

## C.P.R. AND ROSSLAND

Whyte and Marpole Here To Talk With Mine Owners.

## SHAUGHNESSY IS COMING

Line To Rossland Now Under Consideration—Mr. Whyte Outlines the Company's Plans As to the Building of the Crow's Nest Road.

A distinguished party of C. P. R. officials consisting of Wm. Whyte, general western manager; R. Marpole, general superintendent, western division; L. A. Hamilton, general land agent; W. Cross, general master mechanic; L. R. Johnson, master mechanic western division; J. Combie, resident engineer and J. A. M. Aikens, general solicitor, arrived in Rossland Tuesday afternoon and remained an hour or two. They came down from Robson on the steamer Nakusp and were brought up from Trail over the Columbia & Western in Mr. Heinze's private car. Superintendent Gutelius and Mr. Fitzgerald, commercial manager of the smelter, accompanied the party. They returned to Trail in time to take the steamer Nakusp on her return to Robson and went on to Nelson Tuesday night.

It was the intention of General Manager Whyte and General Superintendent Marpole to remain in Rossland several days, but the former was so long detained on the east side of the mountains by washouts along the main line that he is much pressed for time and will be enabled to make only a hurried trip through West Kootenay. While he and Mr. Marpole were making a call at the MINER office the following telegram was received.

OTTAWA, June 29.—(Special.)—MINER, Rossland: Crow's Nest bill will pass tonight. Everything satisfactorily arranged. House closes tomorrow. Senator Turner here.

This telegram was read to Messrs. Whyte and Marpole and they were much gratified at the information as they were deeply interested in the outcome of the railroad complications which had arisen at Ottawa. Mr. Whyte later gave the MINER some interesting particulars as to the construction of the Crow's Nest line.

Work on Crow's Nest Line.

"We shall commence work immediately," said he, "now that the matter is finally settled. The company has made some preliminary arrangements, but has done no actual construction work. We did not know what might happen at the last moment and wanted to be sure of our ground. We have made some surveys for the line and have got out ties for 100 miles of road. Construction will be begun at the east end. Lethbridge and Macleod will be our bases of operations.

"We will have to get a new line up the Old Man's river as the first line is too near the bed of the stream. We expect to complete the first 100 miles west of Lethbridge this summer and fall. We will then be short of reaching the Crow's Nest pass by 80 miles. But we shall work at various points all along the line during the entire winter. We can do rock work in winter as well as any other time and as a matter of fact there will be no cessation of construction till the road is completed, which will be inside of 20 months. It is a great undertaking and means a great deal not only to East and West Kootenay but to the whole of Canada."

Conferred With Mine Owners.

While Messrs. Whyte and Marpole were here they met by appointment at the MINER office Col. Peyton and Mr. English, of the Le Roi mine, and Mr. Durant, of the Centre Star mine, and had conversations of some length with all of them. The subject under discussion was the transportation of ores. No definite conclusion was arrived at, but Mr. Whyte said he and Mr. Marpole hoped to return to Rossland in a short time with Vice-President Shaughnessy.

Through Line to Rossland.

While THE MINER is not able to announce that the C. P. R. will come into Rossland this year, arrangements looking to that end are unquestionably being made. It is not very clear that there was no agreement between the C. P. R. and Mr. Heinze. The latter was playing a lone hand at Ottawa, and now that the Pentiction road is laid over a new and interesting situation presents itself.

Mr. Heinze has a newly graded line from Trail to Robson. Since there is to be no Pentiction road the question arises what is Mr. Heinze to do with road to Rossland? If the C. P. R. comes into Rossland they will either build a line of their own from Robson or use the road already built by Mr. Heinze. Under the circumstances there can hardly be a doubt that they will make some sort of deal for the Heinze road though instead of widening the gauge of the Columbia & Western from Trail to Rossland, they would in all probability build a line of their own from the point where the Trail-Robson road crosses Murphy creek, as a much better grade could thus be secured and the line is already surveyed.

The visit of Messrs. Whyte and Marpole to Rossland just at this time will in all probability lead to important results, and these will be made known very soon.

## MINE OWNERS AT OTTAWA.

Gooderham, Blackstock, and Senator Turner All There Now.

