

NAME OF PROPERTY VICTOR, NIGHT HAWK, BONNIE ET TA (BIG ONION)

OBJECT LOCATED - center of Victor claim (Lot 1340).

UNCERTAINTY IN METRES 100. Lat. 50°39'50" Long. 120°26'35"

Mining Division Kamloops District Kamloops

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The property lies on the north edge of the Iron Mask batholith. Rock types within the batholith include micro-diorite, diorite, and gabbro. In the Larsen workings, the No. 1 zone of mineralization strikes westerly in diorite on the north side of a faulted contact with picrite-basalt which is altered largely to pyroxene, hornblende, and biotite. The diorite is largely altered to a replacement breccia containing pink veins of orthoclase feldspar, magnetite, and chalcOPYrite. Locally on the Night Hawk claim, diorite contains disseminated chalco-pyrite. The Bonnie Etta workings are on an easterly striking fault zone about 6 feet wide.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located west and south of Bowers Lake, about 4 miles west-southwest of Kamloops. The claims adjoin the Iron Mask mine on the north.

The Bonnie Etta claim was staked in about 1897 and Crown-granted (Lot 881) to J. Armstrong and B. Wallace in 1902. The workings include an adit 55 feet long and a shaft of unknown depth. Ore was shipped from these workings in 1929. The Victor (Lot 1340) and Norma (Lot 1302) claims were Crown-granted in 1905 to The British Columbia Trust Co. Ltd.

The Night Hawk claim (Lot 1747) was owned in 1899 by O.S. Batchelor and J.C. McLaren and reported to be under bond to G.F. Monckton, representing English capital; the workings at that time included a 50 foot adit. By 1905 the claim was owned by J. Fenton and under option to Messrs. Gwin, Shaw, Jowell, and McGee. A shaft (Larsen shaft) had been sunk and a drift run on the vein. The claim was Crown-granted in 1915 to J.F. Shaw.

Kamloops Copper Company Ltd. was incorporated in October 1951 to acquire about 40 claims, including the above Crown-grants and the adjacent Iron Mask property. Early in 1952 Berens River Mines Limited, a Newmont Mining Corporation subsidiary, optioned the property. The Larsen shaft, inclined 60° south, was deepened to 100 feet. At 90 feet a drift was driven westerly for 65 feet and 400 feet of diamond drilling done from the face. An electromagnetic survey was carried out and four surface diamond drill holes put down in the vicinity of the Larsen and Bonnie Etta workings. This work failed to find ore and the option was dropped. In 1956 the company unwatered the Larsen shaft and from the 90 foot level drove a crosscut southwesterly for 290 feet. Drifts were run 100 feet east and two others, 65 feet and 135 feet west, respectively. Four holes totalling 1,400 feet were diamond drilled from the end of the crosscut. An electro-magnetic survey was carried out over an area measuring 6,000 by 6,000 feet. The company name was changed in 1964 to Kamloops Copper Consolidated Ltd.

Vanco Explorations Limited optioned this and a number of adjacent properties in September 1965. Limited geophysical work and diamond drilling were carried out until May 1966 when the option was terminated; none of the work, as far as is known, was carried out on this property.

see Card 2

HISTORY OF PRODUCTION

In 1929, 33 tons of ore were shipped from the Bonnie Etta claim. From this ore 8 ounces of gold, 26 ounces of silver, and 6,386 pounds of copper were recovered.

MAP REFERENCES

Eastern Part of the Iron Mask Batholith, (Geol.), Sc. 1": 1 mile, Fig. 13, Report of Minister of Mines, British Columbia, 1967, p. 137.
 Map 887 A, Nicola, (Geol.), Sc. 1":4 miles - accomp. Memoir 249, Geol. Surv. of Canada.
 Iron Mask Mine, (Geol.), Sc. 1":400 ft., Fig. 5, Report of Minister of Mines, British Columbia, 1956, p. 59.
 Map 5216 G, Kamloops, (Aeromag.), Sc. 1":1 mile. (1968).
 #Map 92 I/9, Kamloops, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR	DMacR	DMacR	DMacR	DMacR	DMacR	
Date	4-73	8-78	02-82	05-84	04-87	07-89	

