

Mining Throughout British Columbia

Receipts and Shipments at Trail Smelter—W. H. Brewer on Atlin Mining District—Zinc Shipments Increase Granby Output in January.

Ore from 11 mines, amounting to 8,487 tons, was treated at the smelter of the Consolidated Mining & Smelting Company of Canada, Limited, at Trail, B. C., during the past week. During the year to date 86,133 tons of ore have been treated at the Consolidated Company's smelter. Mines from which ore was treated during the past week, with the tonnage treated during the week and for the year to date, were:—

	Rossland.	Week.	Year.
Centre Star		4,034	39,843
Le Roi		2,860	28,333
Le Roi No. 2		200	3,141
Other mines			5
Total		7,094	71,322
	Nelson.		
Emerald		33	368
Summit		2	5
Other mines			639
Total		35	1,012
	Lardean.		
Other mines			17
	East Kootenay.		
Sullivan		959	8,160
	Slocan and Ainsworth.		
Utica		34	67
Ruth		48	48
Other mines			1,235
Total		82	1,350
	Consolidated Co.'s Receipts, Trail, B. C.		
United Copper		105	852
Ben Hur		161	2,003
Lone Pine		51	99
Centre Star		4,034	39,843
Le Roi		2,860	28,333
Le Roi No. 2		200	3,141
Emerald		33	368
Summit		2	5
Sullivan		959	8,160
Utica		34	67
Ruth		48	48
Other mines			3,214
Total		8,487	86,133

—NELSON NEWS.

W. H. Brewster, M.E., who last year made an investigation of the mineral developments in the Atlin Mining Division for the Provincial Department of Mines, has had his report printed by the Government for distribution to the mining interests and the general public.

This territory has been covered in the reports of the Minister of Mines for 1900, 1905 and 1911, as well as by D. D. Cairns in Memoir No. 37 of the Canadian Geological Survey.

The report of Mr. Brewer covers the mining operations of 1914. In the Atlin district most of the mining has been carried on by hydraulic mining; the use of dredges has not been attempted since 1904. The O'Donnell River district has been examined, particularly the workings of the O'Donnell Placer Company, Limited. A preliminary railway survey has been run from Taku Inlet, Alaska, to Atlin, but on

account of war the work has been stopped. The whole district needs a railroad badly for the economic handling of ore. While values are low the tonnage is large, which will admit of only large handling for profitable results.

A large deposit of magnesite of high grade, which is controlled by a Vancouver syndicate, is being developed, and looks like a profitable undertaking on account of high prices obtaining in Canada and the States, due to the shutting off of supply from Germany.

On Fourth of July Creek the Big Canyon Group were examined, and also the Imperial Group, although little work has been done on them since 1904. On Taku Arm considerable work has been accomplished with favorable results, the Engineer Group showing promise. In this district the Kirtland Group, the Gleaner Group and the Lawson Group were also the subject of examination.

In the western district Mr. Brewer examined the mining developments in the Rainy Hollow territory on the Klehini River, which is reached from Haines Mission, Alaska. Information on this district has been previously printed in Minister of Mines reports of 1900 and 1907. Very little actual development has taken place since 1907. The Maid of Erin, which has a considerable showing of ore, the Elise, Empress, Corona, Hibernian, Jarvis, Victoria, War Eagle, Majestic, New York, Adams, Custer, Wonderful, and the Three Guardsmen Group were visited and examined.

The impressions that prevail in one's mind after examining carefully the conditions of the Rainy Hollow camp are that without railway connections for transporting ore, machinery and supplies, the future of the camp is not very promising. The owners of the properties are men of small means unable to stand the cost of development work; while, on the other hand, unless sufficient tonnage of ore is available to furnish freight it will be very difficult to enlist capital into the enterprise of building a railroad; so that a deadlock exists which up to the present time has been impassable, although four different organizations have attempted to float a company to construct a railroad, about forty miles of which would be in United States territory and about twelve miles in Canadian territory.

Shipments of zinc ore from the mines of Slocan district to the smelters of the United States continue to show an increase over the shipments of last year. During February there were shipped 153 tons more than were shipped from the district during the corresponding month of last year. Last month 855 tons were shipped, while in February last year 702 tons were shipped. Mines shipping during the past month with the amounts were:

Rambler-Cariboo, 84; Whitewater, 86; Surprise, 516; Utica, 43; Silverton Mines (Hewitt), 126.

It is understood that January earnings of Granby Consolidated based on 14½ cent copper were close to \$100,000.

January operations of the Grand Forks and Anyox smelters resulted in a production of 2,170,139 pounds of copper against 1,616,556 pounds in December and 2,706,595 pounds in June, which is the highest yield from the two plants to date.

Detailed yield of the two smelters in January was as follows:

	Grand Forks.	Anyox.	Total.
Copper, lbs.	775,786	1,394,353	2,170,139
Silver, oz.	12,223	19,053	31,276
Gold, oz.	2,019	506	2,525

By the middle of the current year Granby should have reached the maximum tonnage thus far planned for. This would entail full operations at the Grand Forks plant, three furnaces in blast at the Hidden Creek property and the inauguration of shipments from the Midas mine in Alaska, work upon which has been suspended for several months.