Messrs. Gooderham and Blackstock, of the War Eagle, who were to have been in Rossland about this time, and who were reported on their way here a few days ago, have been detained by the unsettled condition of the railway situation at Ottawa. United States Senator George Turner, of the Le Roi mine, went to Ottawa from Washington several days ago to join Mr. Blackstock. Both are vitally concerned in the question of railway transportation as it affects West Kootenay, and will go to Montreal to confer with Vice-President Shaughnessy of the C. P. R. Senator Turner is making some inquiries on his own behalf and that of the United States government as to the intentions of the Dominion government with respect to an export duty on ores.

THE WEEKLY ROSSLAND MINER contains all the news of Kootenay. Two dollars per year to any part of the United States or Canada.

## AN EXCITING HORSE RACE.

Syphert Bros. Powder Beat Van Ness' Jessie P.—Grand Forks Notes.

GRAND FORKS, June 26.—(Special.)—

A 600 yards running race was run on Saturday afternoon between Syphert Bros.' horse Powder and Jessie P., belonging to Charles Van Ness. More money was at stake on this race than changed hands on any of the events of the Jubilee celebration and a great many visitors stayed in the city to witness it. The race was won by Powder.

The city council has under consideration the construction of a light and water system and the clerk has been instructed to correspond with construction companies with a view of letting a contract. Before the work can be done, however, a loan of \$20,000 will be negotiated and offers are now being received for the city bonds. City clerk H. S. Cayley has resigned and J. A. Aikman has been appointed in his place. Mr. Aikman is also city solicitor.

## BOUNDARY CREEK NEWS

Jubilee Day Was Celebrated at Midway and Greenwood.

Constable McMynn Reinstated by Superintendent of Police Hussey—Wagon Road from Greenwood to Long Lake.

BOUNDARY CREEK, June 28.—(Special.)—The Queen's Diamond Jubilee day was observed on Boundary creek with but little demonstrativeness. A number of those who, in season and out of season, proclaim their English origin, met at Midway to play the "good old English national game" of cricket, in which they graciously permitted a few who were simply Britishers, and therefore not of the elect, to join. The result of the match was an easy win for Midway, the respective scores being, Greenwood, first innings, 40; second innings, 86. Midway, first innings, 124; second innings (with eight wickets to fall) 57 runs. A social evening was afterwards spent, first at dinner, and then at a smoking concert. At the latter W. H. Norris, J.P., proprietor of the Midway Advance, proved himself a genial as well as a capable chairman.

At Greenwood the day, or rather the night, was celebrated in a manner more in keeping with the spirit of the occasion. A majority of the committee elected in public meeting to arrange for the commemoration of the Diamond Jubilee being absent at Midway, it remained for I. H. Hallett to do his utmost to make amends for the absence of all his fellow committee men. A long red, white and blue banner was placed on the summit of a high hill and here, too, at night a large bonfire was lighted and a salute was fired. It is significant as well as pleasing, that these loyal observances were most heartily participated in by Canadians and Americans, more of whom, than of Englishmen took part in them.

## Forester's Lodge Organized.

The new I. O. F. court, to which reference was made in THE MINER on 20th inst. was duly instituted by Deputy Supreme Chief Ranger J. H. Falconer last Monday night, the court starting with a charter roll of 37 members, with the promise of early additions to that number. The officers elected and installed were as follows: C. D. H. C. R. R. Smailes; P. C. R., J. Smith; C. R., Duncan Ross; V. R., J. H. Macfarlane; Chaplain, Rev. Leith; Physician, Dr. James; Treasurer, J. P. Flood; Financial Secretary, Mr. Guesse; Recording Secretary, Mr. Miller; Superintendent Juvenile Foresters, J. W. Nelson; E. W. C. Boschart; J. B. D. W. Hicks; Trustees, A. S. Black, W. B. Paton and J. Sutherland. At the conclusion of the business a supper was partaken of and afterwards several toasts were honored. A special service with appropriate hymns, an address by the chaplain was held last night in the Greenwood school house.

An election of school trustees in place of R. S. Galloway, R. Smailes and Robert Wood, retired, took place on Saturday 26. All the retiring trustees declined re-nomination. The new trustees are I. H. Hallett, G. R. Naden and M. J. Phelan.

