

“**Mother Lode Mine.**—Operations are under the direction of Mr. Paul S. Couldrey, superintendent, and the greater portion of ore shipped has been from above the 200 foot level. During the year the open cut workings have been extended in two directions, and stoping in the underground workings has further increased the ore reserves beyond the estimates, this being particularly the case on the 400-foot level, where the largest amount of development work has been performed. This property has furnished the bulk of the supply, and the workings, as well as the surface plant, have been maintained in excellent condition. Additional receiver capacity has been added for the purpose of equalizing the pressure of the compressed air supply with very satisfactory results. The diamond drill exploration has consisted of 3,680 feet.

“**Orc Denoro Mine.**—The ore from this mine being more basic than that of the Mother Lode, it has only been drawn upon as required. Mr. P. W. Lover is in charge at the property, and during the year 1,181 feet of diamond drilling has been done.

“**Napoleon Mine.**—This property has been worked intermittently, its production being drawn upon as required to make up for the deficiency of sulphides in the other ores. Of the 16,614 tons shipped from the mine, 2,120 tons were sold, the balance coming to this company’s own reduction works.

“**Jack Pot Group.**—Comprises the Jack Pot, Athelston Fraction, Molly Pritchard, Coronet Fraction, Iron Clad Fraction, Florence and Prince, located in Wellington Camp, operations being in charge of Mr. H. Johns. The claims were secured under a working bond in September of 1908, since which time prospecting and development have been carried on continuously. In all 2,532 feet of drifts, tunnels, and raises have been driven and a large tonnage of ore opened up, the grade of which will be somewhat better than the average of the other properties, the values being chiefly gold.

“Developments having justified completing the purchase, surface buildings are in course of construction, and the Canadian Pacific Railway is now building a line to the property which will be completed early in March, 1910, after which shipments will be regularly maintained. The company undoubtedly has here a valuable asset, all of which has been established during the past year.

“**Lone Star Mine.**—Work has been suspended throughout the year awaiting transportation facilities, although a railway line has been surveyed to the mine by the Canadian Pacific Railway Company.

“Operations at the reduction works are under the superintendence of Mr. E. G. Warren, and various improvements have been added to the plant, chief among which is the additional storage bin capacity for 1,000 tons of coke. The three blast furnaces (48 in. x 240 in. at the tuyeres) were in operation for 623 furnace days, the failure of the coke supply previously mentioned causing a loss of approximately 290 furnace days.

“The average tonnage handled exclusive of coke during the period of operation was 599.2 tons per furnace each twenty-four hours, making a total of:

|                               | Tons    |
|-------------------------------|---------|
| B. C. Copper Co.’s Ores ..... | 362,423 |
| Custom Ores .....             | 6,964   |
| Converter Slag .....          | 3,949   |
|                               | 373,336 |

“Included in the item of converter slag is an amount of 1,588 tons of custom ore and clay used in converter linings. From the above material handled, blister copper to the amount of 6,366,318 lbs. has been recovered, containing:

“A comparison of figures with those of the year 1909 is as follows:

|                   |                 |
|-------------------|-----------------|
| Fine Copper ..... | lbs...6,325,000 |
|-------------------|-----------------|

|              |               |
|--------------|---------------|
| Gold .....   | ozs... 18,244 |
| Silver ..... | ozs... 64,234 |

“Appended will be found Balance Sheet as at November 30th, 1909, and Profit and Loss Account as rendered by the auditors.

|   |           |           |
|---|-----------|-----------|
| Yield of Copper per ton of B. C. Copper Co.’s Ores .....  | 17.7 lbs. | 17.8 lbs. |
| Yield of Gold and Silver per ton, B. C. Co.’s ores .....  | \$1.06    | \$0.985   |
| Average price realized for copper .....   | 13.03c    | 13.504c   |
| Cost of Producing, Refining and Marketing per pound of Fine Copper, after crediting expenditure with Gold and Silver Values.. | 9.829c    | 9.996c    |
| Cost per ton of Ore handled including all charges from Ore in place to sale of the contained metals .....                     | \$2.683   | \$2,632   |

“In general the standard of operations has been higher than the previous year, as the expense of closing and re-opening, including the period of three months’ cessation on account of coke shortage, has all been borne by the balance of the year when operations were in progress. All expenditure at the mines and reduction works for additions, improvements and maintenance has been taken up in the operating cost for the year, and the various plants have been maintained in as high a state of efficiency as possible.”

#### PACIFIC PASS COAL FIELDS CO.

A report was presented to the shareholders of the Pacific Pass Coal Fields, Ltd., at their first annual meeting held on March 1.

The directors stated that the company had had an engineering and prospecting party on the property all last summer, and that the coal had been tested in numerous places. It was proved beyond doubt that an immense quantity of coal existed in the property, running into the hundreds of millions of tons, and from Government analysis the quality was found to be equal to the best grades of the well known bituminous coals of Cape Breton and the United States.

The directors were also pleased to be able to report to the meeting that they had signed on behalf of the company a contract with the Grand Trunk Pacific Railway Company, by which the railway company undertakes to build a branch line from their main road through the Yellowhead Pass to the property of the Coal Company, the Grand Trunk Pacific Company guaranteeing to have the branch line completed by December 1st of this year.

Further development work will be done this summer and there seems to be no doubt that the mines will be shipping coal almost immediately after the branch railway is completed.

The following directors were elected for the year: E. B. Greenshields, Hon. Robt. Mackay, W. Molson MacPherson, J. Theo. Ross, H. A. Lovett, K.C., A. H. Cook, K.C., F. L. Wanklyn, J. W. McConnell, R. Brutinel, A. De Bernis.

At the subsequent meeting of the directors Mr. E. B. Greenshields was elected president of the company, Hon. Robert Mackay vice-president, and George C. Cousins secretary-treasurer. An executive committee was also appointed consisting of the president and Messrs. H. A. Lovett, K.C., and J. W. McConnell.

#### BUFFALO.

The Buffalo mine has declared a quarterly dividend of 5 per cent. payable on April 1st and a 3 per cent. extra dividend on May 16. This is the same as the last dividend declared.

Including the dividend just declared the Buffalo mine has paid to the shareholders 73 per cent. of the total capitalization. Up to last year a rate of three per cent. quarterly was maintained and eleven dividends at this rate totaling \$297,000 dollars was paid. In 1909 the dividend was raised to the present rate.