

A WEEK OF PROGRESS

The Mining Record Shows Substantial Advances in Rossland.

Concentration Is Now an Accomplished Fact—Other Progress.

Ore shipments from the Rossland camp for the week ending last night are lower than usual. An accident to the sampler at the Northport smelter prevented the unloading of cars promptly, with the result that the yard became congested, followed by a natural shortage of cars at this end of the line.

Other matters proceeded about as usual at the big mines of the camp. A feature of interest was the announcement that the Kootenay mill is to resume shipments to the Northport smelter. It is understood that in the course of the work that has been steadily under way at the mine for some time a considerable tonnage of payable ore has been accumulated, and the management is anxious to clear the ore bins. It is not likely that for the immediate future the output will be quite as large as was the case during the summer, when the Kootenay sent out from fifty to sixty tons daily.

Work at the concentrators has been under way actively. The Le Roi mill is practically completed, only requiring finishing touches here and there and a few days' running to "true up" the heavy machinery. One side of the plant has already gone through this process and is in daily operation. The tailings from the plant flow down hill under the Joseph ramway, and the nature of the water discolors to the passery that concentration is at last an accomplished fact in the Golden City. Within the present week the entire works will be in steady operation on the various test runs contemplated in connection with the several grades of ore which it is desired to treat with the plant. In the course of this series of experiments some points of importance will be determined that could not be established on the smaller scale in practice heretofore, namely, the questions as to costs of operation, loss of oil and points in respect to the fineness to which the ore should be crushed to secure best results.

At the Rossland Power company's mill site on the Columbia river marked activity has been displayed. A force of sixty men is engaged, and when sufficient material arrives on the ground the crew is likely to be increased to 150 or more. Little difficulty has been experienced in securing men, which is somewhat unexpected in view of the paucity of skilled labor reported in other directions. The energies of the men in charge of the construction work are, of course, centered in getting the main buildings up and roofed in before the snow falls sufficiently to hamper outdoor work. At the rate of progress attained to date since work was started it would seem as if the task was not insuperable, despite the lateness of the season. Locally about the only construction work of note is at the White Bear where the big headworks are practically ready for the casing. The big timbers composing the gallow's frame and hoisting works generally have elicited the admiration of those who appreciate solidity in such buildings. The new compressor building, assay office and headworks combined place the White Bear on a parity with most of the mines of the Rossland camp in respect to buildings.

THE OUTPUT.

Table with columns: Shipments for the week ending October 17th and for the year to date are as follows. Lists various mines and their output for the week and year.

AMONG THE MINES.

ROOTENAY.—The Kootenay mine is again to the fore in the public eye this week by reason of the increased activity at the mine during the week. The force has been increased to the strength maintained at the period when shipping operations were under

way, in fact more men are engaged now than at any time in the history of the property for several years. Shipments will be commenced tomorrow if arrangements for teaming are concluded by that time, and in the course of the next few weeks will probably be as extensive as at any time in the past. Meantime development work is being carried ahead in the deep levels of the mine with stoping in the upper levels.

NICKEL PLATE.—Tomorrow will probably see the close of the work under way at the Nickel Plate mine for the past two or three months. The heavy brick bulkheads on the 600 and 800 levels have been completed, leaving the work on the 400 yet to be done. The management will test the deep level bulkheads before proceeding with the construction of that on the 400. No announcement has yet been made with respect to the ultimate outcome of the plans regarding the Nickel Plate property.

LE ROI.—The week has seen no special deviation from the conventional plan of operations at the mine. The fact that ore cars were scarce at one stage had the effect of confining shipments largely to first class ore, to the exclusion in large measure of dump ore. In the various stopes mining operations were carried ahead as usual, and development in the deep levels progressed materially.

CENTRE STAR.—The operations at the Centre Star were continued steadily during the week, and as will be seen from the list of shipments the mine maintained its output at normal figures. Stoping in the various levels down to the 600 has been continued, and development on the 700 is well under way.

WAR EAGLE.—Activity in mining on all levels and development in the lower workings have been proceeded with throughout the week, and satisfactory results are reported, generally speaking the operation of the mine has been confined to the plans in effect for some months past.

SPITZEE.—The week has been devoted to work on the first level west of the dyke, where exploration has been proceeding steadily. Cars having been secured, steps were taken to clear the ore bins of the ore gathered there during the fortnight in which the mine could not get the rolling stock to ship ore in.