## Provincial Appointments.

When Supt. Hussey was in the Boundary creek district recently in company with Mr. Justice McCall and Deputy Attorney General Smith, he arranged for the following changes to go into effect: Prov. Constable E. W. Deane to be transferred from Midway to Osoyoos; Prov. Constable F. Elkins from Greenwood to Fairview; L. Gardam, of near Enderby to be constable at Midway; and Special Prov. Constable J. R. Brown to give Greenwood and Anacoda his attention temporarily, pending the incorporation of Greenwood. When at Midway Mr. Hussey officially reinstated Police Constable W. C. McMynn of Kettle river division, at which Mr. McMynn's numerous friends are well pleased.

Road Inspector L. V. Cuppage is now at Greenwood in connection with starting work on the road to Long Lake. This is a much-needed work, to give access for wagons to an important mining camp. Construction work will be proceeded with at once, so no further delay will now occur.

## Provincial Politics.

Nelson Tribune: There will be a meeting of Opposition leaders in Vancouver before long with the object of arranging issues on which to make the next campaign in the province. There should not be too many issues. One issue is the doing away of special legislation. Special and private legislation not only consumes too great a part of the time that should be devoted to the consideration of public measures, but it leads to practices that tend to lessen confidence in the integrity of the members of the legislative assembly. Fads should be sluffed. There are men in the opposition endowed with horse sense, and they should be allowed to make the issues.

## Surprised His Doctor.

"A little over a year ago I was laid up with bronchitis," says Stanley C. Bright, clerk, of Kingston. "My doctor's bill came to \$25, and altogether my illness cost me \$125. This fall I had another attack and came across an advertisement in a newspaper for Dr. Chase's Syrup of Linseed and Turpentine for throat troubles. I thought I would risk a quarter and try it. It cured me. After this I intend to treat my own ills."

## Ingersoll = Sergeant Drill Dep't.

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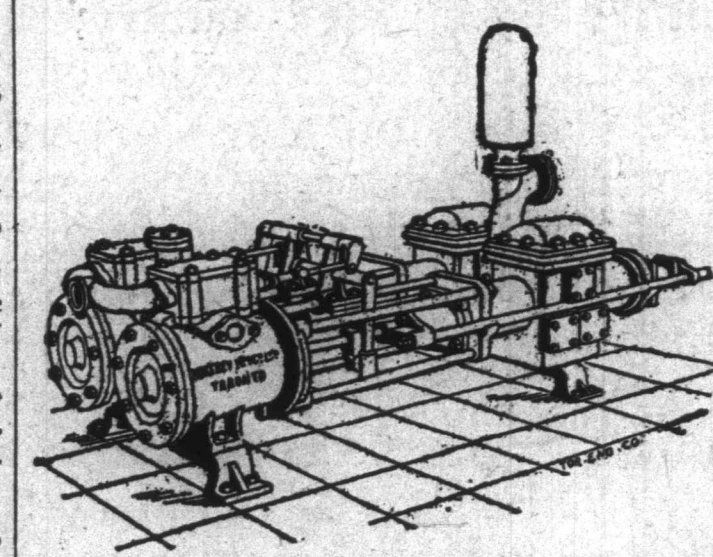
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## Nelson-Poorman Gold Mining Co.

LIMITED LIABILITY. INCORPORATED UNDER THE LAWS OF BRITISH COLUMBIA, MAY 25, 1897. "COMPANIES ACT, 1897."

Capital Stock \$250,000.

In One Million Shares of the Par Value of Twenty-Five Cents Each.

PROVISIONAL DIRECTORS: A. L. DAVENPORT, Nelson, Miner, President; J. FRED HUME, Esq., M. P. P., Nelson, Vice-President; ROBERT EWART, Nelson, Miner, Secretary-Treasurer; J. FRED RITCHIE, Rossland, Surveyor; HECTOR MCRAE, Rossland, Miner.

BANKERS: Bank of Montreal.

BROKERS: Weeks, Kennedy & Co., Rossland, B. C.

SOLICITOR: John Elliot, Nelson, B. C.

