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THE MINING REVIEW.

VOL. I.

ROSSLAND, B. C., JANUARY 6, 1897.

No. 17.

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Mining Claims for sale near Rossland, Trail and in the whole Columbia basin.

WILL EXAMINE AND REPORT ON MINES

MINING NOTES.

The Big Three Company is sinking a winze about 100 feet from the mouth of the Mascot tunnel. The workings are now in very fine ore.

John R. Cook says the whole face of the Coxe tunnel is in ore.

The winze from the No. 2 tunnel on the War Eagle is down eighty feet, with very high grade ore in the bottom.

A very satisfactory report was presented today to the directors of the Waneta and Trail Creek Mining Company by their superintendent. Work on the properties near Waneta is progressing satisfactorily, and the ore already assays as high as \$29 per ton.

Two Monte Christo miners were injured by a dynamite explosion today.

Messrs. F. M. Gillespie & Co. have opened an office in Rossland and will handle standard stocks. They have the agency for Victory-Triumph treasury stock.

The Orphan Boy, located in the Big Bend district, must be a wonder, to judge from reliable reports. The stock finds a ready sale.

A Salt Lake City man is an enthusiastic believer in the transmutation of silver into gold. He says it has certainly been established that gold and silver are merely the effect of electrical vibrations, the difference in the vibrations making the difference in the metals, and that difference can be made up by science at an immense profit.

It is said there has been a find of gold ore in the district north of Winnipeg, Man.

Two shifts are now working on the Snowdrop. The tunnel is in seventy feet and some very fine looking ore has been encountered.

The last assay of ore from the Victory tunnel gives 12 7-10 per cent copper, and \$35.42 all values. The latest assay from the Triumph gave 25 per cent copper and \$4 in gold. Work is progressing rapidly on both properties.

A good strike is reported on the Ymir, on Wild Horse Creek.

Iron Horse drills are now working, power being furnished by the Columbia and Kootenay compressor plant.

A petition is being circulated in Victoria for an exploratory survey of the country between Stickeen river and Teslin lake, with a view to choosing a route for the proposed railway to Yukon.

The shareholders of the Deer Park will hold a general meeting on the 13th instant. It is reported that an offer for the property, on a basis of 50 cents a share, will be considered.

A good deal of work has been done on the Commander, and this property will soon be a producer.

Ledges carrying good ore have been found on Josie ground by means of the diamond drill. Some of these did not show on the surface.

J. L. Parker reports very satisfactory progress on the Imperial and Stemwinder on Lookout mountain. He brought in some specimens of ore from these claims and secured highly satisfactory assays.

A nice body of ore was struck the other day on the Snowshoe.

The Victory-Triumph properties continue to improve. The ground is easy to work and every few days sees a change for the better. The Triumph shaft, 8x4 in the clear, is thirty feet deep. In the bottom is found heavy copper and iron pyrites, the values increasing. The last assays gave 25 per cent copper and \$4 gold. The Victory tunnel is now in eighty-five feet, and the immense fissure vein seems to be full of

mineral. The last assay gave 11 per cent copper, a very high value for sulphide ore. There is a large pile of fine ore on the dump. A second blacksmith shop has been erected and work is proceeding without intermission.

Development work on the Ibex has been commenced. A tunnel is being driven to crosscut the ledge at a depth of seventy-five feet. The work is now in fifty feet and the whole face of the tunnel is in mineralized rock. The Ibex has a strongly defined ledge, and the vigorous work which is now being carried on should soon result in raising this property out of the prospect class.

The Union Smelting and Refining Company has been incorporated for the purpose of building and operating a smelter at Northport. The capital stock consists of 110,000 shares at a par value of \$5. The company, which includes a number of mining men in this and other districts, was organized by E. H. Wedekind.

The Whitewater mine in the Slocan was declared a dividend of \$24,000. It is estimated that fifteen mines in the Slocan district will ship 4,000 tons of ore monthly during 1897.

Two hundred feet of work will be done by contract on the St. Keverne in the Slocan district.

Imperial ore assays \$62 at a depth of 10 feet.

Three shifts are working on the Sunset. The shaft is now down 70 feet.

H. C. Walters and J. C. Drewry, of the Walters company are on their way to Toronto.

The Juliet has been surveyed, and a Crown grant has been applied for.

Work is being pushed on the Fairview. The workings are 32 feet in ore of good grade.

Work has been begun on the new railway from Trail to Robson.

The Millie, a claim on the northeastern slope of Red mountain has been purchased by G. A. Pounder.

It is said that as soon as the Chelmsford, Ont., coal mine is producing, a smelter will be erected by the company, and Ontario ores will be treated.

The option of a controlling interest in the Novelty, given to an English syndicate, will expire on the 15th.