WHITE BEAR.—The week has seen the commencement of work on the 1000 level in the showing intersected by the shaft. The drift is to be carried ahead steadily through the ore shoot for the purpose of securing full information as to its magnitude, value, etc. By the time the 1000 level is thoroughly opened up it is expected the new headworks will be in full running order and active mining ready to start.

THE BOUNDARY.—Ore is being rawhided from the Roderick Dhu mine to the Long Lake wagon road. There are about 15 tons on the dump ready for shipment. Its average value is \$18 a ton.

GIANT.—The proposed development of the deep workings on a large scale has not been commenced as yet. The work of stripping the ledge and other surface operations continue as usual.

JOSIE.—Mining, development and exploration have been carried ahead steadily on the various levels during the week, and satisfactory results are reported. The showing of rich ore in the lower levels has proved to be of gratifying magnitude. In the concentrator tunnel work is being continued steadily. The greatest interest about the property centres at the concentrator, where operations to date have, according to report, given results almost surprisingly good.

I. X. L.—The milling operations have been maintained without interruption and the lessees have had another satisfactory week's work in handling the dumps. It is stated that the next clean-up will be even better than either of the two that preceded it.

BOUNDARY SHIPMENTS. The following shipments were made by the Boundary mines: Table with columns: Week, Total, Mine Name, and Amount.

FOUND DEAD. Remains of a Young Man Discovered Near Kaslo.

KASLO, Oct. 20.—A gruesome find was made by J. W. Cogle, of the Kaslo hotel, today on Kaslo mountain. While hunting he stumbled over the body of a well grown young man that had evidently been in the place some time.

That it was a case of suicide is undoubted, and who the unfortunate man can be is a matter of much conjecture. He was well and warmly dressed, wearing rubbers and a considerable quantity of tasteful jewelry, among which was a neat pin with pearl setting and a good watch and chain.

General News Of the Kootenay

Another car of ore was shipped from the Queen mine at Salmo last week. It went to Nelson for treatment.

Superintendent Barnhart was down from the Tamarac the other day, and reports work as progressing very satisfactorily there.

The Porto Rico mill building is now complete, and within a few days it is expected the machinery will all be in position. There is plenty of work ahead.

James Bremner and Tom Flynn report a rich strike on the Old Monarch near Hall. The rock shows high in copper pyrites and molybdenite.

At the Atlin, the crosscut tunnel is in a distance of 230 feet, and some \$7 and \$8 ore has been encountered in a new vein, which was unlooked for. It is expected that the main vein will be struck in the course of a couple of weeks.

Ed. Cole was down from the Spotted Horse arranging for a lot of sacks. They intend to make another shipment of ore, and expect the usual big returns. The lot they are now sacking will be treated at the Porto Rico mill.

The right of way for the Hunter V. tramway is finished, and the gang has been shifted to work on the sidetrack, which is to be used by the railway in loading the ore.

The big flume at the Ymir has been completed and put in operation. It runs from the mill to the cyanide works and carries all the tailings for treatment. The flume is of wood, and is about half a mile in length. This will facilitate operations materially.

The following is a list of the mines and claims that assisted Ymir to take the diploma and three first prizes at Nelson fair, and two first prizes at Spokane fair, beating all other exhibitors at both places: Ymir mine, with samples from all levels, recent strike on No. 4, concentrates, tailings, etc.; Blackcock, Wilcox, Foghorn and Atlin mines; Hunter V. mine, showing native silver from Double Standard claim, and galena, etc., in calcite from Hunter V. claim; Gold Cup, Union Jack, Spotted Horse, Tamarac, Pilot, Queen (Salmo), Canadian King (Eric), Yankee Girl. The claims contributing were the Kitter Fraction, Arizona Redman, Commodore, Wooloomooloo, Sacramento, Ark Group, Meadowlark, Heatherdew, Ymir Belle, Ottawa, Centre Star, Tamarac, Pilot, Queen (Salmo), Canadian King, Show Down, Big Four, and others brought in on the grounds.

THE SLOCAN. A. C. Gardie expects to have the Payne zinc separator turning out high grade ore next month.

McLeod & Thompson, lessees of the Nccntain Con, shipped a car of ore this week.

The Fisher Maiden will resume shipments when the strike becomes permanent. Another strike has been made in the lower tunnel.

