

tion of ore in which lead is the chief constituent. Whenever it shall be found practicable to treat the zinc ore at a profit, there will be developed here one of the largest zinc-lead mines in Canada.

Ainsworth.—The Consolidated M. and S. Company has arranged for the acquirement of the No. 1 mine, situated in Ainsworth camp. This mine has for some years been worked on a small scale by Mr. H. Giegerich and associates, and though its output of marketable ore has not been large, it has generally paid working expenses. There appears to be a prospect of work being resumed at the Blue Bell mine, across Kootenay Lake from the town of Ainsworth. A proposal to again operate the mine and concentrating mill has lately been having the consideration of the directors of the company, the headquarters of which is in Europe, but at the time of writing no advice has been received of their decision, if yet arrived at. In another part of Ainsworth mining division, some 12 to 15 miles from Kaslo, up the line of the old Kaslo & Slocan Railway, is situated the Utica, a property stated to promise a large tonnage of ore, whenever arrangements shall have been made for working it continuously and milling facilities shall have been provided for concentrating that part of the ore not of sufficiently high grade for shipment to the smelter in its crude state. Mr. Chas. F. Caldwell is endeavouring to obtain the amount of money requisite for placing the Utica on a permanent milling and shipping basis.

Nelson Division.—In Nelson mining division, the Granite-Poorman gold mines, five miles west of the city of Nelson; the Molly Gibson silver-lead mine, at the head of Kokanee Creek, about 20 miles in the opposite direction; the Emerald lead mine, in the vicinity of Salmo, and the Queen gold mine, in Sheep Creek camp, are the chief producers of ore as the year draws to its close. Several other properties, in different parts of this division, are also being worked, but in some cases with only a small output being maintained or with development work being carried out and no ore being mined. On the whole the year's production of metals has been less than was expected it would be, yet since substantial progress has been made in the direction of providing for an increased output in the future, the situation is not unsatisfactory.

Rossland.—The Consolidated Mining and Smelting Company's Centre Star group is keeping up its output, which will probably be for the calendar year 1911 about as much as for the company's fiscal year to June 30, last, namely, 193,000 tons. Little publicity is being given to information indicating the conditions prevailing at these mines, but it is understood in the camp that the War Eagle mine, especially, is looking well, much ore containing a comparatively high gold value having been found, while other mines of the group, including the Le Roi, which has been added, are contributing materially to the generally good results that are being obtained from these mines as a whole. The Le Roi No. 2, Limited, is also making gratifying progress, recent deep-level developments having proved the existence in the lower levels of the Josie mine of considerable quantities of ore of good grade. The general average value of the ore extracted from the mines of the Le Roi No. 2, Ltd., continues to keep up well, being closer to that of earlier years. The year's production will show a total of about 45,000 tons of ore, of which about three-fifths will have been shipped to Trail as crude ore and the remainder put through the company's concentrating plant at the mine with results that add appreciably to the profit-earning capacity of the mine.

Slocan City.—While there is not nearly so much activity in the several camps in mining in Slocan City mining division as in some other parts of the Slocan district, mining is being carried on in several camps. On Ten-mile Creek, both the Enterprise and the Ellis Silver Mining Company's Eastmont mine are being worked. In the former the ore developed during re-

cent months is not of so high a grade as it was expected would be found in the lower levels opened latterly, but it is hoped there will be an improvement in this respect before long. No information has been obtained of late as to progress at the Eastmont, but it is known work is still being carried on, and preparations were being made early in November to haul ore to the landing on Slocan Lake, for shipment thence to Trail. Other properties on which work was being done are the Lily B. and Meteor, both situated in the vicinity of Springer Creek. Shaft-sinking constitutes the development work in hand on the former claim. In the past the Meteor has been a shipper of high-grade silver ore, and it is expected it will continue to make a production of a similar class of ore.

Trout Lake Division.—On the Winslow, a gold claim situated a few miles from Trout Lake, Mr. Bruce White has driven a tunnel between 200 and 300 feet, and has cut a gold-bearing vein. Recently work was stopped for the winter, snow being deep in the locality during winter months, but next spring development will be undertaken on this property. The Silver Cup, in Ferguson Camp, continues to make shipment of high-grade ore to Trail, though its tonnage for this year has fallen somewhat short of that of several earlier years. Little else in mining has been reported from this part of West Kootenay, notwithstanding that there are many good showings of ore that appear to be well worth developing.

Golden Division.—The Vancouver organization that, under the name of the Mt. Stephen Mining Syndicate, is operating the old Monarch mine, near Field, on the main transcontinental line of the Canadian Pacific Railway Company, has done much development work, and made many surface improvements, the latter including the erection and equipment of a concentrating mill, putting in a pipe line to convey water to a Pelton wheel for operating mill machinery, and a compressor, installation of an auxiliary steam power plant for use when water power shall not be available, erection of an aerial tramway and establishment of a telephone system, from mine to mill, and building houses for the accommodation of miners, etc. Much underground work has also been done to develop the big body of lead ore occurring here. Altogether considerable activity has been shown, and the prospects are that the old Monarch mine will next year become productive to a degree that will show the enterprise and confidence of the syndicate to have been well warranted.

Boundary.—The Argo Mining and Tunnel Company, of Greenwood, is driving a 6 by 7-foot tunnel to cut several veins outcropping on the surface of the hill, more than 300 feet above the present face of this adit. It is believed that one of the bigger veins will shortly be cut. It is proposed to continue driving until a distance of 1,000 feet from the portal shall have been reached, by which time the face of the tunnel will be about 600 feet below the surface. Thus far only stringers of ore have been cut, but it has been known all along that it would be necessary to drive more than 600 feet before the first of the larger veins could be reached. The work is being continued with the expectation of soon reaching ore in quantity.

Similkameen.—The British Columbia Copper Company has commenced prospecting work on the large group of mineral claims in Voigt's camp, Copper Mountain, near Princeton, described in the Canadian Mining Journal of August 1 (p. 493). A newspaper story to the effect that the price agreed upon should this property be purchased under the bond, is \$2,000,000 is a flight of imagination, as is also the statement that other expenditure provided for will bring the total up to \$3,000,000. The price named in the bond is only about one-fifth of \$2,000,000, while but a limited amount has been appropriated for prospecting and development work. If sufficiently encouraging results shall be obtained, most likely development work will be continued, but not otherwise.