

The Pure Gold Mining Co., Limited.

Capital Stock :
1,000,000.

1,000,000 Shares, Par Value \$1.00
Fully Paid and Non-Assessable.

Treasury Stock:
400,000 Shares.

Head Office, Rossland, B. C.

Mines, Christina Lake, Trail Creek District.

OFFICERS AND TRUSTEES.

W. C. ARCHER,
President.

J. M. O'TOOLE,
Vice-President.

D. D. BIRKS,
Treasurer.

ALBERT P. HUNTER,
Secretary and Manager.

A. H. MCKAY,
Trustee.

The property of the company consists of three adjoining full claims, known as "Pure Gold Group," and named the "Pure Gold," "Libby," and "Escort" mineral claims, all prior locations, with perfect titles, vested in the company. There is a well-defined ledge 30 feet wide, traceable through the claims for a distance of 2,000 feet. Six men are now at work on the Trilby and good assays have been obtained. Twelve feet from the mouth of the tunnel an assay of over \$20 was obtained. Work will be carried on without cessation, and good results are confidently anticipated.

Fifty Thousand Shares of Development Stock are now on the market at 5 cents.

Prospectus and full information will be furnished on application to

ALBERT P. HUNTER, Sec. and Man., Rossland, B. C.

THE LONDON MAIL ON ROSSLAND.

ROSSLAND, B. C.

"Gold or dross: Rossland or dross land?" said a clerical wit to me at Revelstoke, where we changed cars for the Kootenay country.

Even he had been attracted thither; what a cure of souls was there; what unparalleled opportunities for evangelization—and a parish!

The human tide never flags—lay and cleric—rich and poor, worker and idler, Jew and Gentile, European, Asiatic and American—it does not wait for train or boat to carry it, but comes pouring irresistibly into the magic town, which, rumor says, is built on a bed of gold.

Rossland sprang up like a mushroom, in a single night; and its population, now comprising some 8,000 souls (and a number of Chinamen) is larger by several dozens every sunset than at dawn. There may be poverty in Rossland, and that, too, of the grim, ugly, mining-camp sort; there may be more empty stomachs than coined dollars and quarters; there may be shivering forms and much human misery; but—there is gold! The seedy-looking man who comes in with twelve ounces of ore from his new claim on Trail Creek may not have had any breakfast; but it is not improbable that he will have a dinner that would make a Roman glutton ashamed of his slim and slender orgies. Tomorrow that man will have sold his mine for \$5,000 to a speculator, and the next day the speculator will be floating a company with \$100,000 capital! It is stupendous—this recklessness with which big figures are handled.

Millions pass as easily through the lips of these seedy-looking men in Rossland as units. The town is full of sharks and speculators, there is much lying and cozening, and hundreds of thousands of pounds are invested, which may prove to be as good as thrown into the sea. But after all, this fact remains, Rossland is the metropolis of a nearly inexhaustible gold-bearing country, and Rossland today is the greatest gold-copper mining camp on the face of the earth!

The first mines located on Red mountain, the Le Roi, Centre Star and War Eagle, are today worth \$10,000,000. Many other mines are actually shipping ore and bullion. But it was the successful working of the Le Roi that first brought Kootenay into notice and called Rossland into existence. And when this company began paying dividends, a rush of prospectors, miners and speculators set in. Yankee capital was attracted, and money began to be spent in the development of prospects and the creation of a city.

Rossland, when you take everything into consideration, is not a bad sort of place—architecturally speaking—for a town two years old. Its main street, Columbia avenue, has recently been graded up, and is now equal to the heavy traffic it has to support daily. Two and three storied frame-houses are going up on all sides, and the other day the corner-stone of the first brick structure in Rossland was laid with imposing ceremonies by Lieutenant-Governor Dewdney. Rossland boasts of thirty hotels, dozens of stores, two char-

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ROSSLAND, B. C.

tered banks, several churches, electric light, waterworks and two daily and three weekly papers.

Mining is no longer the mining of the past. The new scientific methods of extracting gold from low-grade ore are at the bottom of Rossland's success. "It is not a high-grade camp," said an expert to me today. "I doubt if the ore of Rossland district, taking it altogether, will produce more than \$8 or \$10 a ton. But we have more of it than anywhere else; and new machinery enables us to extract it at a profit. Last year the Le Roi mine alone shipped out of Rossland a quarter of a million in bullion. This year it is estimated it will ship three-quarters of a million. What we want is more smelters and machinery, and all ore will be profitable. It would take 50,000 men a complete century to exhaust the gold ore in this province. It is practically inexhaustible; but it is no use trying to mine it in the old way."