Recent assays from the Mountain mine strike a high as 4,000 ounces silver and 60 per cent lead. The ore vein is streaked all through with grey copper.

Luck has come to the lessees of the Black Prince in a big chunk and it is certain that they will make a winning strike this winter. A few days ago they started a raise from the lower workings to connect with the one above, making a distance of 105 feet. The ore seam they commenced on rapidly widened and in twelve feet reached a width of three feet. Part of this assays 150 ounces, part of it 100 ounces, and the whole will average 65 ounces or better.

Since January 10, 1903, the shipments have been as follows: Table with columns: Week, Total, Mine Name, and Amount.

EAST KOOTENAY. A cave-in occurred in No. 4 room of No. 1 mine, Coal Creek, which resulted in the death of Frederick Joseph Scott, one of the two occupants of the room. Typhoid made its appearance at Elk-moath some time ago and several cases have since developed. One victim succumbed to the dread disease. This was Frank Robbins, who formerly lived in Fernie and was employed at Coward's factory.

Mercury 21 62, Monfor. 20 660, Meteor 52 126, Ottawa 126 126, Payne 44 1822, Queen Bess 204 204, Rambler 1448 1448, Reco 153 153, Republic 70 70, Rath 122 539, Rio 9 9, Red Fox 119 119, Slocan Star 21 1995, Slocan Boy 16 16, Silver Glance 55 55, Surprise 5 5, Vancover 20 20, Wonderful 23 23, Total tons 354 11,358

THE STOCK MARKET

The market was quiet through most of the week, and sales were generally light. Rambler-Cariboo presented the only feature of any great interest, making an advance of 6 or 7 points from the lowest mark. Other stocks remained almost stationary.

Table with columns: Mine Name, Price, and Change. Includes American Boy, Ben Hur, Black Tail, Canadian G. F., Cariboo McKin, Centre Star, Fairview, Fisher Maiden, Giant, Granby Consolidated, Morning Glory, Mountain Lion, North Star, Payne, Quill, Rambler-Cariboo, San Polo, Sullivan, Tom Thumb, Water Eagle, Waterloo, White Bear.

SALES. Rambler-Cariboo, 1000, 35; Fisher Maiden, 500, 31-4; Mountain Lion, 1500, 22-2. Total, 3000.

Sullivan, 5,000 at 5; Giant, 2,000 at 2; Fisher Maiden, 3,000 at 3; War Eagle, 1,000 at 1; Wales Copper, 3,000 at 3; Total 14,000 shares.

Cariboo McKinney, 2000, 73-4; Fisher Maiden, 500, 31-4; Mountain Lion, 500, 22-2; North Star, 1000, 91-4; White Bear, 1000, 31-2. Total, 5000.

White Bear, 2000, 31-2; War Eagle, 1000, 11; Centre Star, 1500, 20-1-2. Total, 4500.

Giant, 3000, 21-4; Morning Glory, 5000, 13-4. Total, 8000. IVANHOE'S NEW EPOCH.

Mine Placed on Extensive Producing Basis at Last. The Ivanhoe mine at McGilligan, now admitted to be one of the Slocan's biggest mines, has entered upon a new era of activity. Commencing on Sunday, the mill is working with a double shift, and for an indefinite period the property will ship almost up to the capacity of the works.

The output will be in the neighborhood of 500 tons of concentrates and clean ore per month. This production will be increased upon the completion of a short aerial tramway connecting the mill with the No. 4 adit. A contract for the tram has been let to B. C. Ribbet, and work is to be started at once.

For the past two years the management of the Ivanhoe has devoted attention almost exclusively to the development of the property, with the result that the mine is now opened down to the 1000 level. In the course of the work a considerable amount of ore was broken down, approximating 75 to 100 tons per month, and this has been shipped, the returns being sufficient to meet the costs of operation.

The Ivanhoe produces rich ore, its tonnage netting \$34, with silver at 60 cents and lead netting the count \$1.47 per hundred. With the increased production the mine will be a large dividend earner, but the proprietary concern is a close corporation, the principal shareholders being the Messrs. Yawkey of Detroit and Phil J. Hickey, the present manager.

The Ivanhoe was the first Slocan mine to save zinc concentrates, and this is now an important feature of the operation of the property. The zinc is extracted from the ore on ligs and Wilfley tables and a 47 per cent product is being forwarded regularly to the Empire State smelter at Iola, Kansas.

