

NAME OF PROPERTY

NELLIE, WARM (SHAMROCK)

LOCATION --Symbol on Map 92 H/NE (MI).

Radius of uncertainty: 300 m. Lot. 49°45'00" Long. 120°30'00"

Mining Division Similkameen District Kamloops

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

OWNER OR OPERATOR AND ADDRESS

Belcarra Explorations Ltd.

DESCRIPTION OF DEPOSIT

This area is underlain by sedimentary and volcanic rocks of the Triassic Nicola Group, which strike north and dip 25° to 45° west. Fine-grained granite dykes of Jurassic Age cut these rocks. Chalcopyrite, chalcocite, pyrite and malachite occur disseminated in a feldspar porphyry andesite flow breccia as fillings in fractures striking north 20° east and dipping 45° west and in numerous north-east and north-west striking shears. The mineralized bodies are cut by faults. Sampling over a length of 100 feet and an average width of 17 feet averaged 1.42% copper.

HISTORY OF EXPLORATION AND DEVELOPMENT

These properties are situated eighteen miles north of Princeton at the south end of Missezula Lake at an elevation of about 3,400 feet.

In 1929 the property was held as the Shamrock Group of six claims owned by J. Armstrong and associates; exploration work at the time consisted of trenching.

In 1963 the property consisted of fifteen claims owned by Missezula Lake Mines Ltd. who diamond drilled three holes.

Delkirk Mines Ltd. acquired the Len Nos. 1 to 8 and optioned the Esther Nos. 1 to 31 claims in 1969. These took in the ground covered by the old Shamrock Group. Work by the company included mapping, trenching, diamond drilling in two holes and geochemical survey.

In 1971, Belcarra Explorations Ltd. optioned to purchase the Nellie Nos. 1 to 31 and the Warm Nos. 1 to 8 claims which covered the same ground as the Esther and Lem claims. Work included trenching, geochemical, geophysical, and geological surveys.

HISTORY OF PRODUCTION

In 1929 a small shipment containing 5.78% copper was made.

REFERENCES

Reports of Minister of Mines, British Columbia: 1929,
p. 276; 1963, p. 57.

Geology, Exploration, and Mining; British Columbia Dept.
of Mines: 1969, p. 278.

Mineral Resources Branch; Corporation Files: "Delkirk
Resources Ltd."; "Belcarra Explorations Ltd."

Rice, H.M.A.; Geology and Mineral Deposits of the Princeton
Map-Area; Memoir 243, p. 92, Geol. Surv. of Canada,
1947.

MAP REFERENCES

Maps 888 A & 889 A, Princeton, (Geol. & Topo.), Sc. 1":
4 miles; Accomp. Memoir 243.

*Map 92 H/NE (MI), Tulameen, Sc. 1":2 miles; B.C. Dept. of
Mines and Petroleum Resources, 1969.

Maps 92 H/9, 10, 15 and 16, (Topo.), Sc. 1:50,000.

REMARKS

JULY 1973

BCI 92 H/NE-92.