

Mining Throughout British Columbia

Receipts at Trail—Sale of Pioneer Mine—Sale of Basque Epsom property—Activity at Sandon Camps—Mining Notes.

The following is a list of the ore received at the Trail Smelter during the week ending November 21st, 1919:

Mine	Location	Gross Tons
Alamo Mill, Alamo	30
Bluebell, Riondel	8
Chetterboy, Danville, Wash.	38
Eastmont, Enterprise	34
Emma, Coltern	454
Florence, Princess Creek	153
Iron Mask, Kamloops	48
Jo Jo, Three Forks	10
Josie, Rossland	318
Kaslo Concentrator, Kaslo	77
Mandy, Le Pas	156
North Star, Kimberley	196
Noonday, Sandon	8
Ottawa, Slocan Ciey	48
Paradise, Athalmer	41
Rossland Properties, Rossland	1876
Rambler, Cariboo, Rambler	52
Sullivan (Zinc), Kimberley	259
St. Eugene (Zinc), Moyie	467
Silversmith, Sandon	95
Standard, Silvertown	199
Van Roi, Silvertown	41
Whitewater, Retallack	40
Total	4648

That the Mining Corporation of Canada has acquired the Pioneer mine at Cadwallader Creek, Lillooet, near the line of the Pacific Great Eastern Railway, was announced by Mr. W. R. P. Parker, vice-president of the corporation. He is in Vancouver to take formal possession of the property and stated that development on a very much enlarged basis will be proceeded with.

Under the agreement Messrs. Adolphus Williams, K.C., and the two Ferguson brothers, who have owned and operated the mine for the past three years, are to receive \$100,000 in cash for their interests. They have during their operation taken a considerable quantity of gold from the mine, making regular shipments to the Government assay office. With enlarged equipment and the development of hitherto untouched ore bodies, the new owners expect to greatly increase the output of the mine. Mr. Fred Kinder, of Lillooet, discovered the property.

The sale has taken place of the interests held by W. H. and G. J. Hammond in the magnesium sulphate deposits at Basque, B. C., to eastern capitalists, the amount involved being \$125,000. The Basque deposits are said to be the largest and purest discoveries of Epsom salts on this continent, recent borings and analysis showing that the deposits rank higher in percentage than any of the other discoveries and are estimated to contain several millions of tons. Active operations are already under way at Basque and several carloads of the product have been shipped to eastern markets, where a big demand exists. Enquiries have also been received from British and American firms and the force of men employed night and day at Basque is being increased in an endeavor to meet the demands. The deposits are located in the Government railway belt, only a short distance from the main lines of the C. P. R. and the Canadian National roads and near the Cariboo Road running from Spences Bridge to Ashcroft. In all there are five lakes on the property. While anything approaching an approximate estimate of the amount of magnesium sulphate contained in the Basque deposits has been found practically impossible

to obtain, several borings have been made, one of these being carried to a depth of forty feet through a solid bed of salts and have revealed the fact that the quantity available must be estimated in millions of tons.

The Ladysmith Smelting Corporation has taken a bond on a property situated on Thurlow Island belonging to the Green Lake Mining and Milling Company. The latter has been engaged in development during the summer.

The Sandon Camp is regaining its past reputation of being the premier silver-lead centre of the province. There are four hundred men working in the mine and mills of the Sandon camp, including the Alamo concentrator. Five mines are producing ore for Clarence Cunningham, the largest individual operator of the district. Of these the ores of the Idaho, the Sovereign, the Wonderful and the Old Richmond-Eureka, are treated at the Alamo concentrator. Queen Bess, which made a fortune for Mr. Cunningham, is shipping its high-grade silver ore south of the line for treatment. The Rosebery-Surprise Mining Company, Limited, is operating three properties in this camp, the Surprise and the Ivanhoe, which are shipping to the company's concentrator at Rosebery, and the Canadian, which is under development. This is in addition to the Bosun of New Denver, which employs forty men and sends ore to Rosebery.

One of the oldest and biggest mines of the country, the Noble Five, is terminating a five-year period of deep development by erecting a big concentrator only less than that of Alamo in size, in which the machinery now is being installed. This is expected to be working early in the year, if not before. Mill feed for two years is in sight. Honorable James Dunsmuir, owner of the Noble Five, acquired the Reco, an adjoining property, during the summer, and it is being developed on his own line, but eventually will be joined in deep development with the larger mines. The Silversmith is now in what is probably the largest ore shoot at present exposed in the district. The high grade ore having a width of four feet. This great ore body is between the eighth and tenth levels. The Rambler-Cariboo, to which has been joined the Jenny and Last Chance claims, also has struck a new body of milling ore, and ore is being milled from the one thousand, twelve hundred and thirteen hundred foot levels.

The McAllister at Three Forks is another mine of much promise. It is operated by the Spokane Silver Mines, Limited, and since its reopening last August development has been in progress without cessation. There are now blocked out five thousand tons of ore. Besides there are many smaller mines and a large number of prospects upon which work is being done.

In brief, the present condition of the Sandon Camp is better than it has been for years. Zinc, which was formerly useless and, in fact, it was considered a handicap to ore, is now in the form of concentrates, a more or less important product at every concentrator. It is unnecessary to speak of the high market value of silver, which is the chief contents of the ore of the district. For these reasons mining men are looking forward to a period of remarkable prosperity.

A new strike of clean galena is reported in No. 1 tunnel of the Granville property, Sandon. The Granville group is twenty years old and the tunnel in which this ore body was disclosed is one of the two old drifts, which penetrate the mountain from opposite sides, giving it about a hundred feet of extreme depth. On the main working level, which consists of a long cross-cut to the vein, a crew of men has drifted forty feet on a three-foot width of mill feed, which carries on the foot wall three inches of galena, carrying high values in silver and lead. There are three veins on the property and some eight hundred feet of work has been done.