

# Mining Throughout British Columbia

Receipts and Shipments at Trail Smelter and Totals for the Year—Nearly 400,000 Tons of Ore Treated—Good Work at Granby Bay and Grand Forks—Lead Bounties in the Kootenay and Boundary District.

Close to 400,000 tons of ore were treated at the smelter of the Consolidated Mining & Smelting Company of Canada, Limited, at Trail, B. C., during the 12 months which closed Dec. 26th. Up to that date 385,889 tons of ore had been treated at the smelter, which, with the past week's treatment, would bring the total tonnage close to the 400,000 mark.

During the week ending Dec. 26th, 6,871 tons of ore from 17 mines, and during the week ending Jan. 2nd, 8,994 tons of ore from 14 mines, were treated at the smelter. Mines from which ore was treated, with the tonnage shipped during these periods and for the year to date, were:

**Rossland.**

	Dec. 26.	Year.	Jan. 2.
Le Roi No. 2, milled	325	16,680	325
Centre Star	2,641	170,227	3,567
Le Roi	2,157	93,044	3,153
Le Roi No. 2	175	18,870	.....
Other mines	.....	88	.....
Josie	.....	.....	333
<b>Total</b>	<b>5,298</b>	<b>298,909</b>	<b>7,378</b>

**Nelson.**

Queen, milled	350	18,200	350
Motherlode, milled	500	20,330	500
Other mines	.....	9,085	.....
Queen	.....	.....	37
<b>Total</b>	<b>850</b>	<b>47,615</b>	<b>887</b>

**Lardeau.**

Ajax	22	52	.....
Other mines	.....	57	.....
<b>Total</b>	<b>22</b>	<b>109</b>	<b>.....</b>

**East Kootenay.**

Sullivan	1,203	34,529	1,316
Other mines	.....	949	.....
<b>Total</b>	<b>1,203</b>	<b>35,478</b>	<b>1,316</b>

**Slocan and Ainsworth.**

Slocan Star	40	868	.....
Ruth	48	373	.....
Surprise	54	593	54
Rambler Cariboo	113	1,893	40
Hewitt	31	261	33
Whitewater	41	219	.....
Noonday	20	20	.....
Cork	63	63	.....
Other mines	.....	163,082	.....
Wonderful	.....	.....	34
<b>Total</b>	<b>410</b>	<b>167,372</b>	<b>161</b>

**Consolidated Co.'s Receipts, Trail, B. C.**

Ben Hur	189	14,238	187
Rathfon Reduction Co.	49	682	.....
Lone Pine	23	47	.....
Sunday (Meyer's Falls)	2	2	.....
Centre Star	2,641	170,227	3,567
Le Roi	2,157	93,044	3,153
Le Roi No. 2	175	18,870	.....
Ajax	22	52	.....
Sullivan	1,203	34,529	1,316
Slocan Star	40	868	.....

Ruth	48	373	.....
Surprise	54	593	54
Rambler Cariboo	113	1,893	40
Hewitt	31	261	33
Whitewater	41	219	.....
Noonday	20	20	.....
Cork	63	63	.....
Other mines	.....	335,981	.....
United Copper	.....	.....	155
Union	.....	.....	25
Knob Hill	.....	.....	50
Hope	.....	.....	10
Josie	.....	.....	333
Queen	.....	.....	37
Wonderful	.....	.....	34
<b>Total</b>	<b>6,871</b>	<b>385,889</b>	<b>8,994</b>

—Nelson News.

The Granby Consolidated Mining & Smelting Company has now blown in four furnaces of its Grand Forks plant and will handle about 2,000 tons of ore a day from its Phoenix mines.

The company's smelter at Granby Bay is doing remarkably good work, states Mr. Haggen, having produced for the month of November 2,000,000 pounds of copper from two furnaces, as against 1,794,308 pounds copper for the previous month. The cost of production is placed at 6½c per pound, with a prospective further reduction. The cost of shipping the copper to the refinery and the refining charges amount to another 1½ cents per pound, so that Granby is now producing copper for eight cents per pound. Of the twenty-eight principal American copper mines, this figure for cost of production is beaten by only two—the Calumet and Arizona, with a cost price of 7.65 per pound, and the Utah Consolidated with a cost price of 7.15 per pound. The Granby Company has always been noted for the low costs achieved in its mining and metallurgical work, and the past figures at the Grand Forks smelter, considering the low grade of ore treated, are beaten nowhere the world over. The fuel problem is the most difficult to be faced at Granby Bay as coke must cost about \$10 a ton delivered there. By adopting a process of pyritic smelting, whereby the sulphur in the ore is utilized, the coke charge is reduced from 4 to 5 per cent.

Mr. G. O. Buchanan, Lead Bounty Commissioner, was in Nelson recently conferring with mine owners in regard to annual reports on mines to determine amount of bounty due on lead mining in the Province.

The London Metal Exchange, states Mr. Buchanan, was closed from July 31 to November 9, during which time there were no quotations. However, a committee of the exchange met at the end of each month and gave its opinion as to a fair average settlement price for that month. He believes that this settlement price may be accepted by the Government as a basis of settlement under the Lead Bounty Act.

He has been informed that in August the price was £20 odd, in September it was £19 odd and in October £17 8s 9 64-100d, which apparently would give mineowners in Canada a fraction of the bounty. Since November 9 the regular quotations have been obtainable, but, with the exception of six days, when the price was £17 17s 6d, the quotation was above the limit of £18.

Prior to July 31 there was only one day on which the price of lead fell below £18, that day being in April, and for this reason the bounty payable this year will be small.