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MINING NEWS.

SHIPMENTS OF ORE FROM THE ROSSLAND CAMP.

Rosslund, B.C., Feb. 4.—The ore shipments from Rosslund Camp, for the week ending February 3, are again well over the average, 5,745 tons having been sent down to Smelter. The output from LeRoi was one of the largest shipments ever sent out by the mine in any one week, over 2,600 tons having been sent to the Northport smelter. The Centre Star shipments have come back again to the average looked for, of 1,000 a week. The total shipments for January were 21,432.5 tons, approximately, having an estimated value of \$139,776. The corrected returns for January, showing smelter weights, are not in, but a slight change has been made in the returns for I. X. L., Evening Star and Giant.

The following figures are given for January shipments: LeRoi, 9,198; War Eagle, 8,221; Centre Star, 5,668; Iron Mask, 976.5 tons.

Appended is a detailed statement of the shipments of ore from Rosslund camp (approximated), for the week ending February 3, and year to date:

Mine.	Week.	Year.
LeRoi	2,646	10,332
War Eagle	1,827	8,883
Centre Star	976.2	6,016.5
Iron Mask	220.5	1,071
Evening Star	25	55
I. X. L.	50	98
Monte Cristo		273
Giant		42
Total tons	5,744	26,770.5

THE REPUBLIC MILL.

Details have just been sent east of the proposed Republic mill which is to be erected in the camp of that name by the Republic Mining Company under the supervision of Mr. D. C. Jackling, the well-known expert. The plant will be situated above No. 4 tunnel of the Republic mine and slightly to the south of it, and will be in five different levels. There will be a total elevation of 41 feet between the extreme upper and lower levels. The extreme width up and down the hill will be 253 feet and the extreme length along the face of the hill will be 315 feet, four buildings being combined into one general structure. The first or upper building will be 57 feet long, the second 315 feet long, the third 205 feet long and the fourth 53 feet long. On the upper level will be an ore bin with a capacity of 800 tons, and the revolving ore dryers with a capacity of 125 tons each every twenty-four hours. On the second level will be the crushing machinery, consisting of rolls and ball

mills. On the third level will be an ore bin of 800 tons capacity for the finished crushings, and three Jackling straight-line roasting furnaces of 75 tons capacity each with space for an additional furnace. On the fourth level will be the leaching department, consisting of steel tanks 22 feet square and 6½ feet deep, while on the fifth level will be the solution storage tanks, the precipitating tanks and filter presses for collecting the valuable product. Above and to the right of the main will be a sampling mill with a capacity of 200 tons every 12 hours. Work was begun last week and 100 men will be employed; 700 or 800 tons of machinery will be set up, as well as 1,000,000 feet of lumber. The mill, which will have a daily capacity of 200 tons, will be completed by July 1st.

RESULT OF COPPER SUIT.

New York, Feb. 4.—Wall Streer was much interested yesterday in the announcement that the second of the great copper suits instituted by the Boston and Montana, and the Butte and Boston companies against F. Augustus Heinze, of the Montana Ore Purchasing Company, had been decided in favor of the latter, the defendant in the action. The action has a bearing on the Amalgamated Copper Company, it being impossible, it is said, to transfer Butte and Boston stock to the Amalgamated Company while the litigation is pending.

This action was brought several years ago by E. Rollins Morse, receiver of the then bankrupt Butte and Boston Company, which owns the Michael Davitt mine, to restrain the Montana Ore Purchasing Company from extracting ore from the Rarus and Johnston claims, the veins of which extend under the surface of the Michael Davitt mine, as also under the Pennsylvania, the great mine of the Boston and Montana Company.

In the suit, heard in the United States Court, at Helena, Mont., a demand was made for \$165,000, the value of ore alleged to have been illegally taken by the Montana Ore Purchasing Company. In reality, however, it involved \$3,000,000 of ore, which was tied up in the litigation. A previous trial of the case resulted in a disagreement. Large sums of money have been spent on both sides for counsel and expert fees and development work. The decision confirms the contention of the defendant of extra-lateral rights, and establishes the title to ore bodies of enormous value lying under the Michael Davitt and Pennsylvania claims, but apexing within the Rarus and Johnston claims.

QUILP'S ORE BODY BEING CUT ON THE 100-FOOT LEVEL.

