

Mining Throughout British Columbia

Receipts at Trail Smelter—Labor Troubles Close Hedley and Sullivan—Cariboo Gold Developments—Report on Limonite Ore on Whitewater River—Rock Candy Shipping—Mining Notes.

The following is a list of the ore receipts for the week ending October 7th, at the Trail Smelter.

Mine	Location	Gross Tons
Bluebell, Riondel		183
Black Bear, Rossland		231
Centre Star, Rossland		1400
Cons. Mines, Clines, Wn.		28
Highland, Cedar Creek		104
Iron Mask, Kamloops		42
Josie, Rossland		502
Loon Lake, Loon Lake, Wn.		32
Lone Pine Surprise, Republic, Wn.		114
Mandy, The Pas		468
Monarch, Field		78
North Star, Kimberley		404
Ottawa, Slocan City		50
Paradise, Athalmer		44
Quilp, Republic, Wn.		148
Ruth, Cedar Creek		100
San Poil, Republic, Wn.		57
Sullivan (Zinc), Kimberley		62
Velvet, Velvet, Wn.		25
Total		4072

Two of the most important mining properties of B. C., have been closed down because of labor troubles. The Hedley mine has been the greatest producer of gold in British Columbia until the Surf Inlet mines began operating on a considerable scale two years ago. The production has averaged around \$700,000 a year. The ore is arsenopyrite and the Tacoma smelter, which has been treating the concentrates has been paying as well for the arsenic content during the past two years. Ore valued at between \$4,000,000 and \$5,000,000 is in reserve.

With the fall in the purchasing power of gold and the increased cost of production of late the company's profits have been seriously affected. On top of this came a demand for an increase of wages from the miners, and fifty cents a day was granted. A like amount again has been demanded, and the directors have decided that as this would mean operating at a loss, to close the mine and mill. As a result a force of about 100 miners will be thrown out of employment, a small force only being retained on development.

The Sullivan mine is the chief source of zinc ore for the Trail smelter, the production of which is between 18,000 and 20,000 tons of zinc per annum. It is observed that the strike of the miners and the consequent practical closing down of the mine is likely to interfere with the company's taking advantage of its agreement with the Dominion government, which is a part of the war supply contract, and under the terms of which the smelter received a minimum price of eight cents per pound for its zinc.

Placer gold production in the Cariboo district this season has been considerably in excess of that of last, and with development promised on Proserpine quartz claims, which recently were acquired by eastern Canadian interests, considerable mining activity is assured next year. With reference to the quartz properties, R. A. Bryce, who is in charge of the work of opening them up, states that about forty men will be employed during the winter.

Word also comes from Stanley that what is described as an important gold strike made by the Lightning Creek Hydraulic, Limited, where they are operating above the mouth of Amador Creek. The discovery was made by sinking a shaft about five hundred feet ahead of the face. Here they struck a channel apparently overlooked by the old

timers. Manager L. A. Bonner states that the gold is heavy lode gold and typical of the channel gold of this section. Although the season is well on, he expects to make a substantial recovery before operations cease.

A new strike of silver-lead-zinc ore has been made close to the old Blue Bell mine, Riondel. The vein is of fissure variety, cutting across the country formation of bedded schists and granite intrusions and has been traced for three-quarters of a mile. The ground has been staked and re-staked in the past because of its proximity to the old metaliferous mine in the Province, but has never before been developed to any extent. It is the intention of the discoverers, R. D. Hearn and D. L. Eastman, to continue their open cut for a short distance, which has gone through eight feet of ore and still is in it, after which work will be continued on a tunnel nearby with the aid of a gasoline power drilling outfit.

Some extraordinary specimens of copper ore were brought from the Prince John this week by Mr. James H. Nesbitt, who owns this property with Andy Archie, says The Portland Canal News. The ore is so deeply colored it resembles gems. It is from a strike made early in the week, when Nesbitt and Archie broke back into the vein. The property is situated about four miles above Stewart, on the west side of the Bear River. Development is well advanced and the owners have also erected good buildings. The property is under bond to Vancouver interests.

A London despatch says: That important developments are foreshadowed in the Consolidated Mining and Smelting Company at Trail, B. C., is the statement made by its president, J. J. Warren, who is negotiating the sale of the company's zinc output here.

Mr. Warren says the market possibilities for the company's product in Europe, South Africa and India are unlimited as regards the disposal of zinc. Canada can supply ten per cent of the world's demands, equal to 780,000 tons of zinc, and is only producing 25,000. The impression he has gained is that the condition of the market warrants expansion to supply these 780,000 tons.

Mr. Warren foresees no difficulty in arranging for increasing smelting facilities.

Hon. William Sloan, Minister of Mines, in an address before the members of the Nelson Board of Trade and a group of mining men, stated that while the Provincial Government was in a position to foreclose on the French Complex Ore Reduction Company, it had no desire to do so and was ready to meet the company to consider any fair measures which might be proposed to make the enterprise a success. The company was organized to treat the complex ores of the Kootenay and Boundary. The government has guaranteed bonds to the extent of \$67,621.10. A plant was erected at Nelson, but has never been operated.

Mr. William Brewer, provincial district mining engineer, has prepared a report for Hon. William Sloan, Minister of Mines, on the recently discovered deposits of limonite iron ore on the Whitewater River, in the Lillooet district, not far from the line of the P. G. E. Railway, announcement of which discovery was recently made in the press.

Mr. Brewer's report was of such a favorable nature that the Minister of Mines secured, through Hon. Martin Burrell, Federal Minister of Mines, the services of Mr. S. J. Schofield, senior geologist of the Dominion Geological Survey branch, to make a still further investigation. Mr. Schofield and party have left for the spot to prosecute his investigations.

Mr. Brewer's report sets forth that the area covered by the various exposed deposits is roughly four hundred acres, but the area may be larger, as there are indications of ore deposits in the immediate vicinity. He points out that his estimates of ore quantities are only approximate and he figures them at 7,200,000 tons in actual ore carrying