Spokane men are making a strong effort to boom that city as a smelting centre.

"Mining profits, without mining risks" is the motto of a new company organized in Toronto. Looking over the list of directors, one fails to find the name of any practical mining men. When mining profits are to be made without mining risks, the millennium, if not here, will be close at hand.

Oliver Durant says the Centre Star Company will erect a smelter. The site has not yet been decided upon.

ANOTHER LE ROI DIVIDEND.

At the regular monthly meeting of the directors of the Le Roi Mining and Smelting Company, held in Spokane last evening, a dividend of 5 cents a share was declared on the capital stock, amounting to \$25,000. This brings the total of dividends paid to \$275,000. The dividends have been paid as follows: October, 1895, \$25,000; January, 1896, \$50,000; February, 1896, \$25,000; April, 1896, \$50,000; June, 1896, \$25,000; August, 1896, \$25,000; October, 1896, \$25,000; December, 1896, \$25,000; January, 1897, \$25,000; total, \$275,000. The Le Roi mine is making a record for itself, and it is expected the dividends will be larger this year, as the facilities for taking out ore will be immensely increased. The dividends thus far paid by the two producing mines foot up \$462,500.

UNITED STATES MINERAL PRODUCTION.

The production of minerals and metals in the United States for the year 1896, says a New York despatch, is given at a total value of \$653,311,468, showing a decrease as compared with 1895 of \$24,689,206, or about 3½ per cent. This decrease was largely in values rather than in quantities; in none of the chief articles was there any marked decrease, while in several there were considerable increases. The total production of metals in the year 1896 was valued at \$242,311,481, an increase of \$1,694,111 over the previous year, while the value of non-metallic substances was \$410,999,987, a decrease of \$26,383,377 from 1895. A large part of this was due to the lower values of coal, stone and a few other important substances, very little resulting from the smaller quantities.

The increase in copper has been extraordinary, the total gains amounting to 67,763,150 pounds, which was made in spite of a large decrease in the domestic demands, but was more than absorbed by the extraordinary exports for the year, which are the largest on record.

The gold production of the United States in 1896 reached the total of \$77,000,000, a gain over 1895 of no less than \$10,169,800. This extraordinary advance surpasses the gain reported from any other country.

The output of gold was no less than 26 per cent. of the total reported by the entire world.

The production of lead from domestic ores in 1896 amounted to 175,717 short tons, showing an increase of 20,863 tons over the preceding year. In addition to this there were 70,000 tons produced from imported ores, or refined from imported bullion.

The production of silver from domestic ores reached a total of 45,465,175 fine ounces, showing a decrease from that of 1895 amounting to 865,062 ounces only. The silver production has thus been maintained better than has been anticipated. Moreover, there were produced or refined from foreign ores and bullion by our smelters no less than 140,000,000 fine ounces of silver, making the total quantity refined or put into final marketable form in this country 85,465,173 fine ounces. This large production was almost entirely absorbed by the markets, and the average price of silver for the year shows an actual advance, having been 67 cents, although toward the close of the year it fell about 2 per cent. below that price. Of the silver obtained from foreign ores, it is estimated that 38,000,000 ounces came from Mexican ores and bullion and 2,000,000 ounces from materials brought into this country from Canada, chiefly from British Columbia.

C. P. R. TO BUILD THE CROW'S NEST RAILWAY

The Ottawa correspondent of the Toronto World writes his paper as follows:

On his recent visit to the Pacific coast Mr. Davies was not able to inspect the mining camps, but his colleague, Mr. Blair, was more fortunate. The minister of railways is evidently greatly impressed with the needs of southern British Columbia in the way of improved and cheaper transportation facilities, and a definite announcement of the government's policy regarding the construction of the Crow's Nest Pass Railway may therefore be expected very soon. Your correspondent ventures to predict that the Canadian Pacific Railway Company will build the road, but in any loan or subsidy to that company conditions will be attached so as to keep down transportation rates. Mr. Blair foreshadowed this in his speech at Victoria a few days ago. He said he had found since coming to British Columbia a very strong feeling in favor of the continuation of the Crow's Nest Pass line to the coast. He believed that it would be built, and he believed that it was a necessity. The low-grade ores required to be handled cheaply and given low transportation rates in order to be profitable. He had no prejudice against any of the great railway companies, but he did not think that the true interests and welfare of the country could allow any corporation, no matter how great, to have control of all transportation interests. He would, therefore, impose on the railways some supreme control that should regulate their tariff rates. Cheap fuel must be guaranteed, too, and they could not have that if the coal lands were locked up in the hands of a railway corporation. Therefore, the question arose in his mind, that whether the government took upon them the railway to the coast, in whole or in part, the great coal lands should not be locked up in monopolistic hands. He would say the same, too, as regarded timber lands.

