

NAME OF PROPERTY **BROOKLYN, STEMWINDER, IDAHO**

LOCATION—center of Brooklyn claim (Lot 796).

Lat. 49°06'10" Long. 118°36'

Radius of uncertainty - 50 metres.

Mining Division **Greenwood** District **Similkameen**

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

OWNER OR OPERATOR AND ADDRESS

The Granby Mining Company Limited.

DESCRIPTION OF DEPOSIT

The country rocks are mainly Palaeozoic limestone, greywacke, and greenstone of the Anarchist group, overlain by Tertiary arkose, sandstone, and volcanic flows. The youngest rocks are intrusive vulaskite porphyry, occurring as sills, dykes, and small irregular stocks. The orebodies occur in skarn formed by the Metamorphism of the Anarchist limestone.

In the Brooklyn mine the ore zone is characterized by abundant epidote, and by lime silicates, with some specularite, garnet, calcite, and quartz. The mineralized zone was from 20 to 150 feet wide and had a northerly striking length of about 1,800 feet. The lime silicate rock was mineralized with pyrite and chalcopyrite within a zone containing several northerly striking faults. The stemwinder orebody occurred in a limestone breccia formed by two main fault sets striking northwesterly and northeasterly with variable dips. The orebody was a northerly striking fault block of limestone breccia which have been partly recrystallized as coarse-grained calcite containing irregular veinlets and larger masses of
see Card 2 ...

Associated minerals or products of value - Gold, silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at Phoenix, 3 miles east of Greenwood. The claims lie mainly on the north side of the broad shallow valley of Twin Creek, with the exception of the Idaho claim which extends across the valley bottom. The Brooklyn mine is located about 1,200 feet northwest of the Stemwinder.

The Brooklyn and Idaho claims were staked in 1891 by J. Taylor, D. McLaren, and associates, of Greenwood, and Crown-granted (Lots 796 and 891) in 1898 and 1899, respectively. The Stemwinder claim (Lot 888) was staked in 1891 by J. Attwood and J. Schofield. Messrs. Farrell and Migeon, of Butte, acquired an interest in the property and this interest was purchased by MacKenzie and Mann and associates, of Toronto, in 1898. They incorporated The Dominion Copper Company, Limited, in May 1899 and development work began. By 1906 the workings included 3 shafts and about 1.5 miles of drifts and crosscuts. The mine produced a considerable tonnage, largely from the Brooklyn claim, during the period 1901 to 1908 although production was not continuous during that period. Meanwhile the ownership underwent several reorganizations and operations were carried on by the Montreal & Boston Consolidated Mining and Smelting Company, Limited, incorporated in 1904, by the Dominion Copper Company, incorporated in about 1905 in New York, and finally by the New Dominion Copper Company, Limited, incorporated in 1909. Subsequent operations were confined largely to the Rawhide claim which is located about a mile to the southeast (see 82 E/2, Ref. Cu 10). In 1910 a majority interest in New Dominion Copper was acquired by The British Columbia Copper Company, Limited, of Spokane. In 1915 this company came under control of Canada Copper Corporation, Limited, of New York. The Brooklyn workings were pumped out in 1918 and rehabilitation work began but the company closed out all its operations in November of that year.

The Stemwinder claim was leased by J. Cunningham, of Phoenix in 1919 but no work was reported. By 1926 the property had been acquired by R. Forshaw, of Greenwood. Pacific Tidewater Mines Limited acquired an option in 1928 and a new adit was begun on the Stemwinder before the option was given up the following year. Later in 1929 Hercules Consolidated Mining, Smelting and Power Corporation, Limited, optioned the property and the new adit was extended to 75 feet before the option was given up.

BC Ref 82 E/SE-13, 14

see Card 2

NAME OF PROPERTY **BROOKLYN, STEMWINDER, IDAHO**

LOCATION

Lot. Long.

Mining Division

District

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Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT (continued)

chalcopyrite and pyrite. The orebody, bounded on both sides and below by faults, was 110 feet long, 60 feet wide, and 40 feet deep.

