

FREE MILLING ORE

Le Roi's Waste Dump Proved to Be a Bonanza.

A SURPRISING DISCOVERY

The Low Grade Silicious Ore, When Tested in the O. K. Mill, Left 75 Per Cent of Its Gold Values on the Plates.

As readers of THE MINER are well aware, arrangements were completed some time ago for a mill test of ten tons of low-grade Le Roi ore with a view to determining whether such ore was susceptible of concentration. This test was made Friday and it proved successful in every way. In the early part of the evening we learnt enough of what had been done to become satisfied of the success of the experiment, but as neither Captain Hall, the superintendent of the Le Roi mine, nor anyone else in authority would consent to an interview, we wired our Spokane correspondent to see Colonel Peyton, the managing director of the Le Roi company, and get a statement from him. His reply to our message came at a late hour and was as follows:

"Spokane, Wash., March 5.—Colonel Peyton says the mill test was most satisfactory and is a complete success in every way. The ore was taken from the waste dump and was supposed to contain a value of \$10 per ton. There was saved on the plates gold to the value of \$7.50 per ton. Colonel Peyton says this solves the problem regarding silicious ores."

How the Test Was Made.

Several weeks ago, on the occasion of his last visit to the camp, Manager Rust, of the Tacoma smelter, stated in an interview published in THE MINER that he had made a number of concentration tests of the low grade silicious ores of the Le Roi mine, and that he had become satisfied the ore would concentrate about seven tons into one. He also stated that he had informed Colonel Peyton and other members of the Le Roi directorate of his experiments and advised them to get the use of the O. K.'s 10-stamp mill for a day and run through a carload of their ore for a test. Shortly after this the directors of the Le Roi company made an arrangement with Joseph L. Warner, manager of the O. K. mine, for the use of the O. K. mill and shipped down to the mill about 11 tons of ore from their waste dump. This ore was supposed to average about \$10 per ton, but its exact assay value was not known at that time, though we presume it is known to the Le Roi management now.

Success of the Experiment.

The day before yesterday the O. K. mill was cleaned up and yesterday the above lot of Le Roi ore was run through. After it had all been crushed a sample was taken. The ore was then put through the stamp mill and specimens for assay and samples taken of the concentrates and tailings. When these samples have all been assayed the Le Roi management will know exactly what sort of a proposition they have to deal with, but from the fact, as stated by Col. Peyton, that gold to the value of \$7.50 per ton was saved on the plates, they already know that the ore is nearly as free milling as that of the O. K. itself.

This result surpasses all expectations. It was hoped on all hands that it would be found that the ore would concentrate and thus enable freight and smelting charges to be saved on six tons out of seven. That it would prove to be practically free milling, we think, hardly entered into anyone's calculations.

What It All Means.

The results hinging on this experiment with the low grade silicious ores of the Le Roi mine are fraught with importance to the camp. It solves the problem, as Col. Peyton says, as to the future of the great bulk of our low grade ore, for, as a rule, in this camp the large bodies of low grade ore are highly silicious and therefore subject to a heavy smelting charge if reduced by fire. The knowledge that these ores are to a large extent free milling, means that all ores running over \$4 or \$5 per ton will now be treated right at the mines, and possibly in time they shall be able to treat ores as low as \$2, as is now done at the Treadwell mine in Alaska, and the Black Hills in Dakota.

Rossland inside of two years will be the greatest gold mining camp on earth, and it will rank among the big copper producing camps of the world too.

AS IMMIGRATION AGENT.

A. F. JURY Selected For the Important Post of Liverpool.

Toronto, Ont., March 5.—A. F. Jury, merchant sailor, and well-known labor advocate, has been appointed Dominion immigration agent at Liverpool, England. This is one of the most important positions in the immigration service, and Jury is well qualified to fill it. The agent at Liverpool comes in contact with a large proportion of the immigrants to America. Part of his duty is to deliver lectures on the resources of the Dominion, attend to the distribution of literature and to the selection of immigrants.

Jury has been a resident of Canada for 20 years, and has travelled extensively throughout the Dominion. His acquaintance with the business, agricultural and labor population is most intimate. Frequently, as a member of the Dominion Trades' congress, he has on its behalf watched over the interests of labor at Ottawa while parliament was in session. He has served on the royal Ontario prison committee, which considered the effect of immigration upon crime. He unsuccessfully contested East Toronto for the commons in 1887 as labor liberal candidate.