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Offices at Rossland, Trail and Nelson.



G. A. POUNDER, Pres. M. O. TIBBITS, Sec

...THE...

Silver Bell Mining Company

Assays from surface ore: \$24.35.
\$42.96, \$53.00, \$52.30, \$51.90, \$85.26.
Ore taken from the bottom of the shaft on Oct. 26th, assayed \$103.14.

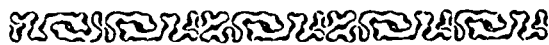
Situated two miles from Rossland, B.C., has good shipping facilities and all other conditions favorable for a paying mine.

TREASURY STOCK

is now on the market at Fifteen (15) Cents. The remarkably fine showing from development work warrants even a higher figure. Machinery now being installed.

(NOTE.—Before purchasing, Rossland residents and visitors are invited to call at the company's office and a representative will gladly show them the property.)

The Silver Bell Mining Company,
ROSSLAND, B. C.



G. A. POUNDER, Pres. W. J. GREEN, Vice-Pres.
J. A. SCAMAN, Secretary.

THE IBEX MINING COMPANY.

Limited Liability.

CAPITAL \$1,000,000, in Shares of \$1.00 Each, Fully-Paid and Non-Assessable.

TREASURY - - - 300,000 Shares.

This Company has been formed to operate the Ixex Mineral Claim, adjoining the famous Silver Bell mine.

There are three distinct ledges on the property, including the main ledge of the Silver Bell.

Development work is now in active progress. Five men are employed.

First block of Treasury Stock on the Market at 6 cents.

Tunnel now in 50 feet.

THE IBEX MINING COMPANY, LIMITED.

Shaw Block - - - ROSSLAND, B. C.

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Leo. H. Long.
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Copper only \$2 00	Lead, wet assay \$2 50	Antimony ... \$5
Gold and Copper 2 50	Silica 2 50	Arsenic 5 00
Gold only 1 50	Iron 2 50	Nickel 10 00
Silver only 1 00	Zinc 3 00	Cobalt 10 00
Gold and Silver 2 00	Sulphur 3 00	Coal Analysis 10 00
Lead, fire assay 1 00	Aluminum 3 00	

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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9:00 a.m. NELSON	5:20 p.m.
7:00 a.m. SPOKANE	7:00 p.m.

Passengers for Kettle River and Boundary Creek connect at Marcus with stage daily.

COLUMBIA & WESTERN RAILWAY
Time Table in Effect July 1, 1896.

No. 2, PASSENGER, Daily except Sunday—	Leaves Rossland	7:00 a.m.
	Arrives at Trail	7:45 a.m.
No. 6, PASSENGER, Sunday only—	Leaves Rossland	8:30 a.m.
	Arrives at Trail	9:15 a.m.
No. 4, PASSENGER, Daily—	Leaves Rossland	3:00 p.m.
	Arrives at Trail	4:00 p.m.
No. 3, PASSENGER, Daily except Sunday—	Leaves Trail	10:30 a.m.
	Arrives at Rossland	11:40 a.m.
No. 1, PASSENGER, Daily—	Leaves Trail	5:00 p.m.
	Arrives at Rossland	5:45 p.m.
No. 5, PASSENGER, Sunday only—	Leaves Trail	11:00 a.m.
	Arrives at Rossland	11:45 a.m.

Connection made at Trail with ALL STEAMERS, both up and down the Columbia river.
For freight rates and further particulars, write to
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Rossland, B. C.

Red Eagle Gold Mining Company, LIMITED

INCORPORATED UNDER THE LAWS OF BRITISH COLUMBIA.

Capitalization :
\$1,200,000.

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

Treasury:
500,000 Shares

Provisional Directorate:

President—W. H. FIFE, Fife Hotel, Tacoma, Wash.

Vice-President—WM. BENNISON, Rossland, B. C.
Managing Director—J. W. COVER, Rossland, B. C.

Secretary Treasurer—T. G. ELGIE, Rossland, B. C.

Consulting Engineer—C. W. CALLAHAN, London, Eng., and Rossland, B. C.

Properties (80 acres): RED EAGLE and RED POLE, in the famous South Belt Trail Creek Mining District, B. C.,—adjoining Mayflower and Curlew.

Assays of ore from surface of Red Eagle give results ranging from \$20.00 to \$938.80. The Red Eagle has been surveyed, and a crown grant applied for. The price of Red Eagle Treasury Stock is 10 cents. The work of development has commenced, and will be prosecuted vigorously.

Intending investors are invited to examine the Red Eagle properties.