THE COUNT'S TROUBLES. Case Against Money Lenders on Trial at Berlin.

BERLIN, Oct. 20.—Count von Larisch Moennich, an Austrian nobleman, in testifying today against the syndicate of money lenders who are accused of attempted extortion, said that immediately after his wedding at Buffalo with Miss Mary Satterfield, in June, 1901, a New York bank sent him a draft for \$50,000 forwarded by the syndicate, which he refused to pay.

A DEAL AT POPLAR

POPLAR, Oct. 19.—Philip King and associates have bonded a group of three claims on Gold Mountain to a Spokane syndicate for \$40,000. The group is situated near the Swede group, between Poplar and Cascade creeks, and at a point about two miles from the railroad. The main ledge is 40 feet wide and carries considerable free gold as well as arsenical iron.

Mr. King, who is a veteran prospector, showed your representative a piece of ore from the big ledge which carries a considerable quantity of free gold. He feels certain that the deal for the property will go through in two weeks, and says it is for cash on the delivery of the claims. A prominent Poplar real estate agent is putting the deal through.

The provincial government will within a short time build a bridge across the Lardeau river from the foot of Second avenue. The survey and plans for the structure have already been made. At first it will be a foot bridge, but the piers are to be so arranged that the structure can at any time be turned into a wagon bridge. At present the river is crossed in the vicinity of the city in a small skiff or on a log jam which is located a mile up the river from Poplar. When the logs which make up the jam are slippery, and this is always the case during wet weather, there is continual danger of slipping from them into the swiftly flowing river. One prospector slipped in this way a few days since, and had he not caught hold of some boughs as he was being swept down the stream he would surely have been drowned. Some who desire to cross the stream in perfect safety go to the second crossing of the river where a fine railway bridge spans the waters, and where there is no danger whatever in crossing the stream.

The Miners' hotel, which is being erected by W. Hansen, is rapidly approaching completion.

Andrew G. Larson, M. E., formerly of the Columbia-Kootenay mines, Rossland, has been in the camp for several days. During that time he has visited all of the leading properties, and seems to have formed a favorable impression of what he has seen, when asked what he thought of the camp Mr. Larson stated that he was not yet ready to talk for publication.

The townsite company has just finished clearing the streets for four additional blocks. This will be all the streets that will be cleared until spring.

SEPTEMBER PAYROLL. Aggregates Well Over \$100,000—Distributed Last Week.

The September payroll at the Rossland mines aggregated well over \$100,000. The amount of \$86,000 was distributed among the miners and other employes, the balance going to office men and others about the mines who are not embraced in what is termed the ordinary wage-roll. The details of the wages paid to miners are as follows:

Table with columns: Mine Name, Amount. Includes Le Roi, War Eagle, Le Roi Two, White Bear, Rossland-Kootenay, Jumbo, Spitzee.

With this considerable amount of money placed in circulation monthly it would indeed be surprising if Rossland suffered materially.

As a matter of fact inquiry seems to demonstrate that business is in very good shape locally. A leading merchant remarked during the week: "We are doing a good, substantial, steady trade—not, of course, all the business we could handle and would like to transact, but this ideal condition of affairs is never attained under any circumstances whatever. In addition to our trade being steady we find that collections are excellent. There is every indication of a good fall, Christmas and winter business in Rossland."

Another business man said: "We too have found business good. We note also that the amount of credit trade is decreasing. People seem to prefer cash trade, and I have been impressed of late by the numerous instances of former credit customers who are now trading on a cash basis, and do considerable business without suggesting credit."

AN IRISH UNIVERSITY. Reported Arrangement Between Government and Hierarchy.

LONDON, Oct. 20.—The Daily News claims authority for the statement that while the government has not yet consented to the establishment of a Catholic university in Ireland, an arrangement has already been consummated with the approval of the Catholic hierarchy to form a national university with three constituent colleges, namely, Trinity college, Dublin; Queens college, Belfast, and University college, St. Stephen's Green, Dublin, each to be suitably endowed. It is intimated that this arrangement will insure the government the support of the Irish party during the coming session of parliament.

METAL MARKETS. LONDON, Oct. 20.—Lead 11 is 3d. NEW YORK, Oct. 20.—Bar silver, 61-8; Amalgamated Copper, 33 1-2; Canadian Pacific, 119.

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