Mr. Jury this afternoon stated that he had received notice of his appointment and would report at Ottawa on Monday for duty.

South African Gold Mines.

Colonies and India: Since his return to Africa Mr. Barnato has explained his mining policy. He declines to work properties for the benefit of the Netherlands railway, the dynamite monopoly,

and the extravagant labor charges, white and black, and has consequently closed those of his mines which are not yielding proper returns; while on the Primrose, Glencairn, Balmoral, Gineberg, Buffelsdorp, Spies Bona, Rietfontein and Kimberly, he has made drastic retrenchments have been made, and further cutting of expenses will follow, with the result of largely increased earnings.

Meanwhile Mr. Barnato is pressing the government to lower dynamite rates and railway charges. Mr. Barnato is adopting a bold policy, reducing exorbitant salaries and increasing Kaffir labor. He states that under fair conditions all his mines will pay handsomely. He will work till this is accomplished.

THE TRADE OF CANADA.

Business Failures Slightly Larger Than Last Year.

New York, March 5.—Bradstreet's will say tomorrow: Toronto reports a slight improvement in the wholesale trade and prices are firm. The feature of the business week at Montreal has been millinery operations and requests for renewals on a large proportion of commercial accounts due March 1. At Halifax bills maturing on the first inst. were fairly well met.

Bank clearings at Winnipeg, Hamilton, Toronto, Montreal and Halifax aggregate \$16,814,000 this week, compared with \$17,299,000 last week and with \$17,121,000 in the like week a year ago.

There are 51 business failures reported from Canada this week, against 50 last week and 38 in the week a year ago and 53 two years ago.

TALKING OF CANADA.

Matters of Interest to the Dominion Discussed by Parliament.

London, March 5.—The parliamentary secretary for the war office, W. St. J. Broderick, answering a question in the house of commons yesterday, said the proposal to create a regimental depot in Canada had been received and referred to the Dominion government. Her Majesty's government, he added, was fully alive to the desirability of encouraging such movements upon the part of the colonies.

The secretary of state for the colonies, Joseph Chamberlain, replying to a question on this subject today, stated that six colonial premiers had accepted the invitation to visit London this year, upon the occasion of the queen's diamond jubilee. The Canadian premier, Mr. Wilfrid Laurier, Mr. Chamberlain added, had requested that he be allowed to consult with his colleagues.

CANADA'S CHAMPION IDIOT.

Secretary of State Le Narrow-Minded and Ignorant.

Ottawa, March 4.—The Hon. F. W. Scott, secretary of state, said today that he would not be surprised if the government left the Crow's Nest Pass railway severely alone. "Why," he asked, "should we concern ourselves about a road for the Kootenay mining district? In all southern British Columbia the total population does not exceed 25,000, and of these only about 5,000 are Canadians? Why, then, should we spend money to provide American capitalists and American miners with a railway? There would be much more to be said in favor of the expenditure of money on a railway in the Kootenay river gold district in Ontario, where the mines are chiefly owned by Canadians."

BRICKLEY EXPELLED.

A Montana Legislator Who Admitted the Receipt of "Bribe."

Chicago, March 5.—A special to the Tribune from Helena, Mont., says: Representative Martin Brickley, of Jefferson county, was expelled yesterday from the legislature for corruption in office. Before a committee appointed to investigate the charges of Brickley having accepted money, Brickley testified in the most nonchalant manner possible, that at different times since the session began he had found sums of money ranging as high as \$200 in his room, and that he had used part of such sums for and against certain bills.

Some quartz brought in Thursday from the Norway on O. K. mountain shows a great improvement. It is fairly well mineralized, and carries seams of galena and a good average of copper. The shaft is down 40 feet and the cross-cut is in 20 feet.

The BRUCE GOLD MINING CO., Ltd. Ly.

Incorporated Under the Laws of British Columbia.

Capitalization 1,000,000 Shares.

Treasury Fund 300,000 Shares. Par Value \$1.00. Fully Paid and Non-Assessable.

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HEAD OFFICE, ROSSLAND, B. C.

\$800 worth of development work done and a splendid showing. Assays \$62.40, \$84 and \$186.66 a ton. Within one mile of smelter. Claim 43½ acres; title by crown grant. All treasury stock to be used for purposes of development only. By memorandum of association no work can be undertaken until the money therefor is in the hands of the treasurer. A contract has been let to run 50 feet of tunnel.