For prospectus and full information, address:

Remittances may be made through the Manager of the Bank of
British North America, Rossland, B. C.

WM. BENNISON & CO., Mining Brokers,
Shaw Block, Rossland, B. C.

THE WAR EAGLE SOLD.

Quite a sensation was caused in the camp on Monday when it was made known that the Gooderham-Blackstock syndicate of Toronto had purchased the War Eagle for \$550,000. The negotiations had been conducted in such an unostentatious manner that the news of the sale came as a surprise to ninety-nine out of a hundred, but Mr. John A. Finch, vice-president of the company, confirmed the report of the sale, saying however:

"It will be some time before the new owners will be able to take hold. We will have a meeting of the stockholders and of the directors. The stockholders' meeting will be called for about the 20th of this month. The terms of the sale were secret."

Patsy Clark, president of the War Eagle company, has been in the east for several weeks, and it is supposed the deal was arranged by him while in Toronto. It is reported in Toronto that the Crown Point properties will be combined with the War Eagle, and that a new company will be formed with a capital of \$3,000,000. Of this company Mr. George Gooderham will be president and Mr. T. G. Blackstock vice-president. The capital of the present company is \$500,000.

The War Eagle is one of the best known properties in Trail Creek district, and it is to this mine and its enterprising owners that much of the present prosperity of the camp of Rossland is directly due. Shortly after the property passed into the hands of the present company, a dividend was declared, and the first genuine excitement in the district followed.

Up to the present time the War Eagle has paid \$187,500 in dividends, and has large reserves of ore in sight.

The history of the mine is an interesting one. It was located in 1889 by Joe Morris and Joe Bourgeois, and passed through all of the ups and downs, mostly downs, to the discouragement of the owners before passing into the hands of the present company in 1894. Systematic development was commenced the same year, and in the summer of 1895 the first dividend of \$37,500 was declared. In the following winter the mines known as the War Eagle properties—the War Eagle, Iron Mask, Poorman and Virginia—were segregated, owing to the difference in ownership, although many of the stockholders were interested in all of the companies.

The officers of the company are: President, Patrick Clark; vice-president, John A. Finch; treasurer, Austin Corbin; secretary, F. E. Lucas. The trustees are Patrick Clark, John A. Finch, A. B. Campbell, Austin Corbin, B. C. Kingsburgh, W. J. Wakefield of Spokane, and H. L. Frank of Butte, Mont.

At the annual meeting of the company, on May 18 last, an option was given to D. C. Corbin, president of the Spokane Falls & Northern railway, for London interests. The price was then \$2 a share for the War Eagle and \$1 a share for the Iron Mask, or \$1,500,000 for both properties. Previous to this time Mr. Corbin had an option for \$1 per share, or \$300,000, for the War Eagle. This option expired on April 1 of last year. The failure of the London people to take the property, after having been granted several extensions,

is well known. Immediately afterward the Gooderhams opened negotiations, and it was thought, as the time had expired on December 31, the deal would not go through, but negotiations were again opened and the sale consummated.

The Toronto World says: The World has obtained further particulars of the War Eagle-Crown Point deal, and the transaction proves to be one of almost gigantic proportions.

The deal now consummated means the consolidation of the War Eagle, Crown Point, Robert E. Lee, Tiger and Uncle Sam properties, in Trail Creek, together with the Richmond group of silver claims in the Slocan district.

Mr. George Gooderham will be president, and either Mr. T. G. Blackstock or Hon. George A. Cox vice-president of the consolidated company. The capitalization of the company is to be \$2,000,000, divided into 2,000,000 shares of \$1 each. Of these shares, 350,000 are to be placed in the treasury, leaving 1,650,000 to be offered on the market at 80 cents per share. The sale of this stock at the price named will net \$1,320,000 in cash.

Now, for the War Eagle \$550,000 is being paid, for Crown Point \$400,000 and for the Robert E. Lee, Tiger, Uncle Sam and Richmond group \$40,000. This makes a total of \$1,290,000, which will leave \$30,000 of a margin to cover expenses.

It is understood that Mr. George Gooderham takes over 1,500,000 shares himself, and that the rest will be taken up in Toronto and Montreal.

MINING IN ALASKA.

"There are about 2,000 people in the Yukon country, of whom about 1,000 are in Central City," says an Alaskan. "Everybody there hasn't capital. Though wages for miners are \$10 a day, the season is short. It only last three months—June, July and August—during which time it is always daylight and the sun shines straight through. The water is plentiful during the season. If a man can find a good location and mine for himself it is better than working for wages. The \$10 a day there, considering the difference in living, is no more than \$2 would be here. There is one claim here which cleans up ten ounces of gold to the man, but this is an exceptionally good one. They generally run from an ounce up."

