

Mining Throughout British Columbia

Receipts and Shipments at Trail Smelter—Output of Granby for First Quarter of Year—Rocher-de-Boule Shipments—Important Memoirs Issued.

Although the number of shippers to the Consolidated Mining & Smelting Company's plant at Trail was but 13 this week as against 19 last week, the tonnage shipped was comparatively greater; 8,027 tons were treated.

The total tonnage treated at Trail so far this year is now practically 180,000. The Hamilton and Hewitt appear on the list, the former for the first time in several weeks. The Centre Star, the heaviest shipper, has a total for the current year of 75,962 tons.

Below is given the table showing weekly and total shipments for 1915 to date:

Rossland.		
	Week.	Year.
Centre Star	3,724	75,962
Le Roi	2,188	55,950
Le Roi No. 2	416	6,942
Other mines		5
Total	6,328	138,859
Slocan and Ainsworth.		
Hewitt	124	309
Number One	170	1,401
Surprise	135	1,001
Other mines		1,287
Total	429	3,998
Nelson.		
Emerald	32	430
Other mines		978
Total	32	1,408
East Kootenay.		
Sullivan	815	17,750
Consolidated Company, Trail.		
Centre Star	3,724	75,962
Le Roi	2,188	55,950
Le Roi No. 2	416	6,942
Sullivan	815	17,750
Longworth	40	413
Lone Pine	188	1,406
Ben Hur	128	5,011
Surprise	135	1,001
United Copper	48	1,779
Hewitt	124	309
Number One	170	1,401
Emerald	32	430
Hamilton	19	19
Other mines		11,197
Total	8,027	179,270

—Nelson News.

During the first quarter of 1915 Granby, from its two properties, produced nearly 7,000,000 pounds of copper, an amount far in excess of any previous records. Neither smelter was worked to capacity in that period; in fact, Grand Forks operations were just resuming at the beginning of the year, while the Hidden Creek plant was running alternately, and one and two furnaces as conditions permitted. Production in the first three months was as follows:

Grand Forks.

	Copper. lbs.	Gold. ozs.	Silver. ozs.
January	775,786	2,019	12,223
February	1,029,885	3,012	19,514
March	1,196,670	3,268	21,577

Hidden Creek.

	Copper.	Gold.	Silver.
January	1,394,353	506	19,053
February	763,488	203	7,438
March	1,597,022	676	26,048

Granby has had no difficulty in laying down copper in New York from its new smelter at Anyox for eight cents a pound. With three furnaces in continuous blast, and a fourth held in reserve, that cost is expected to be materially lowered. The saving of copper from flue dust will be an important factor in this direction while the use of the Panama Canal from the Pacific to New York, effecting a big saving in freight, will also be a factor in lowering costs.

Mining on a scale hitherto unattempted in this district is in progress in the Rocher de Boule mine, near Hazelton. Superintendent D. J. Williams, of the Montana-Continental Development Co., was down this week, and informed The Miner that his company had already shipped 40 cars of ore to Anyox. The present rate of shipment, 400 tons a week, will be increased to 100 tons a day after June 1. Forty-five men are employed, and development is being pushed forward. The tramway and power plant are in excellent condition; everything is going well, and with 19-cent copper the auspices seem exceedingly favorable.—Omineca Miner.

The option of the Tonopah-Belmont Development Co., which has already spent over \$100,000 in development work on the Surf Inlet Gold Mine on Princess Royal Island, and which would expire by time limitation on July 1, has been extended for a period of six months.

Mr. Clyde A. Heller, president of the Tonopah-Belmont Company, and Mr. Fred Bradshaw, general superintendent, visited the property last month. With a crew of fifty men working since April, 1914, a great body of low grade quartz has been blocked out, and Messrs. Heller and Bradshaw are well pleased with the result. If the Tonopah-Belmont people take up the option on January 1 next it will involve an outlay for plant and equipment of several millions of dollars for the economic handling of the ore.

We are in receipt of Memoir 56, Geological Series, being Geology of Franklin Mining Camp, British Columbia, issued by the Geological Survey, Department of Mines, Ottawa, and contributed by Charles W. Drysdale.

This camp forms a part of the Similkameen division of the Yale district in South Central British Columbia. It is situated on the east branch of the North Fork of the Kettle River, due north of Grand Forks, British Columbia, and Danville, Washington, 37 miles from the International Boundary. For all those interested in the geology of the district and the mineral occurrence it will prove an invaluable guide.

We are also in receipt of Memoir No. 38 of the Geological Survey, Department of Mines, Ottawa, being the Geology of the North American Cordillera at the Fortyninth Parallel, in three parts, contributed by Reginald A. Daly, of the Massachusetts Institute of Technology.

This monumental work is issued by the Geological Survey through the courtesy of Mr. W. F. King, Chief Astronomer, Department of Interior. The field work was done under the International Boundary Commission and appears as an appendix to the report of Mr. King, the Canadian Commissioner. Because of its value for reference in dealing with the geology of British Columbia it is now made available to the public.