HEAD OFFICE, - - - NELSON, B. C.

... PROSPECTUS ...

This company has been organized for the purpose of acquiring the Poorman group of gold-bearing properties, consisting of the Poorman, White, Hardscrabble, Hardup, Election and Mymer, covering about 130 acres and situate in Nelson mining division of West Kootenay, B. C., and of vigorously prosecuting further development and enlarged workings of these valuable properties.

It is proposed to purchase said properties with mill, water rights and other plant, tools, etc. for the sum of Two Hundred Thousand Dollars (\$200,000), the vendors accepting 800,000 fully-paid shares of the company's stock or cash in payment.

The remaining 200,000 shares are to be set aside as working capital for development purposes.

TITLE.

The Poorman mineral claim was crown granted February 7, 1891. Preliminary steps have been taken for obtaining a crown grant for the Hardscrabble. Crown grants for the remaining claims will be obtained as quickly as possible.

EXPENSES AND COMMISSIONS.

The estimated amount required as preliminary expenses is placed at \$5,000, and a commission of 25 per cent. is allowed to the promoter of the company which the preliminary expenses and all other expenses in locating the company will be paid.

APPLICATIONS FOR SHARES.

Subscriptions are invited for an issue of one million shares of the company's stock of the par value of Twenty-five cents each. Applications are to be made to the company's brokers and no application for less than 500 shares will be received. Shares are to be fully paid on allotment to applicants. The provisional directors have each subscribed for 500 shares, excepting J. Fred Hume, who has subscribed for 1,000.

REPORT ON THE POORMAN.

The following are extracts from the very full report of Messrs. Bewick, Moring & Co., mining engineers of London, Eng.:

The property is situated on the northern flanks of Toad Mountain about two miles west of Nelson and with an altitude of 1,500 to 2,500 feet above sea level. It consists of five claims with an area of about 130 acres.

GEOLOGICAL FEATURES AND VEINS.

The rock occurring throughout the property is a hard mica-syenite, traversed in several directions by eruptive dykes. The rocks are mostly concealed by heavy accumulations of detrital matter so that the outcrop of veins make very little display on the surface.

There are three known quartz veins intersecting the property, but only two of them have been operated on to any extent. One of these occurs on the Poorman, and has been proved, partly by mining and partly by trenching for a length of about 1,000 feet; but the property on the line of the vein has a length of 4,500 feet. Where proved, the thickness of quartz varies from three inches to five and a half feet, and averages about two feet three inches.

The other vein alluded to is in the White. Where worked it has a thickness of about seven feet, including country rock. Along the hanging wall there is a rib of quartz varying from six inches to eighteen inches in thickness, and on the foot wall is a similar rib ranging from six to twenty-four inches. The intervening area is composed mainly of country rock traversed by stringers of quartz, which are some times so numerous and valuable that the vein is worked from wall to wall.

CHARACTER OF ORE.

The ore in all the veins has the same general character, and consists of milky quartz, mostly traversed by threads, stringers and bunches of auriferous pyrite with a little galena and chalcopryite, but in some places the quartz is perfectly white and free from pyrite. Occasionally, when jointing this white quartz carries a considerable amount of visible gold. The more important source of this metal, however, is the pyrite and other sulphides existing in the ore, which, when taken alone, run very high in gold. The gold is mostly "free." Only about 1 1/2 per cent of concentrates are produced in milling. These have an average value of about \$24.00 per ton, or 30 cents per ton of ore milled. With the present machinery there is a loss of nearly \$4.00 per ton in the tailings. Much of this doubtless could be saved economically with additional plant.

Assays of average samples taken by us give the value of the ore in the Poorman mine at 34 ozs. per ton of gold and .65 ozs. per ton of silver. In the White, .93 ozs. of gold and .5 ozs of silver.

## WORK DONE ON THE VEINS.

Most of the ground in the Poorman above the top level, affording about fifty feet of "backs," has been stopped away, but below that level very little stopping has been done, the late owners, being men of little capital, having been unable to set aside a sufficient amount from the profits of stopping to enable them to keep their development work sufficiently advanced, so that they ultimately arrived at a stage in which the available stopes were nearly exhausted and nothing but

development work could be done for some time. That appears to be the reason for parting with their property. At any rate it is a perfectly good reason for men in their position.

