

The *Galena Farm* group of five Crown-granted claims, situated a mile and a half south-east of Silverton, which had been idle for a number of years, was one of the mines in this part of the Slocan at which there was much activity during 1915. A crosscut adit driven 800 feet cut the vein at 75 feet below the old 100-foot level; and drifting on the vein was in progress in the last few months of the year. A raise has been made from the lowest to the 100-foot level, and thence to the surface, to get under the old dump stated to contain about 3,000 tons of ore which it is intended to convey to the concentrating-mill through the new raise and lower tunnel. The 100-foot level, driven on the vein for 350 feet, shows the average width of the vein to be about 7 feet, all milling-ore. The plan of working under consideration last October included stoping ore from the 100-foot level to the surface, and extending the lower drift as well. Later, the ore will be followed down, and if conditions shall be found to warrant such an undertaking, a crosscut adit will be driven between 4,000 and 5,000 feet to get under the present workings at 600 feet greater depth. Improvements made on the surface in 1915 comprise the erection of a number of new buildings, repair of old boarding and other houses, construction of about one mile of wagon-road to provide an easier grade for hauling to and from Silverton than that of the old road, repair of dam, and putting in a new 12-inch pipe-line about 2,000 feet, also an 8-inch line of similar length to utilize for running the dynamo the overflow water from the compressor. The new concentrating-mill machinery and plant includes crushers, sorting-belt, classifiers, trommels, jigs of Hartz type, etc. Middling is reground in Huntington mill, elevated and trommelled; coarser size is sent to a movable screen jig; smaller size to hydraulic classifier and thence to Wilfley tables, of which there are ten making two products—namely, silver-lead and zinc concentrates.

Slocan City Mining Division.

The output of ore from mines in the Slocan City Division was even smaller in 1915 than in 1914—only 234 tons as compared with 505. Ore receipts at Trail in 1915 from this part of the district were as follows: From the *Alice S.*, 16 tons; *Black Prince*, 21 tons; *Enterprise*, 138 tons; *Hamilton*, 18 tons; *McNeish*, 4 tons; and *Ottawa*, 35 tons. The *Eastmont*, which in 1914 shipped 152 tons, was not on the 1915 shipping-list; the *Ottawa's* comparatively large output of 289 tons in 1914 was also lacking in 1915. These losses in output notwithstanding, the outlook for the Division at the end of 1915 was believed to be more promising than a year earlier, for there was activity on several properties to which had been sent supplies for the full winter season.

The *Ottawa*, situated about five miles from Slocan City, had been a productive mine prior to the several years of inactivity that preceded its passing to the possession of the Consolidated Mining and Smelting Company, which acquired it in 1913 and has since developed in it some shoots of high-grade ore. Work was suspended in the autumn of 1914, shortly after the outbreak of war in Europe, but was resumed in 1915, though there has been but little ore production since. Development is being continued. The *Alice S.*, on Springer creek, was worked in 1915 by its owners, a New Jersey, U.S.A., company. A crosscut was driven 110 feet to the vein and development was continued by drifting both ways, altogether about 300 feet on the vein, and a raise was made 70 feet to the surface. Sixteen tons of ore taken out in the course of development was shipped to Trail to ascertain its value in bulk. Another crosscut was commenced at a vertical depth of 90 feet below the upper one, with an estimated distance of 248 feet to be driven to reach the vein. Buildings erected include houses for the accommodation of the men employed—eight were working last season—and an ore-house. A mile and a half of wagon-road was made to connect with the Slocan City-Springer Creek road.

Adjoining the *Alice S.* is the *Black Prince*, which J. T. Tipping is working under lease and bond; the property is on the divide between Springer and Lemon creeks. Development was commenced in June, and in November there was shipped to Trail