Nuggets and "free-gold" will soon be as extinct as the buffalo. Therefore, you can see that it is to the engineers rather than to the gold-hunters that credit should be given for this immense production of the precious metal in new fields.

THE DINGLEY BILL AND ORE.

The Toronto World says:

"Should the government at Ottawa decide to impose an export duty on lead ores the move would be hailed by a great number of British Columbians.

"The tariff bill now being put through by the United States congress makes the duty on lead in ore 1 cent; lead in bullion, etc., 2 cents; in sheets, pipe, etc., 2½ cents. And, as will be readily seen, the purpose of this impost is to encourage the importation of Canadian and other outside lead in the ore, and to discourage the treatment of such ores in Canada. It has been proven beyond any question that these lead ores are necessary to the successful operation of the American smelters, and that fully one-third of their capacity would be closed down if it were not for Canadian and Mexican ores.

"In other words the American smelting men and

legislators wish Canadian ores to be accorded favorable consideration, so that they may not be treated by Canadian plants.

"An eminent United States mining authority says on this point: 'It must be taken as a primary proposition that the lead can not be kept out of the United States. It must come in, and will come in; if not in one way, in another. Therefore, we hold that it should come in in raw material, and form the basis for American smelting and refining, and serve the best purpose to the largest number of American miners of refractory ores.'

"By imposing an export duty on lead in the ore, the government would discourage its shipment to the United States and help to establish smelters on this side of the line."

An export duty on lead ore would be simple insanity. Granted that protection is a justifiable tax in order to stimulate an infant industry, the infant industry of mining cannot afford to pay taxes to encourage smelting. An export duty on ore would stimulate smelting on this side. But where ore can be smelted as economically on this side as on the other the difference in transportation charges forms a sufficient premium. Where ore can be smelted more cheaply on this side it will be smelted. Consequently, it is only where the mine-owner would lose that an export duty would in any way benefit smelting. If it were only a question of losing so much per ton on the ore mined, it might be said that the Canadian mine-owner could stand it to encourage Canadian smelting. But freight and treatment are ominous words to the mine-owner. A very small difference in the cost of treatment per ton may mean, and does mean, an enormous difference in the number of tons reduced below the profit minimum of value. In this way mining differs from ordinary manufacturing.

Results Talk.

The management of the Canadian Gold Fields Syndicate, Limited, now have over 150 feet of underground development to their credit in the rich Sunset No. 2. From the beginning there has been no "let up" in the exploration and development of this fine property. The work is to be pushed more vigorously, if possible, until the Sunset is a regular producer of pay ore in quantity. With pay or in quantity comes increased share values and dividends. As an investment, therefore, the fully-paid, absolutely non-assessable shares of The Canadian Gold Fields Syndicate, Limited, at 10 cents per share, appeal most forcibly to every intelligent investor.

Order shares, prospectus and general information from

THE WALTERS COMPANY, Ltd. Ltd., Rossland, B. C.

H. O'HARA & CO., 24 Toronto Street, Toronto, Ontario.

SAWYER, MURPHY & CO., 106 St. Francis Xavier Street, Montreal, Que.

Or through any reliable Bank or Broker.

HON. MR. MARTIN'S PLEDGE.

TO THE EDITOR—At the meeting at Kamloops to which reference was made yesterday in the house by Mr. Semlin, Mr. Martin pledged himself to resign his portfolio should any measure for a money bonus or guarantee in aid of the British Pacific scheme be brought down by the government, reserving to himself the right to acquiesce in any further land grant. We made a memorandum in writing of the terms of Mr. Martin's pledge on the same day. Mr. Martin had evidently no written memorandum to refresh his memory, and his statement last night that he was only pledged against supporting a grant of annual interest to the amount of \$240,000 is not correct. There were other gentlemen present, personal friends of Mr. Martin, and politically opposed to ourselves, whose recollection of what Mr. Martin did pledge himself to is likely to be less biased than his.

C. A. SEMLIN,
C. B. SWORD.

Victoria, April 15.

TREATING SLIMES ON THE WITWATERSRAND.

