

Mining Throughout British Columbia

Receipts at Trail Smelter—Granby Operating Costs—Utica Smelting Results—Recent Dividends, Earning Statements and Bonds—Mining Notes.

Four mines which have shipped for the first time this year appear on last week's list of receipts at Trail smelter. They are the Gray Copper and Lone Bachelor at Sandon, in the Slocan District; the Prince Henry, near Greenwood, and the Kamloops Agencies at Kamloops. The Gray Copper shipped 37 tons, the Lone Bachelor 7 tons, the Kamloops Agencies 18 tons and the Prince Henry 7 tons.

Thirty-four mines appear on the list, and the total tonnage for the week was 8,327, against 7,541 in the preceding week. The total for the year to date is 224,279 tons.

Fifteen of the shippers are located in the Slocan and Ainsworth District, two in Rossland, three in East Kootenay, three in the Boundary, one in Nelson and seven in the United States.

The heaviest shipper in the week was the Sullivan mine at Kimberley, which produces most of the ore from which the Consolidated Company's electrolytic zinc plant is turning out 50 tons of refined zinc daily for the use of the Entente munition factories. Five mines in the Slocan and Ainsworth District each shipped more than 100 tons. They are Highland, the Queen Bess, the Retallack at Whitewater, the Surprise and the Slocan Star. The Emerald, in the Nelson District, which has just concluded arrangements for the installation of a concentrator to treat its lower grade ores, shipped 193 tons of silver-lead ore.

The following are the receipts in gross tons from August 15 to 21, inclusive, with totals for 1917 to date:—

Mine	Location	Week	Year
Centre Star	(Rossland)	809	19,723
Cork-Province	(Slocan)	43	90
Elkhorn	(Boundary)	2	16
Eldon	(Eldon, Alta.)	23	84
Electric Point	(Boundary)	502	9,247
Emma	(Eholt)	1,767	21,739
Emerald	(Salmo)	193	3,126
Galena Farm	(Slocan)	44	1,029
Gray Copper	(Slocan)	37	37
High Grade	(Springdale, W.)	27	483
Highland	(Ainsworth)	146	1,124
Idaho-Alamo	(Slocan)	76	123
Kamloops Agencies	(Kamloops)	18	18
Knob Hill	(Republic, W.)	102	4,749
Le Roi	(Rossland)	591	28,547
Lone Bachelor	(Slocan)	7	7
Lucky Jim	(Slocan)	37	1,363
Mandy	(Le Pas, Man.)	123	2,094
Metaline	(Metaline, Wash.)	33	306
Paradise	(E. Kootenay)	41	1,436
Prince Henry	(Boundary)	7	7
Queen Bess	(Slocan)	172	1,217
Quilp	(Republic, Wn.)	115	692
Rambler-Cariboo	(Slocan)	93	543
Retallack	(Slocan)	122	433
San Poil	(Republic, Wn.)	108	984
Slocan Star	(Slocan)	122	1,032
Standard	(Slocan)	93	6,400
St. Eugene	(E. Kootenay)	70	1,081
Sullivan	(E. Kootenay)	2,391	87,309
Surprise	(Slocan)	116	1,117
Tip Top	(Kashabawa, Ont.)	174	1,640
Van Roi	(Slocan)	82	544
Venus	(Carcross, Yukon)	42	242
Wonderful	(Slocan)	40	197
Other mines			25,500
		8,327	224,279

It cost 9.3 cents a pound for Granby Consolidated to deliver its copper in New York during June, this figure including expense of every kind from mining the ore to refining and selling the finished product, according to a Boston authority. While securing some precious metal values, the credits from these items were not an important factor. The low cost accomplished in June, in face of rising wages and enhanced cost of supplies, was all the more remarkable when it is recalled that throughout that month the Grand Forks property was shut down tight. Its overhead was nevertheless absorbed in June copper expenses.

Granby has been giving an excellent account of itself for some time. After payment of its August dividend, requiring \$374,962, the company had cash and copper of over \$3,000,000. Copper at Anyox was figured at 16 cents a pound, while that in transit and at refineries was taken at 25 cents.

At Grand Forks, which was closed down for some months, six furnaces are in commission, while all furnaces at Hidden Creek have been running full for some time. The new convertors will be installed at the Anyox smelter, increasing capacity of the plant by from 15 to 20 per cent. Costs should be automatically lowered, with the convertors in operation, by from one-half to three-quarters of a cent per pound.

Granby has another plan to expand the scope of its operations. This involves building a by-products coke plant which should be ready for operation in about 18 months. It is expected that it will cost less than \$5 a ton to deliver coke to the company's smelter, or about one-half the present cost of coke in British Columbia.

Granby has arranged for an adequate supply of high grade coking coal. Cost of this by-products coke plant will run from \$1,250,000 to \$1,500,000, but the saving to be effected from its operation should insure return of the capital invested in less than three years.

Concerning the Utica Mines, Ltd., which is operating a silver-lead-zinc mine situated in the western part of Ainsworth mining division, West Kootenay, the Spokesman-Review on the 17th inst. published the following:—

The regular quarterly dividend of \$32,000 was declared by the directors of the Utica Mines, Limited, in session in Spokane on August 16. This is at the rate of 2 cents a share. Payments will be made on September 15 to stockholders of record on September 5. A dividend of \$32,000 was disbursed on June 15 last.

The value of the ore has been increased \$16 to the ton in recent weeks as a result of the advance in the price of silver, according to an official statement. The average content since shipments began several years ago is 170 ounces of silver to the ton, but early operators were not so keen in the selection, nor had the depths of the better grades been reached. Settlements on recent shipments were at the rate of 226 ounces to the ton, but 200 is regarded as a fair average. Each time silver advances a cent an ounce the value of the ore is enhanced \$2.00 a ton. At the quotation of 86¾ cents an ounce, Utica ore was worth \$173.50 for silver alone on a basis of 200 ounces to the ton. The lead yield is \$48 to the ton at current prices. This raises the gross value to \$221.50 a ton.

The company does not obtain a settlement on this basis because of a penalty on the zinc in the ore, but

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