

the war. The payroll of the company's Crowsnest mines had been approximately \$200,000 a month; now, with the output curtailed to one-half, it is about \$100,000. The present output of coke is only about 600 tons a day."

West Kootenay.

Ainsworth—Only two mines in this division shipped ore during October, namely the Utica 35 tons and Rettalack & Co.'s Whitewater group 123 tons. The Kaslo "Kootenaian" lately published information concerning the discharge of a mortgage and a settlement of the financial affairs of the Utica company, in connection with which there had previously been difficulties that hindered the progress of development of the Utica mine and the production of ore. The hostile Eastern interests have been acquired by men also interested in other Ainsworth and Slocan properties, so it is expected that from this on good progress will be made and the Utica be developed into a productive mine to a much greater extent that was possible under conditions that have so greatly hampered operations. At the Cork-Province property, too, the outlook for progress has much improved. At the Panama, situated at a high elevation in the mountains above Bear lake, which is on the divide between Kootenay lake to the east and Slocan lake to the west, development work is being continued, supplies for the winter having been packed up to the mine.

Slocan—The Rambler-Cariboo was the largest Slocan shipper of ore to Trail during October, 252 tons from that mine having reached Trail during five weeks ended November 5, the Hewitt (Silverton Mines Ltd.) coming next with 132 tons, and then the Ruth-Hope with 83 tons. There were several shippers of smaller quantities. District newspapers state that a contract has been let for hauling 10,000 tons of zinc-lead ore, from the dump at the lower terminal of the aerial tramway from the Surprise mine, to the Ivanhoe concentrator near Sandon. The distance between dump and mill is about two miles; as soon as there is sufficient snow on the ground the hauling will be good. For some time past the owners of the Surprise have been considering how best to deal with the problem of making marketable the considerable quantity of zinc-lead ore opened in their mine, and the decision to try concentrating it at the Ivanhoe mill is a move made with the object of solving that problem. Work has been resumed at the Slocan Star after two or three months' suspension that resulted from the stoppage of purchase of silver-lead ore by Consolidated Co., Trail. No information is available as to whether shipment of silver-lead concentrate to Trail will be undertaken by the Star management under the new conditions imposed by the smelting company, but in any case the zinc ore can be milled and the zinc concentrate made be shipped to the United States. Here, again, there is the difficulty of payment for the silver associated with the zinc, which in most Slocan zinc-lead ores is much more than the mine owners care to lose. Other mines in this division than those already mentioned at which work is being done are the Payne, Noble Five group, Reco, Noonday, Idaho, Standard and several others. Sale of the Muller Creek Mining Co's claims near Three Forks, under a foreclosed mortgage, has been advertised. A Slocan Lake man is authority for the statement that about 200 men are being employed by the Standard Silver-Lead Mining Co., which is operating both mine and concentrating mill near Silverton but for the time

being is shipping only silver-zinc concentrate, storing the silver-lead product until the market conditions shall improve. At the end of October the "Slocan Record" reported that 10 in. of clean galena had been encountered in a drift in the California mine, near New Denver. In Slocan City division the Enterprise, Eastmont and Meteor are among the properties on which work is being continued.

The Nelson "Daily News" a short time ago printed the following information relative to the shipment of zinc ore and concentrate from mines in Ainsworth and Slocan divisions: The increase in zinc shipments from Kootenay mines to zinc smelters in the United States for nine months of 1914, as compared with the corresponding period of 1913, was 6277 tons. Up to the end of September of this year 9141 tons of zinc ore had been shipped, against 2864 tons for the nine months of 1913. The proportions of the several mines that shipped this year were as follows: In Ainsworth division: U. S. 70 tons and Utica 73 tons, both crude ore. Slocan division: Hewitt 2,236 tons, Rambler-Cariboo 698 tons Slocan Star 696 tons, Standard 4,516 tons, Van-Roi 863 tons; all concentrate shipments in October were; Hewitt (Silverton Mines, Ltd.) 278 tons, Rambler-Cariboo 173 tons, Standard 645 tons. The year's total to the end of October is 10,237 tons.

Nelson—Ore receipts at Trail from mines in Nelson division for five weeks ended November 5 totalled 450 tons, of which 356 tons was lead ore from the Emerald, H. B., and Zincton mines near Salmo, and the remainder ore and concentrate from three gold mines. There was little change in mining conditions and results during October as compared with September. About two months ago publicity was given to a statement relative to the reported occurrence in the mountains near the southern boundary line of Slocan City division and the northern line of Nelson division of ore giving on assay a gold value in excess of \$4,000 to the ton. After having spent five or six weeks at that high elevation and taken out a few tons of ore, the first reported determination of those most interested to spend the winter up there doing development work seems to have been abandoned; also the high-value talk, for the latter was not repeated when the announcement was printed that work had been stopped for the winter.

Rossland—After a longer delay than usual the Le Roi No. 2, Limited, has sent out from its London office its Josie mine reports for the months of August and September, as follows: For August: Shipped 730 tons of ore and 90 tons of concentrate. The receipts from the smeltery were \$23,445, being payment for 1,742 tons of ore, and \$2,038 for 124 tons of concentrate; sundry receipts \$678; total receipts, \$26,161. Estimated working costs for corresponding period were: ore production, \$5,000; milling, \$600; development, \$3,000; expenditure on Capital account, \$800; total, \$9,400. For September: Shipped 1,400 tons of ore and 50 tons of concentrate. Receipts from the smeltery were \$5,939, being payment for 454 tons of ore; sundry receipts, \$2,046; total receipts \$7,985. Estimated working costs for corresponding period were: Ore production, \$4,817; milling, \$423; expenditure on Capital account, \$723; total, \$5,963. The Rossland "Miner" reports that the Phoenix property, in the south belt of Rossland camp, has again been leased. Some good gold-copper ore was mined from the Phoenix by the last lessee, but the development work done was unimportant.