The Quilp is attracting increased attention every day. It now looks as though it would be a mine of extraordinary proportions. The recent advance of the shares in the open market to 22½ cents is not without cause. The conditions on the property amply justify such an advance.

The winze, work on which has been in progress for some time, reached the 100-foot level a week or more since when a crosscut was started towards the hanging wall. This has been in solid clean quartz all the time of fair grade and up to yesterday was in 12 feet. It is the finding of this large body of good ore on the lower level which creates such confidence in the property and is no doubt the secret of the advance of the shares. It is now reasonably certain that the same immense ore body found on the 50-foot level will be found on the 100-foot level. At the 50-foot station crosscuts were run towards both the foot and the hanging walls. It was 50 feet to the hanging wall and 70 feet to the footwall, making 120 feet of a crosscut altogether, and of this more than 40 feet is in clean quartz of workable

grade. The remainder is mixed and low grade stuff. But the 40 feet of good ore makes the Quilp one of the greatest mines of the country if it continues down. The crosscut on the 100-foot level having come into what appears to be the same body of ore as found above, the continuity and permanency of the great pay chute seems to be pretty well established.

The new seven-drill compressor, the new one-horse power hoist and the pumps are now on the way in and will soon be here. Excavation for the compressor will be made in the hillside across the road just opposite the mouth of the tunnel. A force of 18 men are now at work and this will be greatly increased as soon as the new machine plant is in. It is not probable any ore will be stoped until the new Republic mill is in operation next July. By that time a very large quantity of ore could be taken out. It looks as though the Quilp might be the heaviest ore producer of the camp. It would be foolish to attempt to estimate the possibilities of the mine at the present stage of development.—Republic Miner, 5th Feb.

GIANT.

The new compressor plant on the Giant is now working in a very satisfactory manner. Crosscutting is in progress on the 50 and the 100-foot levels. On the 50-foot level the drift is in for a distance of 20 feet and it is thought the ledge will be met in the next 30 feet. On the 100-foot level a station has been cut and crosscutting has just commenced. It is thought the crosscut will have to be run for a distance of from 100 to 150 feet here before the ledge will be encountered.

ORIPPLE CREEK MINING STOCKS

Feb. 1, 1900.

Capital.	Par Value.		Asked.
1,500,000	\$1.00	Acacia37½
2,500,000	1.00	Battle Mt'n.....	.34
900,000	1.00	Ben Hur14
		Black Belle.....	.14
1,500,000	1.00	Bob Lee.....	.06½
2,000,000	1.00	Crosscut.....	.20
2,000,000	1.00	Columb-Victor20
2,000,000	1.00	C. C. Cons.....	.18
2,000,000	1.00	C. O. & M.....	.13
1,250,000	1.00	Dante.....	.16
2,000,000	1.00	Damor.....	.28½
1,250,000	1.00	Elkton.....	.13
1,500,000	1.00	Flower.....	.03½
1,250,000	1.00	Findry14
1,000,000	1.00	Gold Coin11
3,000,000	1.00	Gold Sovereign.....	.11½
2,000,000	1.00	Gold Stone.....	.83
1,000,000	1.00	Gould.....	.19½
		Hart.....	.02
		Hayden.....	.61
1,225,000	1.00	Indepen. T. & M.....	1.27½
2,250,000	1.00	Isabella61
500,000	1.00	Ida May.....	.15½
1,250,000	1.00	Jack Pot10½
1,500,000	1.00	Keystone.....	.19½
1,500,000	1.00	Kimberly.....	.80
1,500,000	1.00	Lexington.....	.70
1,000,000	1.00	Matra.....	.04½
600,000	1.00	Mon Ancon03½
1,250,000	1.00	Magnet.....	.10
1,250,000	1.00	Maria A.....	.08
		Midway.....	.05½
1,000,000	1.00	Mt'n Beauty.....	.08½
1,000,000	1.00	Nugget.....	.08
1,500,000	1.00	New Haven.....	.08
1,250,000	1.00	Oriole.....	.05½
2,000,000	1.00	Pappoose08½
3,000,000	1.00	Portland.....	2.39½
1,000,000	1.00	Princess.....	.06
		Raven.....	.83
1,250,000	1.00	Silver State.....	.03
2,000,000	1.00	Phoebe.....	.48
1,000,000	1.00	Sacramento.....	.21½
		Tornado	
		Union.....	
1,500,000	1.00	Work.....	
		Zenobia.....	