey Goose showing is situated 1,500 feet south of the United Metals workings. A 20-foot trench exposes a northwest-

p.t.o.

Associated minerals or products of value - Lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 3,000 foot elevation on the west side of the Illiance River, 9½ miles northeast of the community of Alice Arm.

United Metals, Limited, incorporated in May 1915, acquired the Joplin, Silver Star, and Silver Hoard claims. Exploration work was carried on until 1920 and included numerous open cuts and 6 short adits. A small quantity of high-grade ore recovered during this work was shipped in 1923. The company charter was cancelled in 1931 and the claims lapsed.

The Grey Goose claim, located between the Joplin claim on the north and the Bellevue property on the south, was owned and explored by H. Phillips in 1916. Exploration work on a narrow vein mineralized with pyrite, sphalerite, and galena was done in open cuts and a 35-foot long adit.

The showings were in part restaked as the Grey Goose and Silver Bell No. 1 claims by Stanley Uruski, of Courtenay, in about 1965. Ponder Oils Ltd. in 1967 optioned 38 recorded claims from Stanley Uruski and Gunn Fiva. Work during 1967 and 1968 included open cutting and diamond drilling in the vicinity of the old United Metals workings on the Silver Bell No. 1 claim. At the Horsecut showing, about one quarter mile north of the United Metals showing, 7 short drill holes failed to trace the vein north or south of the trench. On the Grey Goose showing, some diamond drilling was carried out in 1968.

HISTORY OF PRODUCTION

In 1923, 36 tons of ore were shipped from this property. From this ore 1 ounce of gold, 3,396 ounces of silver, and 7,873 pounds of lead were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia: 1916, p. 72; 1918, p. 70; 1919, p. 57; 1930, p. 91; 1965, p. 67; 1967, p. 49; 1968, p. 65.

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 66, 84, Geol. Surv. of Canada, 1935.

Mineral Development Sector; Corporation Files: "Ponder Oils Ltd."

MAP REFERENCES

#Geology of the Monarch, Silver Bell, Silver Groups, Sc. 1":
 $\frac{1}{2}$ mile, Fig. 12 - accomp. Report of Minister of Mines,
 1968, British Columbia Dept. of Mines.

Map 307 A, Nass River, (Geol.), Sc. 1":4 miles - accomp.
 Memoir 175.

*Map 103 P, Nass River, (Topo.), Sc. 1:250,000.

BCI 103 O-P-140

REMARKS

DESCRIPTION OF DEPOSIT (continued)

striking zone of variable width in which small massive lenses of galena and sphalerite are contained in light-grey schist.

The Horsecut showing is exposed in a 75-foot-long trench near the Illiance River at 3,250 feet elevation. A northerly trending 4-foot-wide quartz-carbonate vein, offset slightly by a northeast-striking fault halfway along its exposed length, contains stringers of galena and sphalerite. Seven short angle drill-holes failed to trace the vein north or south of that length exposed in the trench. Down dip beneath the trench, vein widths of between 2 and 4 feet were intersected, enveloped by a 15- to 40-foot core of bleached schist.

Comp./Rev. By

DMacR

Date

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