

### Granby River.

While ore was mined at the *Union*, in Franklin camp, to an estimated quantity of 520 tons, there was, on the whole, less activity in that camp in 1915 than had been expected there would be. The *Union* group of mineral claims is described and illustrated in a bulletin, recently issued by this Bureau, entitled "The Mineral and other Resources of the North Fork of Kettle River." Of the ore produced in 1915, about 400 tons was shipped to the Granby Company's smelting-works at Grand Forks and the remainder to the Consolidated Company's smelter at Trail. A good idea of the average value of the ore is conveyed in a report by the mine superintendent, in which it was shown that the average gold and silver contents of more than 200 tons of ore shipped to Grand Forks was 0.45 oz. gold and 45 oz. silver a ton. The cost of hauling twenty-five miles to the railway was \$13.50 a ton, freight by rail to smelter was \$1.50, and charge for smelting \$6.75; total freight and treatment costs, \$21.75 a ton, which is a rather heavy handicap on mining in Franklin camp. A car-load shipment was made to Trail from the *Maple Leaf*, which group, lying contiguous to the *Union* group, is also described in the bulletin. The *Gloucester* group was bonded by the Granby Company and some development-work done. The *Little Bertha*, also on Granby river, but much nearer to Grand Forks, and another property in the neighbourhood, each made a small shipment to the Granby smelter.

### Westkettle River.

Ore receipts at Trail from mining properties near Beaverdell and Carmi, respectively, were again small. They were: *Carmi*, 117 tons; and *Sally*, 164 tons. In the latter part of the year the Kettle Valley Railway from Princeton, Similkameen, to Pentictou, in the Okanagan valley, and thence to Midway, where it joins the Canadian Pacific Railway to Greenwood, Grand Forks, Trail, and Nelson, was operated on a regular three-times-a-week schedule, but the establishment of this means of regular communication with three places at each of which there is a smelter did not serve to stimulate ore production from mines and mineral claims situated in that part of the country through which the railway passes. However, it is expected that, now that an uninterrupted railway service is established, there will be more encouragement to owners of mining properties to get out ore, and that hereafter production will be less meagre than it was last year.

### Osoyoos Mining Division.

While there was a slight revival of interest in mining in parts of this Division that had not seen mining activity for some time, production was small in those parts. In Camp Hedley, on the contrary, the Hedley Gold Mining Company continued energetically its gold-mining and milling operations, with the usual profitable results.

Camp Fairview was one part of the Division in which there was a little improvement, for there further development was done on the *Susie* claim, a shaft having been sunk 160 feet on the incline and a crosscut made to the hanglag-wall of the vein, with indications that there is here an ore-body of good size.

On Kruger mountain there does not seem to have been much done at the *Dividend-Lake View* or other lode mines, but from Spotted lake, in that neighbourhood, a considerable quantity of magnesium sulphate was hauled to Oroville, Washington, and shipped thence by rail to a United States firm that found use for this product.

Five men were employed on the *Horn Silver* group of four claims, situated fifteen miles south of Keremeos; 115 tons of ore shipped thence to the Granby Company's smelting-works at Grand Forks yielded a total of 23 oz. of gold and 7,779 oz. of silver. Two adits have been driven, No. 1 105 feet and No. 2 75 feet lower, about 50 feet. The ore ranges in gross value up to \$30 a ton. A light tramway was constructed 3,000 feet to the wagon-road, and over this ore to the amount of 10 tons an hour is conveyed at a cost of 45 cents a ton. This development is of interest as being the first productive lode-mining done in this part of the Division.