

NAME OF PROPERTY

VAN (ROCKY RIDGE)

OBJECT LOCATED - No. 2 showing.

UNCERTAINTY IN METRES 300.

Lat. 59°15'

Long. 129°40'20"

Mining Division

Liard

District

Cassiar

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR

DESCRIPTION OF DEPOSIT

The Van claim is underlain by volcanic and sedimentary rocks of the Sylvester Group of Upper Devonian to Lower Mississippian age. Black shale, locally with thin limestone interbeds, overlies andesites and form a syncline with axis trending north-west. Fine-grained sedimentary pyrite is widespread. At least three pyrite quartz and pyrite tetrahedrite quartz veins are known.

On Troutline creek, about 75 feet above the canyon-bottom, a trench and open-cut expose a well-defined quartz vein 30 inches in width for about 30 feet. This vein, strike north 18 degrees east and dip 60 degrees east, contains a little pyrite, chalcopyrite, and tetrahedrite. Fine specks of native gold are reported to have been discovered in this exposure.

In the canyon-bottom at an elevation of 3,125 feet, an oxidized and sheared zone contains a shattered quartz-lens varying from 2 to 3 feet in width and three oxidized stringers which are 8, 15, and 27 inches in width respectively. A sample from this open-cut across 3 feet of the oxidized material containing

p.t.o.

Associated minerals or products - Silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on the north side of McDame Lake, extending north across the ridge to Troutline Creek, about 7 miles southeast of Cassiar.

Details of activity on the property are sparse. Two veins were opened up by two short adits. A third vein was trenched by bulldozer and at least one x-ray drill hole was put down.

The Rocky Ridge group of 3 claims was owned in 1935 by N.L. Callison, of Fort Nelson; trenching was reported. The Van claim (9 units) was staked adjacent to the Sally Ann group in 1976 by Vanir Enterprises Ltd. for NewCoast Silver Mines Ltd. Electromagnetic, magnetometer, and geochemical soil surveys were carried out during the year. The claim was relocated in 1977 to include some ground previously covered by the Sally Ann group. During 1977-78 reconstruction of the Cassiar-Stewart highway about $\frac{3}{4}$ mile of rock cuts were made on the Van claim along the north side of McDame Lake, exposing the No. 1 showing. Further geochemical soil survey work was carried out in 1979.

The adjacent Nora group of 9 claims was purchased by NewCoast Silver Mines Ltd. from J. Schussler, of Surry, by an option agreement of March 1977. Nu-Energy Development Corp. by a July 1977 option agreement acquired from NewCoast an 85% interest in the Nora group.

DESCRIPTION OF DEPOSIT (continued)

Some pyrite assayed: Gold, trace; silver, trace. In a small oxidized quartz stringer 1 to 2 inches in width, exposed for about 15 feet on the east side of this cut, fine specks of native gold were seen. A composite sample from this oxidized stringer over a length of about 15 feet assayed: Gold, 1.40 oz per ton; silver, 0.4 oz per ton.

About 600 feet southeasterly from the above showings a sheared quartz vein 2 feet wide and two oxidized quartz stringers 6 inches in width are exposed in a highly disturbed and oxidized belt of andesitic flow-rocks. These veins strike northwesterly and dip steeply southwesterly. Fine specks of gold were seen in the oxidized material of the two 6-inch stringers. A sample representative of the most westerly stringer across 6 inches assayed: Gold, 1.36 oz per ton; silver, 0.4 oz per ton. The veins in this exposure occur above a pronounced fault striking east-west and dipping about 20 degrees south.

REFERENCES

*Report of Minister of Mines, British Columbia: 1935, p. B 17.
 **Cukor, V.; NewCoast Silver Mines Ltd., Van claim; August 1979 - in NewCoast Statement of Material Facts, 19/09/79.
 Mineral Policy Sector; Corporation Files: "NewCoast Silver Mines Ltd."; "Nu-Energy Development Corp."

MAP REFERENCES

Map 1110 A, McDame, (Geol.), Sc. 1":4 miles - accomp. Memoir 319, Geol. Surv. of Canada, 1963.
 Geological Sketch-Map of McDame Creek Area, Sc. 1":5 miles - accomp. Report of Minister of Mines, British Columbia, 1935, p. B 14.
 #Van Mineral Claim, Fig. 2, Rept. by Cukor, 1979.
 Map 104 P/4, Needlepoint Mountain, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	10-79						