It has frequently been stated that the ground in Alaska is so badly frozen that it is necessary to build a fire and thaw out a little gravel at a time before it can be worked. This, Mr. Watson says, is not so. The ground, he says, is covered with moss. When that is scraped off the sun thaws out the ground in a month's time to the depth of six feet. This operation, however, reduces the working time in the open season. In the winter the cold in Alaska is very severe. For one solid week last winter, Mr. Watson says, the thermometer stood at 60 below zero, and one night went to 72 below. Mercury stays frozen during such weather, so that mercury becomes the barometer as well as the thermometer in that country.

Miner's law governs in the Yukon district. This allows a claim 500 feet long and from rim to rim. The

discovery of a new stream where gold can be found entitles the lucky man to 500 feet more. The miners preserve fine order in a camp. Last winter two men got out and emptied their six-shooters at each other without doing any damage except to the surrounding scenery. They came within an ace of being banished. The miners passed a law, however, making banishment the penalty for such offenses, even to flourishing a gun without good cause. The same penalty was provided for stealing, and one sentence for that offense has already been enforced. Central City, which is the hub of this district, has twenty-five saloons and one opera house. It is Central City that most of the men make for after the season for mining has closed, and on account of the high price of everything, the men form themselves into clubs and little communities and thus reduce the cost of living.

The quickest way to reach Central City from Juneau is to take a little steamer up to a place called Dyea. From there a trip of twenty-six miles is made over the range and the headwaters of the Yukon reached. The man who gets there about the time the ice is breaking up can boat it 800 miles down the river to Central City. By going by this route he reaches his destination early in June. If he wait for the ice gorged at the mouth of the river to break up he will not get there on a steamer until some time in July. All this helps to make the prices of food very high. There are other discomforts connected with mining in Alaska, the main one being mosquitoes. They are so thick in the Yukon that the miners have to wear mosquito bars over their heads and wear gloves also.

ONTARIO NICKEL MINES.

Of late considerable has been said to the effect that the Copper Cliff Company's nickel mines near Sudbury were closing down because the industry no longer proved remunerative. The World is, however, informed that as a matter of fact this company has made a big thing out of its operations, but that for obvious reasons it has hidden all knowledge of its success from the public.

The Copper Cliff Mine Company is understood to be a close corporation, identical with the Carnegie syndicate, which controls the Homestead and other works. This syndicate controls the nickel-steel industry, and obtains its supply of nickel from Sudbury.

It is further alleged that in order to obviate competition this syndicate systematically maintains that it realizes no profits from its Algoma mines, while as a matter of fact if the accounts at Homestead were to be inspected, handsome returns from the exploitation of the Sudbury nickel deposits would be shown.

And besides, the profits obtained from the nickel product, it is said that each ton of ore from the Copper Cliff yields from \$8 to \$12 in copper, and considerable gold.

It would, therefore, seem that with a view to maintaining a monopoly, the Carnegies are working a clever game in connection with their Algoma properties.—Toronto World.

THE MINING REVIEW

A weekly newspaper devoted to the mining interests of Trail Creek District.

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Half page.....	\$12.50 per insertion, \$40 per month
Full page.....	\$20.00 per insertion, \$70 per month
Business Cards, first page.....	\$5 per month

There will be no deviation from these rates.

All business communications should be addressed to A. R. MACDONALD & CO., Proprietors, The Mining Review, Rossland, B. C.

VOL. I. JANUARY 6, 1897. No. 17.

EDITORIAL NOTES.

THE War Eagle is sold. After negotiations extending over many months, a hitch occurred in the deal which was to place this famous property in the hands of an English company, but now, unheralded by any flourish of trumpets, a deal has been completed by which the property passes into the control of the Gooderham syndicate. It is understood that the Montreal syndicate, which now owns the original townsite of Rossland, is interested with the Toronto people. This sale cannot but benefit the camp. It will help outside investors to realize that Rossland's mining affairs have a solid and permanent foundation. When the shrewdest business men in the Dominion put hundreds of thousands of dollars into a Rossland mine, it must certainly be taken as an evidence that they have faith in the future of this section. Rossland will be benefitted directly by the purchase of this property, for the vendors are mining men who will spend the money they receive for this mine in developing other properties in the camp, giving impetus to the work which is making Rossland the great mining camp of Northwestern America. The deal is the largest in the history of the camp

G. H. CAMPBELL IN TORONTO.

Said Geo. H. Campbell, of Winnipeg, to the Toronto Globe:

"I suppose I am something of a curiosity. I haven't got a single mineral specimen in my pockets, I don't want to sell a mine, and I don't want to unload any bonanza shares in the city."