Several of the Witwatersrand companies are making arrangements to treat the slimes which have heretofore been rejected, as well as the tailings. At the Crown Reef mine, says the Johannesburg Star in a recently received issue, the additional iron tanks at slime works are complete. These tanks have concrete bottoms with a fall toward the center, and as the concrete work is just finished, it wants a few days to dry and harden thoroughly. The two additions bring the number of treatment tanks up to eight, each 31 x 10 feet, and this plant will allow of sufficient time being given to each charge to obtain thorough dissolving of the gold contents.

At the present time a profit of \$3,840 monthly is being made from slime on a 64 per cent extraction, and the extraction is expected to be brought up to 75 per cent with the additional time which can now be given to each charge. A higher extraction means of course, increased profit. For November and December the assay value of the slimes filled into the tanks was 0.24 ozs., and the cost of the treatment was 97c. per ton, and the royalty 7.5c., bringing the total cost

to \$1.04½. This cost, worked out on the tonnage milled, is equal to 18c. per ton, while the gold recovered on the same basis is equal to 44c., so that the larger proportion recovered was profit. Arrangements have been in hand for some time at this mine for the addition of a sorting table at the head gear. It is expected that about 15 per cent of waste will be rejected with a substantial increase in grade and recovery.

Telluride of Bismuth in New South Wales.

The Geological Survey of New South Wales says that at Tarana this mineral was first noticed by Mr. E. C. Whittel, field assistant, at Mitchell & Party's claim, near Slippery creek. It occurs along with free gold in small grains and flakes in the quartz, and is associated with greenish and yellow alteration products. The telluride is most probably auriferous. A similar mineral has recently been found, also associated with free gold, in a white quartz from Kentucky Run, near Uralla. Telluride of bismuth has been previously recorded from Captain's Flat, Molonglo, and from Moor creek, Tamworth.

B. H. Lee, Notary Public.

A. B. Anderson.

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TELLURIDE GOLD ORES.

A correspondent in the Engineering and Mining Journal gives the following test for tellurides:

"In case tellurium is suspected in an unoxidized form as a telluride, a very simple test, and one which has been known for many years, is to place a minute fragment of the mineral in a white porcelain dish and add a drop of concentrated sulphuric acid; heat the acid gently over the flame of a spirit lamp, and if tellurium be associated with other minerals commonly found with gold-bearing ores, this test is of little value, as these minerals interfere with or conceal the reaction."

NOTICE.

Ninety days after date I intend to apply to the Chief Commissioner of Lands and Works for permission to purchase 320 acres of land on Sheep Creek, commencing at a post marked "B. Anderson's N. E. Corner Post," close to B. H. Lee's S. E. Corner Post, running thence South eighty chains, thence West forty chains, thence North eighty chains, thence East forty chains to point of commencement.
Said land is situate in the Osoyoos District of British Columbia.
Dated this 10th day of April, A.D. 1897.
A. B. ANDERSON.

THE CORRECT PRINCIPLE IN MINING...

IS EMBODIED IN THE ...

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ADEQUATE TREASURY

TWO FULL CLAIMS

The RETALIATION, in the Rossland Camp, one-claim distant from the famous Deer Park, and possessing the same ledge.

The MAGNET, near the Reco, Slocan Star, etc. Has a true fissure vein. Ore carries very high values in silver and lead.

Work on both claims will be continued without cessation. The Directors have placed 50,000 shares of Treasury Stock on the market at the low price of 7 1-2 cts.

FULL INFORMATION FURNISHED BY ANY OF THE COMPANY'S AGENTS, OR

GEO. E. TOMS, SEC-TREAS.

P. O. BOX 138

ROSSLAND, B. C.

WATER SUPPLY AND THE DEATH RATE.

There is food for reflection for officials in towns where a high death-rate from typhoid fever has led to a demand for a purer water supply in some figures which the Jersey City, N. J., Evening Journal has obtained, showing the reduction in the death-rate from typhoid fever that has accompanied the substitution, as the city supply of pure water from the highlands of New Jersey for the polluted water of the Passaic river. In January, 1896, the city's water supply was a mixture composed of 28 per cent. pure water and 72 per cent. Passaic river water, and the deaths from typhoid fever numbered 28. In February the percentage of pure water was 40 per cent. and the number of deaths 30, showing that the percentage of pure water in January had been too small to have any effect. In March, April and May the percentage of pure water was increased respectively to 43, 58 and 50 per cent., and the number of deaths fell to 16, 9 and 6. In the five months from June to October, inclusive, the percentage of pure water averaged about 80 per cent. and the number of deaths 4 per month. It is estimated on the basis of these figures that the introduction of a pure water supply has saved 75 deaths from typhoid fever in Jersey City in the last eight months, and, in considering this statement, it is to be remembered that similar experiences have followed the substitution of highland or filtered water supplies for polluted ones in at least a dozen or more cities in Europe and the United States.

