

above forty per cent. metallic iron; 50,000,000 tons of probable ore carrying above forty per cent. metallic iron; 50,000,000 tons of possible ore carrying forty per cent. of metallic iron. He gave no consideration to samples of partly mineralized rock assaying 20.2 and 16.4 per cent. iron.

Mr. Brewer reports that assays of the samples show that the material classed as ore contains from forty-one to fifty per cent. metallic iron; that four out of nine samples contained only a trace of phosphorus, one sample 0.04 per cent., and the remaining four 0.23 per cent., 0.21 per cent., 0.85 per cent., and 0.52 per cent. respectively. These results place five of the samples within the Bessemer limit and the remaining four above that limit, but not in excess for the basic or open hearth process of making steel. The report states that the ore can be used either in a blast furnace as the entire charge of iron ore, or will make a most desirable mixture for combination with the magnetite ore of the province.

The whole four units of the decrepitating plant at the Rock Candy mill, 20 miles north of Grand Forks, are now completely installed and are giving entire satisfaction in operation, according to Superintendent A. R. Robertson. The mill is now operating at full capacity and handling about 100 tons of ore daily, which is transmitted from the Rock Candy mine in buckets over an aerial tram line. The fluorite ore is being shipped to chemical plants in Indiana. The first three carloads were shipped last week and from now on there will be regular train shipments about twice a week. There is a storage bin at the mill for the concentrates from which the cars are loaded for shipment. There are 16 men employed at the mill and about 30 men at the mine.

The Consolidated Company has abandoned the Fitzsimmons group of copper claims at Alta Lake, on the P.G.E. Railway, on which it took a bond for \$200,000 last fall. A camp was established and work started, but was later suspended for the winter. There was a question of reducing the purchase price last spring, but no amicable arrangement could be arrived at and the company withdrew.

The Silversmith Mine, formerly known as the Slocan Star, a property over which there has been considerable

costly litigation, was the subject of a recent transaction whereby Mr. J. M. Harris, of Sandon, gave an option to Mr. B. Cohen, of Spokane, on 250,000 shares of common stock for \$60,000, retaining his preferred stock.

This is twenty cents per share, making, on that basis, the total valuation of the property about one million. It is suggested that Mr. John White, of Spokane, is behind the purchase, and that the stock will be listed in New York.

Shipments from the Cork-Provence Mine, near Ainsworth, have been suspended pending the arrival of needed equipment. In the meantime considerable ore has been accumulating, there being several carloads of concentrates and a carload of ore on hand. The report of engineers recommends the expenditure of \$100,000 on the development of the property.

On the Lincoln Group, near Blaylock, Ainsworth district, bonded by Mr. J. H. Thompson and associates, a four-foot vein of shipping ore has been uncovered, the greater part being galena, the whole averaging, it is estimated, forty per cent. lead, with good silver values. Three cars of ore will be shipped shortly and a larger camp will be erected next Spring.

The Granby Mining, Smelting & Power Co., at its Anyox plant treated during the month of September, 55,821 tons of ore, recovering 1,600,000 pounds of copper.

The Dolly Varden mine, on Alice Arm, shipped 1,973 tons of ore to the Granby smelter at Anyox.

S. G. Blaylock, who for 20 years has been connected with the Consolidated Mining and Smelting Company of Canada, Limited, has been elected general manager of the concern.

Mr. A. J. Taylor, just returned from the Dolly Varden mine, Alice Arm district, reports daily production of 100 tons of ore, with regular shipments continuing to the Granby smelter at Anyox as long as weather permits. The first shipment was made by the Taylor Engineering Company last week. Recent litigation by which the mine passed to the ownership of the Taylor Company in payment for a standard gauge railway line built, brought the property considerable publicity.

BRITISH COLUMBIA

The Mineral Province of Western Canada

TO END OF DECEMBER, 1918

Has produced Minerals valued as follows: Placer Gold, \$75,436,103; Lode Gold, \$97,121,786; Silver, \$46,839,631; Lead, \$42,294,251; Copper, \$145,741,060; Other Metals (Zinc, Iron, etc.), \$13,278,058; Coal and Coke, \$187,147,652; Building Stone, Brick, Cement, etc., \$28,843,272; Miscellaneous Minerals, \$651,759; making its Mineral Production to the end of 1918 show an

Aggregate Value of \$637,353,581

Production for Year Ending December, 1918, \$41,782,474

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.

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