Some of the more prominent mines in which Mr. Campbell is interested, says the Globe, are the Iron Colt, the Hattie and a very promising prospect near the Triumph mine on Sophie mountain. On each of these a good deal of work is being done, and some fine ore is already shown in the shafts.

WHERE ARE THE DIVINING-ROD CRANKS?

Divining-rod cranks are, apparently, doing a good business in Canada, says the London Mining Journal. There is always a tendency on the part of mankind to believe in the marvelous and supernatural, and to this day there are many intelligent people who believe implicitly that certain men are endowed by nature with a peculiar sense or perception by which they are enabled to reveal the spots where mines are hidden, and to discover buried treasure by means of the divining-rod or other instrument. Canada has its full share of these deluded divining cranks, and many persons have been foolish enough to believe their statements and to expend money and labor in the fruitless endeavor to discover the hidden riches in places where there is no likelihood of valuable minerals occurring. Much harm results to the mining industry through these individuals, and unless a knowledge of the nature of minerals and rocks is

diffused among people in mining districts, much money and time will be wasted. To economically and efficiently operate a mining property requires more brains than to run a grocer's store, and the report of men of undoubted integrity and ability should receive that consideration warranted by years of hard study of mineral deposits and their practical development.

MARKET REPORT.

The transactions of the week have been full of encouragement. The War Eagle deal has been the great feature on the market. Crown Point has dropped to 40, it being understood that the property is to be incorporated with the War Eagle Consolidated properties at \$400,000. Deer Park has again advanced. Other stocks which have advanced are Lily May, War Eagle, West Le Roi and Josie. Silver Bell, Big Three, Red Eagle, Victory-Triumph, Waneta-Trail Creek and Monita have been active. Interest in Trail Creek stocks is again active in the east, and buying orders are increasing. Chicago and Minneapolis are taking hold.

COMPANIES.	CAPITALIZATION.	PAR VALUE	MARKET PRICE.
Alberta.....	\$1,000,000	\$ 1 00	t 15
Alamo.....	500,000	\$ 1 00	*
Butte Gold Copper.....	1,000,000	1 00	t 07½
Big Three.....	3,500,000	1.00	t 10
Caledonia Con.....	500,000	1 00	t 10
California.....	2,500,000	1 00	15
Cambridge.....	1,000,000	1 00	t 08
C & C.....	500,000	1 00	*
Centre Star.....	500,000	1 00	*
Celtic Queen.....	750,000	1 00	t 05
Commander.....	500,000	1 00	t 25
Crown Point.....	1,000,000	1 00	40
Colonna.....	1,000,000	1 00	t 15
Cariboo.....	800,000	1 00	47½
Cumberland.....	500,000	10 00	*
Deer Park.....	1,000,000	1 00	24
Elise.....	1,000,000	1 00	t 15
Enterprise.....	1,000,000	1 00	*20
Eureka.....	500,000	1 00	t 05
Evening Star.....	1,000,000	1 00	14
Georgia.....	1,000,000	1 00	20
Good Hope.....	500,000	1 00	8
Great Western.....	1,000,000	1 00	17
Grey Eagle.....	750,000	1 00	
High Ore.....	500,000	1 00	07½
Homestake.....	1,000,000	1 00	17½
Hall Mines.....	£300,000	£1	
Hilltop.....	1,000,000	1 00	t 10
Idaho.....	500,000	1 00	*
Iron Colt.....	1,000,000	1 00	t 20
Iron Horse.....	1,000,000	1 00	*20
Iron Mask.....	500,000	1 00	57
Ivanhoe.....	1,000,000	1 00	t 10
Josie.....	700,000	1 00	38
Jumbo.....	500,000	1 00	59
Juliet.....	1,000,000	1.00	t 12
Kohinoor.....	1,000,000	1 00	t 10
Kootenay-Columbia.....	40,000	100 00	*
Kootenay London.....	1,000,000	1 00	12½
Le Roi.....	2,500,000	5 00	7 50*
Lily May.....	1,000,000	1 00	20
Mayflower.....	1,000,000	1 00	15
Monte Cristo.....	1,000,000	1 00	16
Mugwump.....	1,000,000	1 00	t 20
Monita.....	750,000	1 00	t 25
Minnesota.....	1,000,000	1 00	*
Northern Belle.....	1,000,000	1 00	t 15
Noble Five Con.....	1,200,000	1 00	62
Old Ironsides.....	1,000,000	1 00	11
O. K.....	1,000,000	1 00	27½
Orphan Boy.....	700,000	1 00	t 15
Phoenix.....	500,000	1 00	t 15
Poorman.....	500,000	1 00	9
Red Mountain View.....	1,000,000	1 00	12
Rossland, Red Mt.....	1,000,000	1 00	25
Rambler Con.....	1,000,000	1 00	*
St. Elmo.....	1,000,000	1 00	13
Silver Bell.....	1,000,000	1 00	t 15
Silverne.....	500,000	1 00	12½
Southern Cross & W Con.....	500,000	1 00	20
St. Paul.....	1,000,000	1 00	t 12½
Slocan Star.....	500,000	50	2 15
Sunshine.....	500,000	10 00	*
Trail Mining Co.....	250,000	100 00	*
Union.....	600,000	1 00	*
Victory-Triumph.....	1,000,000	1 00	t 10
Virginia.....	500,000	1 00	19
War Eagle.....	500,000	1 00	57½
West Le Roi.....	500,000	1 00	27½
White Bear.....	500,000	1 00	*
Young British America.....	1,000,000	1 00	t *
Wonderful.....	1,000,000	1 00	
Zilora.....	1,000,000	1 00	15