WANTED.

THE MINING REVIEW would like to get the song complete from which the following is a stanza:

I started in my mining life
By chopping board wood,
But I was born with axe in hand,
So I could use it good.
My chum was from the State of Maine,
Somewhere near Tennessee;
But, ah, I was from Canada,
And he could not chop with me.

Chorus.
But, ah, I was from Canada, etc.

E. S. COX,

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Buying and selling orders on all British Columbia Mining Stocks.

Write for close quotations on War Eagle Consolidated, Two Friends, Orphan Boy and Victory-Triumph.

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Latest information from the mines. Write for quotations on mining stocks.

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NEW 1897 MINING MAPS Showing Mineral Claims

Map of Mines in vicinity of Rossland and Trail—best map of Trail Creek Camp ever published..... \$1 00
Map of Kettle River, Boundary Creek, and portion of Colville Reservation, from Christina Lake west to Rock Cr 2 00
Map of Trail Creek Mining Division, from Columbia river west to Christina Lake 1 50
Map of North Fork of Salmon River and Wild Horse Creek New map of the Slocan Division, giving more information than any map ever published..... 2 00
Map of Deer Park, lower Arrow Lake 1 50
Map of Murphy and Sullivan Creeks..... 1 00
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ROSSLAND, B. C.

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Our work speaks for itself.

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... IN THE STOCK OF THE ...

ROSSLAND - SLOCAN MINES

DEVELOPMENT COMPANY, LTD. L.Y.

WILL BRING

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 Ex-Minister of the Interior
 First Vice-President—R. Scott
 Ex-Mayor of Galt, Ontario
 Mayor of Rossland.
 Second Vice-President—Jos. B. Dabney
 Treasurer—Geo. E. Tomis
 Secretary—R. C. Macdonald
 Mining Engineer—J. L. Parker

Its Directors are men of known experience, ability and integrity. Its operations will not be confined to one section of British Columbia, but wherever promising prospects are to be exploited its representatives will work. There are many undeveloped mines in this province awaiting development. The object of the Rossland - Slocan Mines Development Company is to acquire and develop potential mines. Working bonds have been secured on a number of properties and development work will be vigorously prosecuted on such as are favorably reported on by the company's engineer.

FOR PARTICULARS AND PROSPECTUS ADDRESS

R. C. MACDONALD, SECRETARY.

P. O. BOX 696.

ROSSLAND, B. C.

A NEW CANADIAN PRODUCER.

A correspondent of the Toronto World from Marmora writes as follows:

"There seems now to be no doubt that mispickel ores of Hastings county readily yield to treatment by the Sulman bromo-cyanogen process. This at least is the conclusion I have come to after inquiring into the operations going on at the Deloro gold mines. Six months ago, when I visited this property, the Canadian Gold Fields Company, Limited, of London, England, the owners, were engaged in erecting their mills, installing their plant and otherwise, at a total expenditure of some half million dollars, preparing for active development work. But now—mark the difference—they are regularly turning out gold bricks. But what appears to place the question of the success of the Deloro enterprise beyond peradventure is the fact that the syndicate are just now adding big blocks of mineralized land to their already extensive holdings of property. Were they not absolutely assured of the success of their project they would not be taking such steps. Only the other day they paid \$1,500 for a mispickel proposition held by Tom Farrell, and it is believed that they will, before the week is out, take up options they hold on a number of other properties in the neighborhood.

"It is exceedingly difficult to obtain official information concerning the doings at the Deloro mines and mills. Messrs. A. J. G. Swinney and Pickard, the manager and chemical expert respectively of the syndicate, maintain the proverbial English mining man's reticence regarding their company's affairs, and refuse to admit outsiders to their shafts and mills, but it is learned that three mill runs have been made, which have saved on an average 89 per cent. of the gold in the ore, which varies in value from \$16 to \$60 a ton."

BRITISH COLUMBIA MINES IN ENGLAND.