Before an adequate output of ore can be obtained, it is necessary to continue a tunnel which has been commenced about 180 feet vertically below the upper tunnel. To the date of our inspection it has been driven about twenty fathoms, but it needs to drive right and left along the vein to open up stoping ground, so that on the Poorman an expenditure, underground, of about \$4,000 is required before a profitable output can be obtained. To work the vein by means of the shaft commenced in the mine is quite out of the question in view of the possibility of reaching a lower level by means of the tunnel alluded to; but, because the cost of opening up ground by sinking would be much greater, and secondly, the working costs would be increased by hoisting and pumping. At the White the only work done is a short drift put into the hillside at an altitude of about 460 feet above the lower Poorman tunnel, and 270 tons of ore have been extracted. Of this quantity 50 tons were put through the mill, the remainder was on the ground at the mouth of the drift at the time of our visit. Here a deeper tunnel should be driven, the cost of which would be about \$3,000.

MILL.

There is a 10-stamp mill in good order, but poorly housed. It stands about 240 feet vertically below the lower Poorman level. It contains: One Blake crusher, 11x9 inches; ten 850 pound stamps; two "Challenge" feeders; three vanners. This machinery is actuated by a four-foot Pelton wheel, driven by water, having about 230 feet head.

The capacity of this mill should be doubled. To do this it will be necessary to make some addition to the water supply. This can be done quite easily. It will be necessary to introduce an improved tailings plant, so as to save some of the gold which now goes down the stream.

OTHER MACHINERY AND PLANT.

In addition to the mill there is on the ground: One air compressor and receiver for driving three drills, and about 2,500 feet of two-inch pipe leading up to the mine. This machinery is driven by the Pelton wheel. One rock drill, one hoist, 4x6 inches, with 6 inch drum, geared 5 to 1; one vertical boiler, 36 feet diameter; one Knowles sinking pump, 10x14 inch steam and 6 inch ram, with 4-inch suction and 3 inch delivery. Both hoist and pump are arranged to work either by steam or compressed air.

Also a considerable length of rails and pipes of various sizes, from one-half to one and a half inches, and all necessary cars and tools to work the mine on the small scale it has hitherto been worked. The mine is equipped with a sufficiency of wooden buildings.

FUTURE WORKING.

Besides completing the lower tunnel at Poorman, a deeper tunnel should be made at White. These works, with the necessary drifting along the lodes, which will take about six months, will render it possible to obtain an output of fifty tons per day or 15,000 tons per year.

The development work suggested would (provided no unforeseen occurrence interferes with the yield of the vein), with this rate of extraction, serve for between three and four years' output at least. The lower tunnel at Poorman is about 280 feet vertically above the mill, and the White tunnel about 710 feet above it, so that there are abundant "backs" for years to come that can be reached in the most advantageous manner.

ESTIMATED COST OF WORKING.

When the suggested new works are completed, we estimate that the cost of working will not exceed the following, and probably will be less: Mining, \$4.00; Milling, \$1.00; Superintendence, \$ .65; Sundries, \$ .35; Total \$5.00 per ton.

Taking the net value of the ore at only \$14.00 per ton, to allow for deterioration, there will be a profit of \$8.00 per ton, or \$120,000 a year on an output of 15,000 tons.

COST OF NEW WORKS, ETC.

The cost of the extensions to the mill, and other works needed to enable the before mentioned output to be obtained, is estimated at \$25,000, as detailed as follows: Mine development, \$7,000; Ten stamps and accessories, with new building, \$10,000; Flume from Sandy creek, \$3,500; Sundry works and payments, \$1,500; Total, \$22,000.

VALUE OF MINE.

From a consideration of the foregoing figures and of the circumstances surrounding the mine, we are led to the conclusion that the value of the property may be safely taken at \$250,000. In fixing upon this value we make ample allowance for all the risks attendant upon this class of mining.

(Signed) BEWICK, MORING & CO.

For further information or shares apply to ROBERT EWART, Sec'y-Treas. of Nelson Poorman Gold Mining Co., Nelson, B. C.