REFERENCES

- +Carr, J.M.; Deposits Associated With the Eastern Part of the Iron Mask Batholith Near Kamloops; Report of Minister of Mines, British Columbia, 1956, pp. 58-60.
- ++Preto, V.A.G.; Geology of the Eastern Part of Iron Mask Batholith; Report of Minister of Mines, British Columbia, 1967, pp. 137-141.
- Reports of Minister of Mines, British Columbia: 1899, p. 732; 1901, p. 1230; 1902, p. 303; 1905, pp. 195, 256; 1915, p. 450; 1965, p. 156; 1966, p. 148.
- Mineral Policy Sector; Corporation Files: "Comet Industries Ltd."; "Initial Developers Limited"; "Davenport Industries Ltd."; "Getty Mining Pacific, Limited"; "Canadian Superior Exploration Limited"; "Canadian Superior Oil Ltd."; "Teck Corporation".
- Geology, Exploration and Mining; British Columbia Dept. of Mines: 1972, p. 197; 1973, p. 199; 1976, p. E 99; 1977, p. E 154; 1978, p. E 167.
- Exploration in British Columbia; BCDM: 1981, p. 38.
- Iron Mask Area Copper Property; Initial Developers Limited, Filing Statement 164/86.
- George Cross News Letter: 1987, No. 169; 1988, No. 181

NAME OF PROPERTY VICTOR, NIGHT HAWK, BONNIE ETTA (BIG ONION)

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

The company, Kamloops Copper Consolidated, amalgamated with Midland Petroleum, Ltd. and Consolidated Prudential Mines Ltd., in February 1972 to form Davenport Oil & Mining Ltd. In March 1972 an exploration and development option was given to Comet Industries Ltd. and a subsidiary company, Initial Developers Corporation Limited. A large anomaly was outlined by an induced potential survey and confirmed by magnetometer and electromagnetic surveys. The anomaly, referred to as the Big Onion zone, is located between Iron Mask and Bowers Lakes and extends from the Davenport property westerly into the adjoining property (92 I/9, Ref. Cu 8) of Comet Industries Ltd. Drilling to October 1972 indicated reserves of 4,000,000 tons averaging 0.6% copper (Western Miner, October 1972, p. 85). The 1972 work included 6,500 feet of surface diamond drilling in 13 holes, 1,200 feet of rotary drilling in 2 holes, and 4,200 feet of percussion drilling in 12 holes.

In December 1972 Getty Mining Pacific, Limited optioned 120 contiguous claims in the combined properties (Victor, Iron Mask, Iron Cap and DM (92 I/9, Cu 1, 7-9) held by Comet, Initial and Davenport. Work by Getty in 1973 included an induced potential survey over 58 line-miles, a magnetometer survey over 54 line-miles, 6,839' of rotary drilling in 8 holes, 1,852' of diamond drilling in 2 holes, and 50,897' of percussion drilling in 159 holes. Among these holes, 25 were spaced over a 2 mile by 3 mile area. The option was given up in 1974.

Davenport Oil & Mining changed its name in 1973 to Davenport Industries Ltd. Initial Developers Corporation in May 1974 amalgamated with North Pacific Mines Ltd under the name Initial Developers Limited.

Canadian Superior Exploration Limited optioned the above combined properties and the adjacent Rainbow property for a total of some 5,400 acres. Work in 1976-78 included a magnetometer survey over 89 line-k, 8,064 metres of diamond drilling in 47 holes and 4,211 metres of percussion drilling in 48 holes. The option was terminated in 1978.

Craigmont Mines Limited in February 1981 obtained an exploration agreement on the above four properties and on the adjacent Rainbow property (92 I/9, Cu 5) of Pacific Seadrift Resources. Craigmont completed some 5 579 m of diamond drilling in 34 holes. This work indicated insufficient tonnage and the option was terminated in September 1981.

Kamloops Copper in 1972 amalgamated with others to form Davenport Industries Ltd. Ownership of the property was subsequently held by Davenport (30 %) and associate companies Comet Industries Ltd (40%) and Initial Developers Limited (30%). Work by the owners in 1983 included geophysical surveys over 13 km and diamond drilling. Work to date by owners and optionees has been interpreted to give the Big Onion Zone an estimated reserve of 2,400,000 tonnes at 0.84% Cu, 0.4 g/mt Au, 8 g/mt Ag (Initial Developers Limited, Filing Statement 164/86).

Teck Corporation and Metall Mining Corporation, through Afton Operating Corporation, in August 1987 obtained from Davenport, Comet, and Initial a 10 year exploration option on the Victor property and adjacent ground.

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