

Mining Throughout British Columbia

Receipts at Trail Smelter—Granby earnings—New find on Standard Silver-Lead—Meeting of Mining Institute.

The following is a list of the ore received at the Trail Smelter, May 15th to 21st inclusive, 1918:

Mine.	Location.	Tons
Bluebell,	Riondel	346
Centre Star,	Rossland	192
Emma,	Eholt	608
Electric Point,	Boundary.....	114
Galena Farm,	Silverton	37
Hennessy,	Carmi	3
Iron Mask,	Kamloops	230
Josie,	Rossland	102
Lucky Jim,	Kaslo	35
Loon Lake,	Loon Lake.....	30
Le Roi,	Rossland	378
Maestro,	Ainsworth	29
Molly Gibson,	Kitto Landing.....	126
St. Eugene,	Moyie	44
Sullivan (Zinc),	Kimberly.....	1352
United Copper,	Chewelah	42
Total.....		3668

Earnings of the Granby company in April amounted to \$440,000, the production of copper being 3,689,982 pounds, of which 3,048,012 pounds were smelted at Anyox, and 641,970 pounds at Grand Forks. This production is the lowest for the year, 3,807,600 pounds having been produced in March; 3,843,686 pounds in February, and 4,209,393 pounds in January. In April there was a slight increase from the Anyox plant, but this was more than offset by an increased diminution of the Grand Forks product.

An increased production is expected when the converter, which will be in operation at Anyox by June 1 is in operation, and will be still further accelerated when another converter becomes operative in August. Two miles from Anyox, at Graves Point, foundations are being laid for by-products ovens of the coking plant.

With the finding of a large seam of coal at the new workings of the Granby Consolidated Mining and Smelting company near Cassidy's Landing, an important forward step in the company's recently initiated Vancouver Island venture has been made. Three stopes are in progress of being driven. One of these has reached a depth of 150 feet, where a seam of coal 14 feet in depth has been struck. It is one of the seams which underlies the whole Nanaimo coal-bearing area.

According to a report from Silverton the strike made in the property of the Standard Silver-Lead Mining company is growing in importance as the development proceeds.

The shoot had been followed by drift for 150 feet some time ago. It has since been proven for an additional length of 200 feet, making the total length 350 feet. It is believed that there is ore at the face. The report states that the width of the body varies from 5 to 12 feet. The ore is of a good milling grade.

The initial disclosure was on the No. 5 level at a depth of several hundred feet. Ore was followed by winze for 45 feet. It is from the bottom of the winze that drifting is in progress.

In order to permit an ascent by raise from the No. 6 level development was suspended for a month. The raise is 185 feet long and has provided ventilation and an economical outlet for ore and waste.

There is indecision as to whether the ore undergoing development is a new lens or part of that from which the company removed \$7,000,000 or more in lead-silver-zinc ore. It will add generously to the reserves, in any event, but if its independence of the main body is established, expectation may be built on resources above and below the horizon of

current development. The possibilities overhead are about 700 feet.

Ore bodies at the Standard have always been erratic in spite of their enormous yields, a fine stope being succeeded often by a barren section and it in turn by a zone of solid lead. These characteristics have not appeared to any marked degree at the scene of current development. There have been few extremities of impoverishment and riches. Values have been distributed on a basis that approaches evenness.

Ore broken in the course of development is being saved. Its presence, it is believed, will begin to be indicated soon in the shipments. The mine now appears to have a new lease of life but on this point no official has committed himself. They are awaiting disclosures in the development proceeding.

The Molly Gibson-Burnt Basin Mining company is sending supplies and men out to their property at Paulson with a view to putting the mine in the shipping list in the near future. For the present ore will be hauled over the wagon road three and a half miles to the railway. The formation and character of ore is similar to that of the Rossland camp, gold being the principal value. The head office of the company is at Rossland, and W. R. Braden is president; C. F. Pincott, secretary-treasurer. A. L. Houston of Nelson will be in charge of the work at the mine.

Extensive development work is being done at the Florence silver mine, according to F. R. Wolfe, manager and principal owner of the property.

The mill has been operating since March 10 with one shift of men and on May 12 two shifts were put on. There are 60 men employed at the mine and mill. Mr. Wolfe expects that later in the spring the number of employees will be greatly increased. The shipments of ore from the Florence for April amounted to 370 tons.

The three sessions of the western branch of the Canadian Mining Institute held Tuesday at Vancouver Chamber of Mines, were as notable for the prominence and numbers of men present who stand at the top of the various branches connected with the profession and business of mining as for the interesting papers read and addresses given and the more interesting discussions which followed and it was agreed that the interest taken in this convention foreshadows an increased activity in all forms of mining throughout the Province.

At the afternoon session E. A. Haggan gave an informal address on the subject of petroleum which, he said, is of particular interest to this section at present on account of the extensive oil seepages found near Burnaby Lake. The most important field so far discovered in this belt occurred in California, but the exhaustion of this field was in sight, and it was important that new fields be opened up. There was a co-relation between the California formation and those of British Columbia, and while oil in paying quantities has not as yet been found here, indications for its discovery are good.

The speaker reviewed the various localities in which oil seepages and formations have been found in British Columbia, mentioning some in which work has been done none of which, however, had produced oil in commercial quantities. He laid stress on the fact that no effort has been made toward getting reliable geological examinations. Prospecting for oil particularly called for expert geological investigation and he wished the attention of the Dominion geological department to be called especially to the oil shales of the province. Similar shales of British Columbia might yet become the principal source of supply for the Empire.

E. E. Campbell, mine manager of the Granby mines at Anyox, read a paper of absorbing interest on the mine operations there. The management, he stated, had met and coped with problems not before encountered in mine development and ore extraction, and his description of how these diffi-