

Mining Throughout British Columbia

Receipts at Trail—Le Roi Earnings—Sale of Royal Group—Phoenix Operations to Cease—Atlin Magnesite—Mining Notes.

The following is a list of the ore received at the Trail smelter, during the week ending April 7th, 1920:

Mine.	Location.	Gross Tons.
Donohue, Nicola		35
Emerald, Salmo		41
Josie, Rossland		172
North Star, Kimberley		86
Ptarmigan, Athalmer		25
Spokane Trinket, Ainsworth		46
Sullivan (zinc), Kimberley		3978
Sullivan (lead), Kimberley		205
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The Granby Consolidated Mining, Smelting & Power Co. treated during the month of February, 1920, 57,300 tons of ore, recovering 2,106,000 pounds of copper.

The Le Roi No. 2, owner of the Josie and other mines at Rossland, B.C., disbursed an interim dividend of a shilling a share, or a total of about \$30,000 on March 4, according to a London, Eng., report from Leonard Rowell, secretary. The dividend was subject to an income tax.

The company suffered a deficit of about \$650 for operations in the year ended on September 30, 1919, but had a surplus of \$100,000 at the credit of the profit and loss account from which the dividend was disbursed.

The shipments to smelters aggregated 15,317 tons, having an average value of \$17.27 a ton, as compared with 19,642 tons, having an average value of \$17.91 in the last previous years.

The annual review says the company performed 1,316 feet of work, of which 946 were in drifts, 39 in crosscuts and 330 in raises and winzes. The diamond drilling aggregated 3,525 feet in thirty-eight holes, the greater number of which were short. The cost of labor and materials in drilling was \$7,218, or \$2.04 a foot.

Of the new stopes opened in the year those of greatest promise are on the 500-foot level of the War Eagle and on the Poorman vein. The ore yielding stopes of greatest importance during the year were on the 600-foot level of the No. 1 mine, and the 700-foot level of the Intermediate-Josie mine, in which operations proceeded throughout the year.

Another big deal in Alice Arm mining property was completed recently when Captain J. A. McLennan and A. E. Garvey bought the Royal group of six claims from D. J. Hancock for a sum said to be around a hundred thousand dollars, with a substantial cash payment.

The Royal group lies south and east of and immediately adjoins the Dolly Varden on two sides. The group also practically surrounds the Little Joe. The Royal was located by James Colvin and Julius Wilson last year and as yet has had no more than one assessment done. What little work has been done, however, fully justifies the expectations of the locators.

The big lead of the David Copperfield runs into the group and outcrops on the strike of that ledge are found on the Royal. Another lead thirty-two feet in width has been traced to the boundary of the Dolly Varden with a strong possibility that it is one of the leads which have made that property famous.

All the surface indications are identified with those of the Dolly Varden. The property, while it has not had much work done on it, by reason of its location and surface showings, has a very good chance of becoming a mine.

It is the intention of Mr. Garvey and Capt. McLennan to begin development operations as soon as surface conditions will permit.

The Granby Consolidated Mining Co. will close and dismantle its mines at Phoenix. The plant will be disposed of locally or moved to other mines of the company, according to Superintendent C. M. Campbell, who stated that he had received official instructions to close the plant.

The Phoenix mines became famous for the quantity of low-grade copper ore that was successfully handled. It was to develop this property that the Granby Co. was organized, and during its operations, on which it paid several millions in dividends, over 13,000,000 tons of ore have been shipped from the property with a gross recovery of about \$56,000,000. There are some 3,000,000 tons of ore still in the mine, according to the last annual report, but it is apparently to be abandoned.

Word was received that the main ore body of the Dolly Varden mine had been struck in the 550 foot level in a tunnel which has been in process of drifting for some months past.

This gives a vertical depth on the lead of 500 feet. The ore was encountered almost 150 feet from the portal. No particulars of the strike are available except that it is said to run about 80 oz. and that the silver content is of ruby in argentite with less native than was found in the higher levels.

The enrichments in the 90 foot and 125 foot levels, where phenomenally rich silver was found, have not yet, it is stated, been cut in the new level, although there is a probability that it may be.

This body has been found by diamond drilling at 275 feet. If the ore proves to have the body and values of the big strikes on the higher levels the ore in sight in the mine will be doubled, perhaps trebled. At any rate, the discovery of the Dolly Varden ore today at a depth of 500 feet vertical, is of the greatest importance to the camp, this being the greatest depth so far made in any property in the camps. Proof of the continuity of the ore body at this depth will go far to establishing the permanence and value of the entire Alice Arm camp.

Nicol Thompson, representing Mabor Limited, of London, Eng., has shipped fifty tons of the Atlin hydro-magnesite to Liverpool and St. Johns.

Shortly after the outbreak of war the Mabor Ltd. ordered 200 tons of this material through Mr. Thompson to be shipped in fifty-ton lots. The first fifty tons was shipped via the Grand Trunk Pacific from Prince Rupert, and the balance brought down to Vancouver. Unfortunately, when the order for the second fifty tons came through, it was impossible to get cargo space either on the Pacific or Atlantic, so the Mabor people have been paying storage to the Harbor Commissioners at the government wharf for over two years. Freights are now getting easier and Mr. Thompson got instructions last week to ship immediately fifty tons, which has gone forward, and he expects that this will be the beginning of regular shipments of this refractory material, as it is a hydro-magnesite, altogether different from the hard rock material of Austria, California, Washington and Quebec.

In addition to the deposit in Atlin there are large deposits in Cariboo within easy distance of the Pacific Great Eastern Railway, which, with the establishment of a steel works here, will become a valuable asset to the Province.

At the beginning of next month, the Canada Copper Corporation will resume operations at its mine at Copper Mountain and at its mill at Allenby for distribution. It is expected that H. R. Van Wagenen, general manager, and Van H. Smith, mill superintendent, who have been on a tour of observation through some of the principal copper mining regions of the United States, will return before the end of this month.