Dividend paying properties appear in italics. An asterisk denotes that there is no stock on the market. It denotes treasury stock.

C. F. CLOUGH, President. J. J. McATHE, Vice-Pres. & Treas. J. F. PIGGOTT, Secretary

C. F. CLOUGH & CO.

(INCORPORATED.)

MINING BROKERS.

ROSSLAND, B. C.

Head Office, - Spokane, Wash.
36 King St. E. - Toronto, Ont.

WALTER C. ARCHER,

MINING AGENT,

NOTARY PUBLIC AND CONVEYANCER.

Full list of Mining Stocks. Quotations given by letter or wire.

Telegraphic address: Archer, Rossland.

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WE ARE PREPARED TO PURCHASE any of the Standard Stocks at Market Quotations, paying cash for same. Wire offerings.

SAWYER, MURPHEY & CO.,

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OFFICES:

ROSSLAND, B.C., SPOKANE, WASH., TORONTO, ONT
MONTREAL, QUE.

Contractors for the sale of Treasury Stocks of Mining Corporations in the Trail Creek District.

S. NORMAN & CO.

MINING AND STOCK BROKERS.

Direct Telegraphic Connection with Rossland.

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MINING BROKERS AND REAL ESTATE.

Agents for Deer Park Treasury Stock.

201 and 202 THE ROOKERY.

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S. THORNTON LANGLEY.

Associates.

JOHN McTEER REPASS.

Mining Stocks and Properties of Merit.

RECORD BLOCK,

ROSSLAND, B. C.

THE ANGLO-CANADIAN MINING EXCHANGE, LTD.

(Incorporated by Dominion Charter.)

Head office: McKinnon building, Toronto, Canada.
Rossland office: Columbia avenue, near Grand Union Hotel.

Represented by GEO. GURD, Secretary.

THE CANADIAN GOLD FIELDS SYNDICATE, LIMITED.

LEADING FEATURES :

Incorporated December 9th, 1896, under the great Imperial Companies Act.

Entire Capital Stock, "Treasury."

There being no Promoters' Shares.

Absolutely no personal liability following the Shareholders.

Shares sold at TEN CENTS are actually Fully-Paid and Non-Assessable.

Empowered to do a General Mining Business anywhere for profit.

Ample Capital Stock to enable successful accomplishment of any undertaking.

Every Share participates in all of the Syndicate's operations.

Will not risk all of its working capital upon success or failure of any single mining undertaking.

Begins business with control and vigorous development of the justly celebrated Sunset Group of rich Gold-Copper properties at Rossland.

Owens the "Jennie," a Slocan property, the clean ore from which assays \$80 to \$650 per ton.

Is officered by men, more than one of whom, in any emergency, can step into the breach and do expert work, whether the "sharpening of steel," the use of any mine workman's tools, or the conduct of financial operations of magnitude be necessary.

Orders and Remittances for *Fully-Paid, absolutely Non-Assessable Shares* of the Canadian Gold Fields Syndicate, Limited, at 10 cents, may be sent direct, or through any bank, to

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

No Order Filled for less than FIVE HUNDRED SHARES.

AGENTS WANTED EVERYWHERE.

THE JOSIE IN LONDON.

A recent number of the London, England, City Leader contains a column editorial article on the Josie mine at Rossland. The City Leader is a weekly journal devoted to commerce, investments and speculation. It says:

"The way in which the vendors of the Josie mine have endeavored to float the property here, and have negotiated to that end, is highly detrimental to the prospect of the flotation of the property as a joint stock company in London, whatever may be its merits. During the last few days there have been received no less than four cable messages in London, each of which purports to contain an offer to sell the Josie, but all at different prices and on different terms. It is not for us to blame the sellers of any commodity, whether it is a mine or a pair of boots, for trying to get the best price they can. But such tactics are not likely to conduce to that object. The next incident was the receipt by a person who had been interesting himself in the matter of a cable to the effect that the property had been withdrawn from the London market, that cable being signed by the secretary of the company.