First Issue of Treasury, 50,000 Shares at 10 Cents.

FOR SHARES APPLY TO

Paterson, Johnson & Co., Brokers, Rossland.

PARIS BELLE CASE

Four Supreme Court Judges Are Now Hearing the Appeal.

TWO IMPORTANT POINTS

Court Indicates It Will Hold That Walls Are Not Needed to Prove a Mineral Claim and That the Zenith Was Legally Abandoned.

VICTORIA, March 5.—[Special.]—There was no session of the house today and there will be none till Monday, when the government will have its water-power bill ready.

The railway committee met today and organized with R. P. Rithet as chairman and Dr. Walkem as secretary. No further business was transacted.

The private bills committee was in session all day. They took up the Trail waterworks bill and Sir Charles Ross' two bills. No definite action was taken as to any of these measures. It appeared to be the purpose of the committee to obtain all the information possible on which to base its future action.

The companies act will not be considered by the special committee appointed for that purpose till some of the more pressing bills are out of the way.

Paris Belle Appeal.

Argument in the Paris Belle case was begun before Justices McCreight, Walkem, Drake and McCall this morning. Chief Justice Davis not sitting as he was trial judge when the case was heard the first time. The proceedings are being held in Justice McCreight's room, because he is too feeble to go to the courtroom upstairs.

Mr. Taylor, of Eberts & Taylor, opened the case for Paris Belle and continued all day. It may take him all day tomorrow to get through as he is making a very elaborate argument.

He will be followed by Mr. Duff, who represents Mr. Bodwell, counsel for the railway company, now absent at Ottawa on business connected with the Behring Sea commission.

The Questions at Issue.

During Mr. Taylor's argument today two facts were pretty clearly developed in the remarks made by the members of the court. One is that walls are not necessary to establish the existence of mineral or of a mine. Another is that the abandonment of a claim does not necessarily imply that formal notice must be given but that it may consist of a determination of mind, evidence of which may be afforded by words dropped in ordinary conversation. I should infer, therefore, that the old Zenith claim, which preceded the Paris Belle, will be held to have been abandoned. On the other hand I am equally sure it will be held that there was mineral in place on the Paris Belle.

The proceedings of the court today were very interesting. It is evident that all the members of the court are deeply interested. All except McCall have taken voluminous notes, and after the Canadian fashion, they stop now and then to argue a point, not only with counsel, but among themselves. It strikes one that they are trying very hard to get at the root of the matter.

Rithet's Rock Crusher.

R. P. Rithet issued invitations to about 50 mining men and others to witness, at 11 o'clock today, a test of a new machine for crushing ore. The test was made at the Albion iron works. The machine was invented by R. B. Seabrook, of Victoria, and J. R. Brown, of Harrison hot springs. The crusher can handle 500 tons of ore per day and does the work with perfect ease. If it is found that Rossland ores can be successfully concentrated then a crusher like this will be of inestimable value to the camp.

Rossland's Public Schools.

The fourth public school was opened in Rossland on Monday. Already the attendance at all the buildings has so greatly increased that the accommodations are just about as short as they were before the fourth teacher was appointed. Provision for a graded school in Rossland should certainly be made at this session of the legislature.

What Will Make Rossland a Great City

1. HER MINES.

The production of Rossland's mines more than doubled in 1896. At the present rate of increase the production will be more than quadrupled in 1897. With the introduction of cheap processes of treatment now assured Rossland will be able to produce at the end of the present year 1,200 tons of ore per day. The following mines are now shipping: Le Roi, War Eagle, Josie, Cliff, O. K., L. X. L., Jumbo, Mayflower, Kootenay, Nickel Plate, Red Mountain and Iron Mask.

In April the following mines will ship: Colonna, Monte Cristo, Sunset, Commander, Deer Park, Crown Point, Iron Colt, Homestake, and the giant of them all, a mine that is capable of making an output that would eclipse them all, the Centre Star.

2. HER PAY ROLL.

Fourteen hundred miners under ground. Fourteen hundred artisans and laborers are earning on an average \$3.00 per day. A certain pay roll of \$3,000,000 per year.

