

NAME OF PROPERTY FIL, AU, UOI, TV

OBJECT LOCATED - mine.

UNCERTAINTY IN METRES 50. Lat. 50°00'40" Long. 127°06'10"

Mining Division Alberni District Rupert

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The property is underlain by Lower Jurassic volcanics of the Bonanza Formation, intruded by Jurassic granodiorite. The volcanics strike a few degrees east of north and dip steeply to the west.

Two types of mineral occurrences were noted. The first is a shear which is almost completely filled with a light-coloured fine-grained aplite dyke and sparsely mineralized with pyrite, sphalerite and chalcopyrite. In the second type the shear is partly quartz-filled and the remainder filled by a dark coloured fine-grained lamprophyre dyke. Minerals observed in the quartz were sparsely disseminated pyrite, sphalerite, chalcopyrite, and free gold.

The aplite dyke ranges in width from 2 to 26 inches and averages about 12 inches. The quartz vein ranges from 1 to 30 inches in width and averages 8 inches.

A sample from the shear zone assayed 1.15 oz./ton gold.

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at an elevation of 1,200 to 1,800 feet less than 1 mile south of Amai Inlet in Kyuquot Sound.

The Fil group of 12 unsurveyed claims was staked in 1938 by J.J. Pugh and associates. In 1941 the property was leased by W.H. Patmore and associates from the owners who held the property under the name, Fil Mil Mining Partnership, of Kyuquot.

By 1946 underground development consisted of three adits. No. 1 adit, elevation 1,425 feet, was driven as a crosscut for 15 feet and drift for 100 feet along the mineralized aplite dyke. About 35 feet from the face, a crosscut was driven 30 feet and a drift for 115 feet along the quartz vein and lamprophyre dyke. No. 2 adit, elevation 1,600 feet, was driven as a 145 foot drift along the vein and dyke. No. 3 adit, elevation 1,730 feet, was driven as a 275-foot drift along the aplite dyke.

In 1947 a controlling interest in the lease on the Fil Nos. 1 to 8 and the Lamil Nos. 1 to 4 claims was acquired by the Gibson Brothers. A 15 ton mill and a tram-line were installed but apparently not operated. The mine subsequently closed.

In 1955 the group of claims was leased by Frank Chidley and associates from J.J. Pugh. No. 2 adit was rehabilitated and a small amount of drifting done. No ore shipments were made.

By agreement of June 1973 New Jerico Development Corporation Ltd. optioned 14 claims, the UOI 1-4 and the AU 1-10, from A.B. Thomson. The claims were staked in 1961 by Mr. Thomson. The work in 1973 included trenching along the strike of the shear zone, to tracing the zone for 1,500 feet.

The adjoining TV 1 to 4 claims were staked by W.H. Hudson in 1970 and sold to Brent Olheiser. In October 1973, Lion Mines Ltd. optioned the TV 1 to 4 claims. Work on the property was limited to prospecting. In 1974 minor underground sampling was done. In 1978, David Murphy of Vananda, British Columbia carried out sampling, geological and geochemical surveys. During 1980, Red Mountain Resources Ltd., trenched geochemical anomalies and cleaned out portals. A shipment of float and dump material weighing 2,526 lbs averaged 1.74 oz Au/ton. Samples taken from the adits from 0.13 oz Au/ton, 0.17

p.t.o.

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Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

oz Ag/ton over 7 inches to 16.301 ozs Au/ton, 0.50 ozs Ag/ton across 8 inches. In 1982, the occurrence was optioned by Cal-Denver Resources Ltd. as part of the 32 unit Adarn; Stone Nipples; Remarkable; Phill Mill; Cachalot; Ameir Gold; Narrowgut claims.

REFERENCES

Reports of Minister of Mines, British Columbia: 1946, pp. 177-8; 1947, p. 180; 1955, p. 78.

Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, p. 59, Geol. Surv. of Canada, 1974.

Mineral Development Sector; Corporation Files: "New Jericho Development Corporation Ltd."; "Lion Mines Ltd."; "Cal-Denver Resources Ltd.".

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1974, p. 209.

Province of British Columbia; Ministry of Energy, Mines and Petroleum Resources, Exploration in British Columbia, 1978, p. E 181.

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MAP REFERENCES

- Map 4-1974, Alert Bay-Cape Scott, (Geol.), Sc. 1:250,000 - accomp. Paper 74-8, Geol. Surv. of Canada, 1974.
- *Mines and Mineral Occurrences of Alert Bay-Cape Scott area, Sc. 1:250,000, Fig. 15 - accomp. Paper 74-8, Geol. Surv. of Canada, 1974.
- *Map 92 L/3 E, Kyuquot, (Topo.), Sc. 1:50,000.
- Map 1736 G, Kyuquot, (Aeromag.), Sc. 1":1 mile.

REMARKS

Comp./Rev. By	LJ	LJ	JL				
Date	10-75	12-76	12-82				