

NAME OF PROPERTY

SPOKANE

OBJECT LOCATED - showing, Fig. 11, Geological Fieldwork 1976.

UNCERTAINTY IN METRES 300.

Lat. 51°05'20" Long. 123°26'50"

Mining Division Clinton

District Lillooet

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR

DESCRIPTION OF DEPOSIT

The showings occur in biotite hornblende granodiorite of the Coast Range batholith about a quarter mile east of its contact with Cretaceous volcanics. In the area of the workings, the country rock is cut by pre-mineral aplite and alaskite dykes. Often the dykes are altered and locally they are heavily pyritized.

The mineralization is in veins, in shear zones, and along altered fractures in the granodiorite. Sulphides occur both as disseminations in altered country rock and pre-mineral dykes and in veins. Most of the disseminated sulphide is pyrite but chalcopyrite is a prominent vein mineral. The disseminated mineralization is exposed in an irregularly shaped area roughly 500 feet long and from 200 to 300 feet in width, in which the quartz diorite is fractured and cut by small veins of quartz containing many open cavities. Vein walls are lined with quartz crystals and sulphides fill vein cores. Apatite occurs locally as a vein accessory. Chalcopyrite and pyrite predominate in the veins and rare scheelite occurs. Chalcopyrite and pyrite also

p.t.o.

Associated minerals or products - Gold, silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The Spokane showings are located at about 6,700 feet elevation on the east side of Mount McClure, at the head of Amazon Creek, 6 miles southeast of Upper Taseko Lake.

The Spokane group of claims was staked in 1922 by Messrs. Baldwin, Gibson & associates. The Victoria Syndicate, Limited examined the property in 1926 but no further action was taken. The Consolidated Mining & Smelting Company of Canada Limited held an option on the property ("Baldwin group") during 1926-27. Trenching and sampling was carried out.

In 1935 the Spokane group comprised 4 claims owned by J. Cuthbert, C. Holbrook & associates. Trenching was reported. Canadian Exploration, Limited optioned the property in 1956 from the Gadara Copper Syndicate, of Williams Lake. Work by the company included 228 feet of diamond drilling in 3 holes. The option was subsequently abandoned.

The Spokane 1-4 claims, owned by E.E. Holbrook and L.J. Russell, were under option in 1968 to Valnicla Copper Mine Ltd. and Cannoo Mines Ltd. Adjacent ground was held as the Taseko 1-89 claims. Diamond drilling by Cannoo was carried out in the vicinity of Granite Creek, several miles to the east.

In February 1969 Cannoo and Valnicla reoptioned the property to Scurry-Rainbow Oil Limited. Additional claims were acquired to a total of 180, covering several old properties variously referred to as the Spokane, Mother Lode, Mohawk, Limonite, Phair, and Empress. National Nickel Ltd. in 1969 acquired an approximate 23% interest in Valnicla and 53% interest in Cannoo Mines Ltd. Work by Scurry-Rainbow during 1969 included magnetometer and electromagnetic surveys over the Spokane group. In 1970 the holdings were expanded to 248 claims. National Nickel optioned a 20% interest to Sumitomo Metal Mining Canada Ltd. During the year Sumitomo carried out an extensive program including magnetometer, induced potential, and geochemical soil surveys, and 12,340 feet of percussion drilling in 65 holes.

National Nickel Ltd. in 1973 changed its name to Aberdeen Minerals Limited. In 1975 an option on the combined property was given to Quintana Minerals Corporation. Work included 1,350 metres of percussion drilling in 39 holes. The location of this drilling, and that carried out by Sumitomo in

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Mineral Policy Sector, Department of Energy, Mines and Resources. Ottawa
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DESCRIPTION OF DEPOSIT (continued)

occur in pockets of quartz-sericite alteration along pink-altered fractures. The best mineralized veins on the property strike northeast or southeast and are steeply inclined. Samples from an open cut assayed 0.04 oz/t gold, 0.46 to 2.25 ozs/t silver, and 0.78 to 1.77% copper.

REFERENCES

Reports of Minister of Mines, British Columbia:
 1922, p. 139; 1926, p. 191; 1927, p. 204; 1928, p. 213;
 1935, p. F25⁺; 1956, p. 35; 1968, p. 155.

⁺⁺Dolmage, V.; Gunn Creek Map-Area, British Columbia; Summary Report 1928, Pt. A., p. 91, Geol. Surv. of Canada.

Mineral Policy Sector; Corporation Files: "Cominco Ltd."; "Cannoo Mines Ltd."; "Aberdeen Minerals Limited".

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1969, p. 181; 1970, p. 213; 1975, p. E 119; 1976, p. E 132.

Geological Fieldwork, British Columbia Dept. of Mines: 1976, p. 51 ⁺⁺⁺.

George Cross News Letter, March 7, 1983.

MAP REFERENCES

- Map 29-1963, Taseko Lakes, (Geol.), Sc. 1":4 miles, Geol. Surv. of Canada.
- Gun Creek Area, Lillooet District, (Geol.), Sc. 1":4 miles, Fig. 5 - accomp. Report by Dolmage.
- #Generalized geology of Granite Creek property, Sc. 1":1 mile (approx.), Fig. 11, Geological Fieldwork 1976, p. 48, B.C. Dept. of Mines.
- *Map 92 0/3, Warner Pass, (Topo.), Sc. 1:50,000.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

1970 relative to the various claim groups in the area is not known. The potential of the Spokane deposit appears to be only a few million tonnes (Geological Fieldwork, 1976, p. 52). Previous work has established potential reserves of

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

3,500,000 tons averaging 1.99% Cu, 0.111 oz/t Au, 0.56 oz/t Ag (George Cross News Letter, March 7, 1983).
 Genoveva Resource Inc. in 1983 signed a letter of intent to option a 50% interest in the property to Telstar Resource Corporation.

Comp./Rev. By	DMacR	DMacR				
Date	02-80	09-83				