3. HER RAILROADS.

Here today, the Columbia & Red Mountain connecting with Spokane Falls and Northern which connects at Spokane, Wash. with four transcontinental systems.

Columbia & Western railroad connecting at Trail with boats for all points on the Columbia river and with the Canadian Pacific at Revelstoke.

In June the Canadian Pacific railway will land freight in Rossland.

In course of construction are an opera house and hundreds of houses. Statistics show that in December three houses were erected daily.

Pure water and good light.

NO COMPETITOR IN SIGHT.

Montreal Townsite Syndicate

Offers a limited number of lots in the original townsite of Rossland for sale. Title absolutely perfect and guaranteed. For sale by all real estate agents in Rossland.

JOHN F. McCRAE, Agent for Syndicate.

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Capitalization 1,000,000 Shares.

Par Value \$1.00 Each. Fully Paid and Non-Assessable.

Treasury Stock 300,000 Shares

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BANKERS: Bank of British North America.

Mines

Retaliation and the Golden West

On Deer Park Mountain and the North Fork of Salmon.

Why buy Montezuma Stock? Because: The Retaliation is bound to prove a mine. The stock is now at a very low figure. The money you pay for stock is spent on the mine. It is the best buy on the market.

Treasury Stock for Sale at Four and a Half Cents a Share.

George E. Toms, Secretary,

Head Office, Stussi Blk., Rossland, B. C.

Remittances may be made to the Manager of Bank of British North America, here.

The grandest view of Rossland and its most leading mines can be seen from the

St. Charles Hotel

Rates 50c, 75c, \$1 per day. Fine spring beds, 25c. Meals 25c. German cooking. The hotel is protected from all city fires by a granite bluff and is centrally located on COLUMBIA AVE., Opposite Electric Light Office.

L. C. Crawford, Mining and Real Estate Broker.

I make a specialty of handling properties in Waterloo Camp. I have a number of choice groups and claims for sale on a stocking or bonding basis and on terms to suit any bona fide purchasers.

Branch Office: WATERLOO, B. C. Office: TRAIL, B. C.

THE GREAT

No. 1 Shaft Shows of \$18

IT IS ONLY DO

Present Contract 70-Foot Level Plant Will be Installed on the Mine

"The Great West coming mines in the Moyahban w a s day, as he came down with some specimens out of the bottom of Mr. Moyahban's tent and immediately sinking shaft No. 1. It is the intention 200 feet and drit le expiration of the p company will not and a compressor.

There are two l Western property, northwest corner of Nickel Plate vein is strippings on each 70 feet long. The vein of ore from top feet to 3½ feet in this ore is collect average \$12 in gold. The most eastern main vein and is ca is sunk on the han good ore in the bot feet of 5½ feet in v about \$18 in gold.

West from this No. 2, which is su and is 35 feet de same character of o not as rich, running This shaft also disc ore for its entire de Still further west 3. This is sunk ore that comes to the 20 feet wide. Fur shafts, one down 44 feet, both in soli and the other on The ore in both the well.

GOLD COIN TO

Valuable Bounda by a B

At a meeting of the company held Th directors were pr bell, president; J. Toronto; Thomas J. J. Moyahban, Harry Sheehan, The Gold Coin is Grand Forks on the directors listened and mining engi favorable that the begin development is off the ledge an to begin with.

The La Belle

La Belle Mining pany held its fir since its incorpora han was elected p E. S. Topping, a Forster of the B America, treasure fractional claim o bounded by the C Colt and Caledoni tion 61 feet. The main ledge at 50 (more. Work will middle of the mon

Palo Alto's

The new machi for the Palo Al creek just below no mining work for seven or eig stopped on accoun engine and pu days, and when company will sta foot level, where put in a steam d a good showing o vein.

Good Work

The tunnel on good progress, b a foot per day. large body of ore 40 feet of the p is down 30 feet shows 18 inch tunnel is now in

THAT FL

Contractor Jones

There was a p Thursday was erect a building ing Columbia a ably read The encumbers the no further prep In the same p ference to what structure is on on Lincoln stre H. E. Jones of Mink office s statement did i posed an insi which was acc building look are taking out long enough lengthen them are not on th and ground t them. The m these posts w you were her now doubling be only four f "As to the look so sim, there is nothi This scuttling You see the p feet square, i gize plenty of The building with a verand additional. It 24, and Mr. Jo