

Particulars of this property were printed in the Journal of July 15 (p. 480). Deep level exploration work in the Payne mine has not yet resulted in discovery of much ore; it is probable that connection will be made between the low level adit and the workings 600 to 700 ft. above, and the ore shoot opened in the old 800 ft. level be followed down. If the suggested connection be made, both good ventilation and drainage will be established, and development from the old workings downward be made much less difficult than under present conditions. Progress at the Slocan Star mine and mill is reported to be satisfactory, for much of the concentrating ore opened by the development work of the last year can now be turned to profitable account. The quantity of silver-lead ore, suitable for shipment in its crude state to the smeltery, taken out in the course of development, has not been large, receipts at Trail from this mine having averaged only about 100 tons a month during the seven expired months of the current year. However, with the mill running steadily, an output of both silver-lead and silver-zinc concentrates is being made continuously. The latter product is shipped to Bartlesville, Oklahoma, U.S.A., for treatment there.

Other mines in the neighborhood of Sandon also being worked are the Richmond-Eureka, Ruth-Hope and Wonderful, and several properties on which lessees are at work; each of these groups mentioned has sent 250 to 300 tons of silver-lead ore to Trail during seven months, but the total from all other properties not included in the foregoing notes has been small. Near Cody, the Surprise is the most active, having shipped approximately 500 tons of silver-lead ore this year to approximately 500 tons of silver-lead ore for concentrate, and stored a lot of lead-zinc ore for concentration whenever facilities for treatment of this ore shall be provided. It is stated that arrangements are being made for shortly putting in a concentrating plant, much ore of milling grade having been opened in the mine during the last year. Driving the deep level crosscut adit on the Noble Five group is being continued, and prospects are reported to be good for this work proving of much importance, for there are several known ore-bearing veins to be cut by the adit. Lessees of a part of the Reco property are stated to have found another shoot of ore of shipping grade. Work has been resumed on the Noonday. Lessees of a part of the Idaho-Alamo group are busy now that the snow has melted. Progress with development of the Apex, near New Denver, and on the Hartney and Capella properties, represents the chief mining activity of that part of Slocan district. In Silverton camp, back from Slocan lake, the Standard Silver-Lead Mining Co. is a long way in the lead, with an output of ore for the year to the end of July much in excess of the combined production of all other Slocan mines in the same period. Shipments of silver-lead ore and concentrate to Trail for seven months have totaled approximately 9,000 tons, beside which there has been a considerable quantity of silver-zinc concentrate shipped to United States zinc reduction works. The Silverton Mines, Ltd., is continuing its efforts toward making a steady output of high-grade crude silver ore and both lead and zinc concentrates. The expectation is that 150 tons of ore a day will be regularly sent down from the Hewitt-Lorna Doone group of mines, and that the mill will be found equal to treatment of that quantity. Shortness of ore at the Van Roi mine recently necessitated a temporary suspension of milling operations, but development work in progress is expected to bring about an early return to

normal conditions. Work is being continued on the Lucky Thought, near Four-mile creek, and local men have arranged to reopen the old Wakefield mine, which in past years was a profitable ore-producer. Lower down the lake, the Eastmont, on Ten-mile creek, and the Ottawa, on Springer creek, and several other properties in Slocan City division, are being worked.

**Nelson.**—With the exception of that of the Silver King mine, which is being operated by the Consolidated Mining and Smelting Co., little ore has been shipped from mines near the town of Nelson during recent months. However, that mine has made a much larger production this year, for its output for seven months shows a total of about 12,000 tons, as compared with 3,780 tons for the whole of 1913. The Eureka and Queen Victoria copper mines and the Granite-Poorman gold mines are inoperative now. Work is being continued at the Venus, California and Perrier, and quite lately men were put on to further develop the Pingree. Farther afield, the Molly Gibson is again giving employment to a number of men, repairs to aerial tramway and other plant damaged by winter snowslides having been effected. While there is production in Ymir camp, development work has opened much ore in the Wilcox, Dundee and Yankee Girl mines, and several prospects in the neighborhood are promising. Shipments of lead ore from the Emerald, H. B. and Zincton mines, within a few miles of Salmo, received at Trail this year to July 21, total 3,039 tons, in the following proportions: Emerald 1009 tons, H. B. 1,674 tons, Zincton 356 tons. Gold-bearing ore is still being mined on the 600 ft. level of the Queen mine, Sheep creek, where there has been opened a shoot of ore 25 to 30 ft. in width and already stoped along a distance of 60 ft. The Motherlode mine and stamp mill are being operated as usual, a reserve of ore having been made during the latter part of the winter when the weather was too cold for the water-power plant of the mill to be run; development work is being continued in the deeper parts of the mine, to add to the supply of ore. Prospecting is being done on several other claims in Sheep Creek camp, but no ore from them is being either milled or shipped to the smeltery. In Erie camp the Second Relief is being worked and the ore taken out put through the stamp mill.

**Rosslund.**—The only present productive mines in Trail Creek mining division are those at Rosslund, namely, the Consolidated Mining and Smelting Co.'s Le Roi and Centre Star-War Eagle groups and the Le Roi No. 2 Co.'s Josie group. The approximate output of ore for the expired seven months of this year has been as follows: Centre Star-War Eagle group, 92,000 tons; Le Roi group, 40,000 tons; Josie group, 12,000 tons. These figures show the ore from these several mines received at the smeltery at Trail. The quantity of ore taken from the Josie group was larger than that shipped to Trail, but the lower grade ore was concentrated at the mine, and the product included in the total of ore shown above as having been shipped. All these mines look well for continued production. Much ore has been found on the 14th level of the War Eagle and work in progress on the 16th level indicates that the ore may be expected to continue to that depth at least. A fine shoot of ore is being explored in the Le Roi No. 2 Co.'s Annie claim from workings that are an extension of the Le Roi 1,650 ft. level; this shoot appears to come in from the Le Roi Black Bear claim, so most likely will be productive in that property as well.