

Mining Throughout British Columbia

Receipts at Trail—1916 Mining Dividends—Slocan Star Year—Development of British Columbia Copper—Recent Dividends.

Ore shipments to the Consolidated company's smelter at Trail during the period from December 15 to December 21 were from twenty-eight properties and totalled 5,252 tons. In detail they were:

Sullivan, Kimberley	2,360
Electric Point, Boundary	340
United Copper, Chewelah	176
Knob Hill, Republic	406
Hope Moyer L. Company, Republic	75
Idaho Alamo, Alamo Siding	43
Ruth, Sandon	45
Meteor, Slocan City	14
Monitor, Port Alberni	46
Galena Farm, Silverton	10
Emma, Coltern	529
Standard, Silverton	15
California, Nelson	72
Iron Mask, Kamloops	270
Eureka, Nelson	53
Hewitt, Silverton	38
Silver Standard, New Hazelton	70
Emerald, Salmo	237
Queen Bess, Slocan City	39
Lucky Jim, Kaslo	76
Jennie Bell, Ymir	10
Bluebell, Riondel	46
Banker, Maestro, Ainsworth	28
Paradise, Invermere	46
Mine Centre, Olive, Ont.	29
Aberdeen, Merritt	42
Rambler, Rambler	15
Josie, Rossland	123

Total 5,252

Dividend payments in 1916 by the metalliferous mining companies of British Columbia totalled \$2,889,495 by the middle of November. Other dividends will be declared before the end of the year which are confidently expected to bring the amount up to \$3,300,000. These figures show a remarkable increase over those of last year, and even if the estimate for the full year falls short of \$3,300,000, the figures are already very far in advance of the year 1914 and 1915. The total for the whole of 1915 was \$1,586,820, and for 1914 the total was \$1,639,331.

Dividend announcements so far made and a comparison with 1915 follows:

	1916	1915
Canadian Consolidated	\$ 776,601	\$468,016
Granby	1,047,894	222,470
Hedley (est.)	240,000	300,000
Le Roi		59,600
Rambler-Cariboo	87,500	35,000
Mother Lode	137,500	
Standard	600,000	250,000

The Britannia mines do not figure in this list and there are a number of other mining companies to hear from. Cold weather having set in, the year's placer gold mining season is practically at an end. Reports from the Atlin field, which are not official, make it appear that about \$400,000 is the total value of the season's yield from the Atlin creeks. The official estimate may be below that sum, as it has been stated that the water supply of hydraulicking was not as plentiful throughout the season as in some other years.

The Cariboo and Quesnel divisions gave a total value of \$300,000 in 1915 and complete advices as to the result of this year's operations have not been received, but it is not thought that so far as that division is concerned they will be higher than last year.

Mr. R. S. Lennie, president of the Slocan Star mines, reported to the shareholders at their recent annual meeting on the progress of the company for the year ending October 31, 1916:

The year under review has been an important one in the history of the Company's operations, by reason of the fact that adequate mine and mill equipment has been supplied, and although unavoidable delays occurred in its installation, your directors are now pleased to report that it has been completed, which will permit of continuous operation to full capacity the year round.

Shortage of water and power at certain seasons of the year has detrimentally affected the development and production, but these have now been overcome and the plant has been paid for by the sale of debentures, authorized at an extraordinary general meeting of the shareholders, held on January 6, 1916, whereby an authorized issue of \$100,000 was made of 7 per cent bonds. The trust deed to secure these bonds provides that they are to be paid out of profits and no further purchases of property are to be made until the issue is discharged.

A market was found for the zinc concentrates on hand at date of last report, giving a gross return of \$35,271.63, and lead concentrates have since been produced amounting to \$113,536.66, which resulted in a net smelter value of \$85,109.01, or \$89.41 per ton, while lead slimes amounted to \$7,438.90 of a net smelter value of \$5,364.69, or \$73.32 per ton. Crude ore was shipped amounting to \$10,059.05, giving a net smelter value of \$8,001.31, or \$119.57 per ton. Zinc concentrates were shipped giving a net value of \$5,139.05, or \$9.01 per ton.

The unsatisfactory zinc product necessitated the improvement of the plant and the installation of a process determined upon after numerous tests and investigations.

The development consisted of 1,609.4 feet of drifts, raises and crosscuts in the different levels of the mine, as set out in the superintendent's report.

Your directors confidently feel that the recent developments, the improved markets and metal prices, and the improved equipment for handling and saving our products, should this year result in much better returns and more profitable operations.

The erection of a 200-ton mill near Princeton, and the construction of a railroad to the mine at Copper Mountain, thirteen miles, is proposed by the Canada Copper Corporation, Limited, according to a report from New York. The company operates the smelter at Greenwood, B. C. The cost of building the mill and railroad is estimated at \$2,000,000.

Erection of the larger plant has been preceded by the installation of a 50-ton experimental mill to be used in working out the final problems of a flotation process for the 2000-ton plant. A pumping equipment has been established to raise the water from the Similkameen River to the plant—5,000 feet, and to an elevation of 1,700 feet.

"At Copper Mountain the company is developing a new low grade porphyry copper property in which ore approximating 11,000,000 tons, has been developed," says the statement. "This ore has an average value of 1.75 per cent copper and about 20 cents in recoverable gold and silver to the ton. A recovery of 80 per cent, and a profit of 5 cents a pound are expected on a basis of 14 to 15 cents for copper.

"The 2,000-foot tunnel the company is driving has attained the 1,400-foot point, this distance having been driven since July 1. The Copper Farm ore body was cut at the 1,000-foot point, and the Vancouver at the 1,300-foot point. Arrival at the Sunset, the principal ore body, is expected at the 2,000-foot point. The tunnel is advancing at the rate of nearly twenty feet a day. The number of employees at this mine is 200."