Mining Throughout British Columbia

Receipts at Trail Smelter—Mountain Chief Bonded—Utica Mine Development—Record Year for Granby Predicted—Kootenay Power Earnings.

Shipments of ore to Trail smelter during the third week of January totaled 8579 tons. Shipments were made by 20 mines, of which two are in the Rossland district, three in East Kootenay, five in the Slocan and Ainsworth, one in the Boundary, one at Kamloops, one at New Hazelton, two in the Nelson district and five in the United States. Rossland mines contributed 3930 tons of the total. Shipments in detail follow:

Centre Star, Rossland	1183
Le Roi, Rossland	2747
Electric Point, Boundary	222
United Copper, Chewelah	101
Sullivan, Kimberley	2139
Rambler Cariboo, Rambler	34
Knob Hill, Republic	120
Queen Bess, Sandon	83
Iron Mask, Kamloops	42
Standard, Silverton	107
Loon Lake, Loon Lake	72
Emma Coltern	1246
Silver Standard, New Hazelton	33
St. Eugene, Moyie	31
Paradise, Athalmer	119
Emerald, Salmo	186
Columbia Turk, Davenport	29
Molly Gibson, Kittos Landing	42
Bluebell, Riondel	9
Lucky Thought, Silverton	14
Total	8579

—NELSON NEWS

G. S. McCarter, of Calgary, Alta., has bonded the Mountain Chief group of four claims, 2¼ miles from Renata, B. C., from Fred A. Estey, of Calgary, E. H. McDaniels and Guy Thomas, of Renata, T. H. Williamson, of Vernon, Owen Wheeler, of Rock Creek, and Marvin McDaniels, of Pass Creek. The price is not stated. Mr. McCarter is acting for eastern capitalists, W. A. Wayne, of Calgary, mining engineer, has examined the mine.

The ore is copper-silver-gold and lies in a large deposit which can be quarried, without tunneling or drifting. Assays give average values of about 8 per cent. in copper, four ounces in silver and $2 in gold. Sixty tons have been shipped and 40 tons lie on the dump in readiness for shipment.

It is estimated that the ore can be mined, transported and treated for a gross cost of $7 per ton. The freight rate from Renata to Trail is 90 cents per ton. Mr. McCarter states that the ore opened up by a big open cut and by other open cut work on the property is not less than 10,000 tons. The main open cut exposes the ore on a face of 75 feet, without reaching the end or sides of the deposit.

Shipments are to be continued, but Mr. McCarter is proposing to let a contract for diamond drill operations designed to prove the extent of the ore body. A two-bucket tramway, about 1,500 feet long, is to be built to carry the ore from the mine workings to the creek level below, whence it car be hauled by teams over the road to Renata.

Mr. McCarter stated on his return from an inspection of the property that he could hardly imagine more favorable conditions for mining than those prevailing at the Mountain Chief. The property, he pointed out, is near to transportation and to the smelter, it is in a location where the snowfall is so light that there is no difficulty in carrying out winter operations, ample timber and water, both for power and other use, are available and just below the property is a fine power site upon which a good head can be obtained.

Renata is being connected by a telephone line, now under construction, with Nakusp and West Robson. There is a sawmill at Renata from which lumber can be secured.

The ore is chalcopyrite and bornite, with the values tending to increase as greater depth is attained, Mr. McCarter stated.

Utica Mines, Ltd., operating about seven miles from Adamant, on the Kaslo-Slocan branch of the Canadian Pacific railway in the Slocan district, is rapidly developing into a promising property.

Work has been quietly prosecuted for several years under the direction of men thoroughly proficient in the mining business and under personal management of W. M. Archibald, mines manager of the Consolidated Mining & Smelting company, of Canada. While no direct statement is procurable, it is believed that control of the capital stock is at this time under option to Consolidated and that it will be exercised when due.

At any rate, it is certain that the property has been developed with more than usual success, until at this time it is shipping high grade ore to the extent of around $25,000 a month and has piled up a surplus which had reached $40,000 last month and must now be considered greater. It is said upon good authority that the surplus will be close to $100,000 by March 1.

Rumors of early dividend declaration have been prevalent for the past two weeks, but so far no action has been taken by the directors. It is understood, however, that they will meet in Nelson within a short time to consider the situation thoroughly. It is reliably reported that shipments for December were four carloads of silver-lead ore and that the net return was $27,000. Expenses are running about $4,000 per month, a force of 25 men being employed.

Two main veins have been developed to a maximum depth of 1,200 feet below the mountain ridge upon which original discoveries were made. Production is confined to levels No. 3 and No. 4. The former is 800 feet vertically below No. 2, with which it has not yet been connected. On this level two shoots of high-grade ore, varying in width from a few inches to two feet, have been developed. One is 200 feet long and the other about 50 feet longer. Both shoots are being stoped above this level. No. 4 level is 220 feet vertically below No. 3. The shoots exposed in No. 3 have been defined and found to be over 650 in length. Stoping is being conducted above this level. No. 5 level was started three months ago and will tap these ore bodies at further vertical depth of 350 feet. It will reach the two veins within approximately 1,800 feet and should be completed late this year.

During 1916 the property shipped approximately 1,000 tons of silver-lead ore, averaging 170 ounces in silver and about 22 per cent. lead, and 75 tons of silver-zinc ore, averaging 43 per cent. zinc and 145 ounces silver worth approximately $140,000 and all consigned to the Trail smelter under satisfactory rates. Shipments are now being maintained at the rate of approximately $25,000 gross per month and there is said to be enough ore in sight to maintain this rate for some time to come without development of further reserves.

A record year is predicted for Granby Consolidated Mining, Smelting & Power Company during 1917. As production last month showed a gain of about 900,000 pounds, over December, 1915, and Granby is fast taking steps to