HISTORY OF EXPLORATION AND DEVELOPMENT

The Hudson group covers part of the narrow divide between Pearce and Simlock creeks some 15 miles southeast of Barkerville.

The showings were apparently discovered and staked in 1922 by I.E. Moore and Fred Wells, of Barkerville. Samples from oxidized vein outcrops gave interesting values in gold, lead, and tungsten. Underground exploration began early in 1923 in an adit driven in the south bank of Pearce creek at the 5,500' elevation. A new adit was driven in 1929 about 70' above the original adit.

Cariboo Amalgamated Gold Mines, Limited was incorporated in July 1933 to acquire the Hudson property from the Moore Estate and Fred Wells, and several other properties including the adjacent Cunningham group (92 A/14, W 3); no work was reported on the Hudson.

Cariboo-Hudson Gold Mines, Limited was incorporated in November 1936 to acquire the assets of the former company. The Hudson, Cutler, Black Martin and Cunningham groups (Lots 9816-21, 10596, 10597, and 5905-17) were Crown-granted to the company in 1938. The main (200 level) crosscut adit at approximately 5,600' elevation was driven over 2,000' through the divide to the Simlock creek side during 1937. In 1938 a winze was sunk from the 200 level and the 250 and 300 levels established. The 600 level adit was driven from the Simlock creek side and a raise put up to 300 level. A 100 ton per day cyanide mill was put into operation in September 1938. Ore was stope from the 200 level to the surface 90 to 100' above, and between the 250 and 200 levels. Exploration and development during 1939 included 1,052' drifting, 400' raising, and 3,197' of diamond drilling. This work failed to locate additional reserves and the mine and mill closed on August 8, 1939. The mine workings comprised about 8,000' of drifts and crosscuts on 5 levels connected by a winze; most of the work was on the 200 and 600 levels which were opened up for distances of some 3,800 and 3,700' respectively. Trenching and stripping was carried out on the Hudson (Lot 9816) and Shasta (Lot 9820) claims in 1940.

Cariboo-Hudson Gold Mines (1946) Limited was incorporated in March 1946 to acquire the assets of the former company. Work during 1946-47 included about 400' of exploratory drift-
HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

During 1938–39, 13,492 tons of ore were milled at this property. From this ore 5,186 ozs gold and 2,626 ozs silver were recovered.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:


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Little, H.W.; Tungsten Deposits of Canada; Economic Geology Series No. 17, p. 70, Geol. Surv. of Canada, 1959.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy; 1938, Rept. 73 b, pp. 30-46 (No. 792).


BCI 93 A - 71
parallel to the beds. At the north end the vein swings away from the Hudson shear along the foliation planes of the quartzite. The quartz vein was mineralized with pyrite, galena, and scheelite.

Several northerly shears approximately parallel to the Hudson shear lie east and west of it. To the west, on the footwall side, the Shasta shear was explored on the 200 level to the south and found to contain no ore. Seventy-five feet east, on the hangingwall side, is a fault marked by a broken zone 10 to 12 feet wide dipping 55 to 70 degrees east and containing no ore. Three hundred and sixty feet east the 605 shear was followed by a drift for 150 feet on the 200 level. It is occupied by quartz, and the average of company sampling at regular intervals, including four gold assays higher than 0.50 ounce of gold per ton, is about 0.25 ounce of gold per ton. Fifty feet west of the Hudson shear on the footwall side a shear was explored by the 635 drift, which opened a 55-foot length of vein assayed about 0.20 oz/t Au over a width of slightly more than 2'. The mill was sold and removed from the property in 1948. Work by the company in the 1950's was confined to a tungsten showing on the Cutler and Cunningham claims (93 A/14, W 3).

The Hudson and Cunningham properties, comprising Mineral Lease M-32, was owned in 1973 by Guy B. Allen. T.V.I. Mining Ltd and Athabasca Columbia Resources Ltd optioned the property and carried out electromagnetic and magnetometer surveys over 20 line-miles and a geochemical soil survey (296 samples). The company name (TVI) was changed in 1974 to Resoursex Ltd, owned by Athabasca (50%) and The Pitcairn company. Work during 1976-78 included further geophysical and geochemical surveys, and 454 metres of surface diamond drilling in 5 holes; one hole cut 12.5' of quartz vein material assaying 0.88 oz/t Au (Application for Listing 11/80).

Invex Resources Ltd in January 1979 acquired 100% interest in Resoursex Ltd through a share transaction. Diamond drilling in 1979-80 indicated approximately 3,000 tons at 0.65 oz/t Au (Invex, Filing Statement 127/81); a mining contractor began mining and shipping this reserve in 1980. In September 1980 Invex amalgamated with Western Rolling Hills Mines & Oils Limited under the name Invex Resources Limited. In December 1981 Invex amalgamated with Risby Tungsten Mines Ltd and Imperial Metals and Power Ltd under the name Imperial Metals Corporation. Work in 1983 included over 500 m of diamond drilling in 12 holes; assays ranged from traces to 2.6 oz/t Au and 8.6 oz/t Ag across 0.9 metre vein width. Additional work in the 1980-83 period included geochemical soil (1,624 samples) and rock (29 samples) surveys. In 1984 over 1 000 m of diamond drilling was carried out. The 200' level was reopened in 1985. Drilling on two veins indicated 60,000 tons at 0.4 oz/t Au, 0.5 oz/t Ag (Imperial Metals Corp. Listing Statement, July 1985).

| NAME OF PROPERTY | CARIBOO HUDSON (HUDSON) |
| DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT | (continued) |
| HISTORY OF EXPLORATION AND DEVELOPMENT | (continued) |

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR