

depth. I found this tunnel had been driven 1,025 feet, at which point it intersected the ore on its downward dip. This was at a depth of about 330 feet on the slope of the vein, approximately 200 feet vertically below the bottom of the shaft.

"The fire ore channel encountered in the tunnels, news of which was received by the company early in December, measured five and one-half feet in width, four feet of which averaged 5.9 per cent. copper and 3 ounces in silver, while 16 inches alongside of it averaged 14.9 per cent. copper and 6.8 ounces in silver. At the time of my examination, January 14th, the ore body had been opened by drifts extended 57 feet northerly and 14 feet southerly, or an aggregate distance of 71 feet. At one point an average sample taken across the entire width of the drift gave results of 7.3 per cent. copper and 3.1 ounces in silver.

"Drifting is proceeding steadily at a satisfactory rate. It is the purpose of the management to increase the working crew to make faster progress. After sufficient development, and as soon as the equipment for economical extraction can be installed, the stoping of ore will begin, with a view to placing the property on a shipping basis as early as possible.

"The surface showings are impressive. The mineral zone varies in width from 15 to 100 feet, and has been opened up at 13 to 15 points on the surface for 3,200 feet along the strike of the vein. The main ore vein within the zone is 5 to 12 feet wide. Samples from these openings reveal a copper content ranging from 5 to 15 per cent. and half an ounce of silver to the per cent. of copper. At one point there is exposed on the surface 10 to 12 feet of high grade chalcopyrite.

"Owing to the fact that the vein had flattened out considerably at depth it was found necessary to extend the tunnel several hundred feet further than originally calculated; otherwise the ore zone would have been reached several months ago.

"The Cassiar Crown group consists of five claims situated four and one-half miles in a direct line from Walcott station on the Grand Trunk Railway, 260 miles east of Prince Rupert, the western terminus. It is situated at an elevation of 4,100 feet, or 2,000 feet above the railway.

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"A tramway four and one-half miles long will be built from the portal of the main tunnel to the railway, thus connecting the main tunnel with the railway at the nearest point. The property is served with a fair wagon road, which with some changes can be put in shape for hauling ore."

BRITISH COLUMBIA

The Mineral Province of Western Canada

TO END OF DECEMBER, 1916

Has produced Minerals valued as follows: Placer Gold, \$74,620,103; Lode Gold, \$91,350,784; Silver, \$41,358,012; Lead, \$36,415,124; Copper, \$114,559,364; Other Metals (Zinc, Iron, etc.), \$7,212,759; Coal and Coke, \$165,829,315; Building Stone, Brick, Cement, etc., \$26,697,835; making its Mineral Production to the end of 1916 show an

Aggregate Value of \$558,560,715

Production for Year Ending December, 1916, \$42,290,462

The Mining Laws of this Province are more liberal and the fees lower than those of any other Province in the Dominion, or any colony in the British Empire.

Mineral locations are granted to discoverers for nominal fees.

Absolute Titles are obtained by developing such properties, the security of which is guaranteed by Crown Grants.

Full information, together with mining Reports and Maps, may be obtained gratis by addressing—

THE HON. THE MINISTER OF MINES
VICTORIA, British Columbia.