Apropos of his trip to London Mr. T. G. Blackstock is reported as saying:

"The British Columbia mining boom has done much to advertise Canada in Europe. English members of Parliament, leading financiers and business people of the highest standing are already much in-

terested. A large number of prominent English mining men came to see us and the feeling is strong that British Columbia is the next mining district to which the attention of British investors will be directed, but at the present time people are very careful after the big losses sustained by many in the gold fields of South Africa and West Australia. Then the danger of war, either in the Transvaal or in the East, although not imminent, is still sufficient to affect all kinds of speculation.

"New companies for the development of British Columbia mines are being started in London nearly every week, but it seems that the public are not subscribing largely to the stock, and the underwriters have to carry most of it. Of course there are some exceptions, in which it is surprising that the public have come in so far as they have.

"There is no doubt that a great amount of capital has been supplied by the old country for the development of British Columbia mines and this summer will see a great deal more money come out here for that purpose. So far, British Columbia mines are hardly sufficiently developed to attract capital."

Speaking in regard to the rumors of the sale of the Le Roi mine, Mr. Blackstock said that an Englishman does not carry a million pounds around in his pocket to buy a gold mine with. The only way the mine could be sold was to form it into an English joint stock company and sell the shares.

People will buy a large well-developed mine and pay the value of the ore in sight sooner than go into a less sure speculation.

HISTORY REPEATS ITSELF.

"The real onward march of the nation began in the fifties. The cause was the infusion of California gold into the arteries of the country's business. Three hundred thousand men were suddenly transferred to the western coast of the republic. Then from the east and west the wilderness was encroached upon, with every year the space between the two civilizations grew less and less, with constantly accelerated speed the conquest of the wilderness went on; the stream of treasure from the west gained annually in volume; this made possible the full employment of

the great forces called into service by invention; the clamors of the progress drew thousands and tens of thousands of immigrants from the old world; even the great war could not restrain the onward sweep, until finally these two civilizations met in mid-continent; the land was linked with steel from sea to sea, and the roar of the joyous toiling millions rose like a mighty diapason on the ears of the world."

British Columbia will do the same for Canada, and the Canadian Pacific Railway will do for British Columbia what the Southern Pacific has done for California—if it is allowed.

Cut this Out.

There are 12 ounces troy in a pound troy, and 16 ounces avoirdupois in a pound avoirdupois. But in a pound (avoirdupois) by which the mining world is ruled, and on which the smelter makes its settlements and the assayer arrives at his conclusions, there are 14.583 ounces troy, which allows 29,166 ounces to the ton.

APPLICATION FOR LIQUOR LICENSE.

NOTICE is hereby given that at the expiration of thirty days from date hereof the undersigned intends applying to the stipendiary magistrate for West Kootenay District for a license to sell liquor by retail, on the premises known as Barney's ranch, at Barney, situated at the intersection of the Dewdney trail and the Northport wagon road, five miles from the town of Rossland, B. C.
 Dated this 20th day of March, 1897. B. O'BRIEN

THE ANGLO-CANADIAN MINING EXCHANGE, LD.

(Incorporated by Dominion Charter.)
 Head Office: McKinnon building, Toronto, Canada.
 Rossland office: Columbia avenue, near Grand Union Hotel.
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PRICES FOR ASSAYING:		
Copper only \$2 00	Lead, wet assay \$2 50	Antimony \$5
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Ten or more samples from same party in any one month, 30 per cent off list prices. Five or more brought in at one time same discount. Special attention given to samples by mail.
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The Investing Public

Is requested to consider the following facts about the

VICTORY=TRIUMPH Gold Mining Company

The Victory may now rank as a developed mine.
The tunnel is now in 183 feet on ORE ALL THE WAY.

The ore is low grade, but when concentrated will yield large profits on treatment.

From a point 90 feet in to the face of the tunnel there is a continuous body of paying ore. A considerable percentage of it will pay to ship as it comes from the mine.

The following statements about the Victory can not be challenged:

1 That the LARGEST BODY OF ORE has been opened up at the LEAST COST compared with any mine in British Columbia opened during the last two years

2 That every foot of work done is bringing more ore in sight than on any mine in British Columbia at the same stage of development.

3 That as an early dividend payer the Victory compares favorably with any property in process of development.

4 That the SURFACE CROPPING ahead of the tunnel gives every reason for supposing that within the next two months a wonderful chute of ore will be opened up at a depth of over TWO HUNDRED FEET.

Treasury Stock now 15 Cents.

For full information write to the Secretary of the Company,

ROSSLAND, B. C.

ORDER STOCK FROM YOUR BROKER.