HISTORY OF EXPLORATION AND DEVELOPMENT

Brooklyn-Stemwinder Gold Mines, Limited, was incorporated in 1933 to acquire the Stemwinder, Standard Fraction, Joker, Montezuma, New York, and Brooklyn claims. Intermittent exploration work was carried out by the company and by lessees. W.E. McArthur leased the property in 1937 and some 100 feet of drifting and 300 feet of raising was done. Production of some 34,000 tons is believed to be entirely from the Brooklyn. The lease was given up in March 1940. The company resumed exploration work in 1946 with a diamond drill program which was completed in 1947. Several zones of mineralization were indicated and these were investigated by underground work during 1948-1949, including 265 feet of crosscut adit, 125 feet of drifting, and 1,170 feet of diamond drilling in 22 holes. The mine closed in 1949 and the company charter was surrendered in 1952. Columbia Copperfields Ltd. apparently held the property in the 1950's but no work was reported. Continental Consolidated Mines Ltd. acquired the property in 1959 and underground work was carried on until mid December; ore recovered from the Stemwinder workings was shipped the following year to the Granby concentrator.

The Granby Mining Company Limited purchased the property in 1963. An open pit was established on the Idaho claim from which during 1963-1964, 140,361 tons of ore were removed. During 1966-1967 an open pit on the Stemwinder claim produced 69,819 tons of ore.

Kettle River Pass. Nov. Dec. 1950

HISTORY OF PRODUCTION

Production from the Brooklyn, Stenwinder, and Idaho claims for the period 1900-1949 totalled 321,890 tons. From this ore 27,459 ounces of gold, 110,361 ounces of silver, and 7,845,774 pounds of copper were recovered. Subsequent production by Granby has not been recorded separately. (See: Phoenix, 82 E/2, Ref. Cu 2).

MAP REFERENCES

Map 6-1957, Kettle River, East Half, (Geol.), Sc. 1":4 miles.

Preliminary Map 45-20 A, Greenwood-Phoenix, (Geol.), Sc. 1":800 feet - Accomp. Paper 45-20.

Map 16 A, Phoenix, (Geol.), Sc. 1":400 feet - Accomp. Memoir 21.

*Map 82 E/2, Greenwood, (Topo.), Sc. 1:50,000.

REMARKS

REFERENCES

White, W.H.; Brooklyn-Stenwinder Gold Mines; Report of Minister of Mines, British Columbia, 1949, pp. 149-155.

Seraphim, R.H.; Geology and Copper Deposits of the Boundary District, British Columbia; Canadian Institute of Mining and Metallurgy, Transactions, Vol. 59, 1956, pp. 384-394. (Copy in Attwood Copper Mines file).

LeRoy, O.E.; The Geology and Ore Deposits of Phoenix, Boundary District, British Columbia; Memoir 21, pp. 94-102, Geol. Surv. of Canada, 1912.

Reports of Minister of Mines, British Columbia: 1894, p. 756; 1895, p. 703; 1896, p. 578; 1897, pp. 592, 593, 594; 1898, pp. 1123, 1195; 1899, pp. 771, 849; 1900, pp. 877, 880; 1901, p. 1054; 1902, p. 176; 1903, p. 165; 1904, p. 211; 1905, p. 179; 1906, p. 157; 1907, p. 110; 1918, p. 209; 1919, p. 166; 1926, p. 215; 1928, p. 247; 1929, p. 257; 1930, p. 223; 1932, p. 129; 1933, p. 160; 1934, p. D8; 1936, p. D55; 1937, p. D33; 1938, p. D38; 1939, p. D33; 1940, p. 75; 1946, p. 135; 1947, p. 157; 1948, p. 127; 1959, p. 58; 1960, p. 66; 1961, p. 65; 1963, p. 68; 1964, p. 111; 1966, p. 194; 1967, p. 227.

Mineral Resources Branch; Corporation Files: "The Dominion Copper Company, Limited"; "New Dominion Copper Company, Limited"; "Brooklyn Stenwinder Gold Mines, Limited"; "Hercules Consolidated Mining, Smelting and Power Corporation, Limited"; "Continental Cinch Mines Ltd."; "The Granby Mining Company Limited".