

NAME OF PROPERTY **EVA BELL, MANITOU**

OBJECT LOCATED **centre Eva Bell claim (Lot 2031).**

UNCERTAINTY IN METERS **300.** Lat. **49°10'15"** Long. **118°07'**

Mining Division **Greenwood** District **Similkameen**

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

Alvin Resources Ltd. 1979

DESCRIPTION OF DEPOSIT

On the Manitou claim the mineralization, consisting of sphalerite, galena, and pyrite in a siliceous gangue, occurs in veins and segregations. Owing to the broken nature of the ground, caused by the intrusion of offshoots from the main batholith, and recent porphyry dykes, the ore-bodies are difficult to follow.

Associated minerals or products of value - **Zinc, silver.**

HISTORY OF EXPLORATION AND DEVELOPMENT

The Eva Bell and Manitou claims are located at the 4,500 foot elevation at the head of Mollie Creek, 2½ miles south of Paulson. The Manitou claim adjoins the Halifax property (82 E/1, Pb 2) on the east.

The first reported activity on the Eva Bell was in 1901 when 40 feet of sinking, and crosscutting, was reported. In 1902 the Eva Bell (Lot 2031) was Crown-granted to J. Rogers and H.L. Jones, and the Manitou (Lot 1753) to R. Cooper. Work on the Manitou was done in shallow shafts, open cuts, and trenches. In 1937 the claims were part of a 21 claim group held by Joseph Grafton, of Rossland.

Christina Lake Mines Ltd., incorporated June 1964, acquired a large block of claims in the area. Work on the Eva Bell and adjacent claims in 1965 included a geochemical soil survey, a magnetometer survey over an area 4,000 by 8,000 feet, trenching, and diamond drilling in several holes. Dalex Mines Ltd. carried out an induced potential survey and bulldozer stripping on the Eva Bell and Halifax claims in 1968 and geological mapping, a geochemical soil survey, trenching, and 2,142 feet of diamond drilling in 7 holes during 1969.

Burnt Basin Mines Ltd. was incorporated in December 1971 to acquire 21 Crown-granted claims and fractions and 15 mineral leases. Bulldozer trenching and rock trenching on the Eva Bell north showing exposed copper, zinc, lead, silver mineralization over widths varying from 10 to 60 feet and, intermittently, for a length of 1,000 feet.

Ore removed from an open cut on the Eva Bell southeast showing during the winter of 1971-72 was shipped in April 1972.

Donna Mines Ltd. in August 1972 optioned an 80% interest in the property. In October 1972 Donna Mines gave a working option on the property to Grey River Mining Company Limited. Work during the year included geological mapping, a magnetometer survey over 10 line-miles, and 661 feet of diamond drilling in 5 holes on the Eva Bell claim. Grey River Mining apparently gave up the option. During 1973-74 overburden stripping and some surface mining was carried out.

p.t.o.

HISTORY OF PRODUCTION

In 1972, 47 tons of ore was shipped from the Eva Bell claim. From this ore 309 ounces of silver, 7,439 pounds of lead, and 15,737 pounds of zinc were recovered. (Donna Mines Ltd. - Statement of Material Facts).

During 1973-74 a total of 466 tons of ore were shipped, possibly from either the Eva Bell or Halifax. From this ore 34 ounces of gold, 1,253 ounces of silver, 25,616 pounds of lead, 44,165 pounds of zinc, and 329 pounds of cadmium were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia: 1901, p. 1066; 1902, pp. 304, 305; 1927, p. 226; 1937, p. D-35; 1968, p. 236.

Mineral Policy Sector; Corporation Files: "Donna Mines Ltd."; "Alvija Mines Ltd."; "Paulson Mines Ltd."

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 311; 1972, p. 33; 1973, p. 36; 1974, p. 32.

MAP REFERENCES

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

#Map 82 E/1 E, Grand Forks, (Topo.), Sc. 1:50,000.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

Alvija Mines Ltd., a company closely associated with Donna Mines, in 1974 optioned a 50% interest in Donna Mines 80% interest in the property. Work during 1976-77 was apparently confined mainly to the Halifax claim. The company name (Alvija) was changed in 1976 to Paulson Mines Ltd.

Comp./Rev. By	DMacR	DMacR					
Date	9-74	4-78					