

A revival of interest in mineral claims in Revelstoke Division is reported, chiefly in connection with bonding properties on which development-work is to be undertaken next spring. Work was done last season on various placer leases in the Big Bend country and some gold was recovered. From the old *Lanark* mine, near Illecillewaet, there was received at Trail in December 90 tons of ore, as compared with 100 tons in 1914. It is stated that a tramway about three miles long has been completed, and that more ore will shortly be sent down to the railway for shipment to the smelter.

By a coincidence, exactly the same quantity of ore from Trout Lake Division, 85 tons, was received at Trail in 1915 as in 1914. With the exception of 3 tons from the *Ethel*, west of Trout lake, the small production was from the properties of the Ferguson Mines, Limited, near Ferguson.

There was little, if any, mining done during the year in the Lardreau Mining Division.

BOUNDARY DISTRICT.

Mention was made in last year's Preliminary Review of the fact that for the first time since the production of copper was commenced in the district, in 1900, the copper-output of Boundary District had been in 1914 less than one-half of the total production of the whole of the Province. For 1915 the comparison is more unfavourable to the district, for its copper production for the year was less than one-third of that of the Province as a whole, the estimated output of Boundary having been only about 17,520,000 lb. out of the total for the Province of 57,000,000 lb. The combined ore-output of the three Divisions—Grand Forks, Greenwood, and Ossoyoos—was approximately 1,217,000 tons, as compared with 1,003,000 tons in 1914, an increase of 124,000 tons in quantity, but there does not appear to have been a corresponding increase in metals produced. Gold seems to have been 2,000 oz. and silver 40,000 oz. less, though copper made a gain of over 1,100,000 lb. The loss in gold is attributable to the fact that no ore was produced from the *Ranchide*, and to a smaller production from the *Jewel* mine; and that in silver to similar causes and to decreased production from the *Mother Lode*, from which also less copper was obtained, while the *Ranchide* as well was missed from the 1915 copper-producers. On the other hand, the Granby Company's mines showed higher figures for all three metals, their increases having been about 8,000 oz. of gold, 2,000 oz. of silver, and 3,400,000 lb. of copper. Estimated production in 1915 of the three Divisions is as follows: Ore, 1,217,000 tons; gold, 82,000 oz.; silver, 307,000 oz.; copper, 17,520,000 lb.

Granby Consolidated Mining, Smelting and Power Co.—Approximate figures of production in 1915 from this company's group of mines at Phoenix are: Ore shipped, 1,035,000 tons. Metals produced: Gold, 36,900 oz.; silver, 194,000 oz.; copper, 16,046,000 lb. The output of ore was comparatively small at the beginning of the year, but by May all the blast-furnaces at the company's smelting-works at Grand Forks were running, so ore production was by that time back to full-time quantity. There was little out of the ordinary happened at the mines. One of the large jaw-crushers previously in use there was sent to the company's property at Anyox, Observatory Inlet. An electrically operated shovel, obtained some time previously, but not used in 1914 to any considerable extent, was given a thorough working test, and proved satisfactory. It is a Bucyrus 40-horse-power shovel, with 1½-yard dipper. The use of this shovel made it desirable to provide cars better adapted for removing to the dump large masses of waste, handled by the shovel with chains, so six automatic side-dumping steel cars, each of 10-ton capacity, designed by the mine superintendent, were made in the mine-shops and were found to answer admirably the purpose in view in making them. These cars have the door so arranged that when open it will allow the passage of a rock 4 feet in diameter.

The following excerpt from the mine superintendent's annual report shows one beneficial effect of the higher price obtained for copper: "On account of the high price of copper obtained during the past few months we have shipped about 85,000 tons of ore, from which a recovery of about 10 lb. of copper and a correspondingly low amount of gold and silver have been obtained. This ore was from areas where