"The capital of the existing Josie company is \$700,000, and the present price of the shares, we believe, about 60 cents, making a total market valuation by the British Columbians themselves of \$420,000. In one of the cases which have been mentioned to us, the proposed vendors have been good enough to offer the mine for \$650,000, a price which would afford them a very good profit on the local market valuation, as we have described it above and understand it to be. But even if it were possible to sell the property here for that or a higher price, the half a dozen business people to whom it has been offered at \$700,000 hardly relish being ostracised, seeing that the negotiations had actually reached the point of a deposit being tendered. Matters do not come to that stage without a considerable amount of work having been undergone, and we need hardly add that no business man would have undertaken the trouble involved had he known that the mine was being hawked about as it appears to

have been. And it is not only the trouble incurred, but the expense must have been tolerably heavy in cabling and other matters. And all this trouble and expense has been incurred without any result.

"Another hint we have to throw out, and we think we have made it pretty plain in the foregoing part of this article, is to the British Columbians themselves. That is against coming here to ask fancy prices for their mining properties. Even in London we are not all fools, and when a property is offered all round the market at a price much in excess of its local valuation, we are apt to find out the fact, particularly if two or three of the proposed purchasers happen to converge into one office and compare notes."

The foregoing was shown to Frank C. Loring and F. E. Snodgrass, the secretary of the Josie Gold Mining company. They authorized the following statement:

"We have not given an option to any one at any price for the past eighteen months, and the price which has been quoted has been unauthorized.

"The only proposition entered into by the company was a contract given to obtain an option to purchase the mine for \$700,000. The syndicate which held the contract desired an extension of time thereunder, which the company refused to give. We have had numerous applications to purchase, and in each case, except the one mentioned, have said the mine was not for sale at a less figure.

"In regard to the mine being offered in London, it was done without our authority, and as soon as we found such to be the case we cabled: 'No authority given to sell and the property withdrawn from the market.'"—Chronicle.

AN ENGLISHMAN'S VIEW

J. E. H. Monypenny, of London, England, who has been in the Kootenay in behalf of the London Times, in an interview the other day said:

"When I left England there was a marked decline of interest in South African mines, and at the same time distinct evidence of appreciation of the remarkable mineral resources of British Columbia. There

appeared to be several reasons, why there may be some delay in investments being made in British Columbia, and this fact is due to the interest excited in New Zealand mines, and the further fact that large investors in South African mines can not now withdraw from that field without loss. Of course, a large number of persons of comparatively small means lost a great deal of money in South African mining stocks, and no matter how much they may desire to invest here, they haven't the money to do so."

"What is your opinion of the future of the Kootenay?" was asked.

"It is most favorable, and I shall so report to my friends when I reach England. Unquestionably the mineral deposits here are enormously rich, and the developments already made are only indications of what will be done in the near future. English capitalists, who are not yet ready to invest, are not idle, but have sent agents to British Columbia for the purpose of securing accurate information. Next spring probably there will be an extraordinary volume of money invested in the Kootenay."

GOLD PRODUCTION OF THE STATES.

The approximate estimates of the production of gold from the mines of the United States, says a Washington dispatch, as made to the director of the mint, gives the production of gold in the respective states and territories in 1896 and the increase over 1895, as follows:

	1896.	Increase.
Alaska.....	\$ 3,249,000	\$ 453,000
California.....	16,500,000	1,620,000
Colorado.....	13,000,000
Idaho.....	2,474,000	690,000
Montana.....	4,440,000	552,000
Nevada.....	2,955,000	1,403,000
New Mexico.....	525,000	35,000
Oregon.....	1,300,000	410,000
Washington.....	302,000	30,000
South Dakota.....	1,650,000	780,000
Utah.....	1,920,000	550,000
South Appalachian States.....	38,000
	\$54,119,000

The total production of silver, according to the same authority, was 52,535,300 fine ounces.

Big Three Gold Mining Company.

Incorporated under the Laws of the State of Washington and Registered under the Laws of British Columbia.

THE COMPANY OWNS

THREE BIG MINES. "MASCOT," "SNOWSHOE,"

In Trail Creek District, Rossland, B. C.

"SOUTHERN BELLE."

CAPITAL - 3,500,000 SHARES. PAR VALUE, \$1.00 EACH.

SHARES FULLY PAID AND NON-ASSESSABLE.

Treasury Stock = 1,000,000 Shares.

TO BE SOLD FOR DEVELOPMENT PURPOSES.

OFFICERS:

President: R. H. POPE, M. P., Cookshire, P. Q., *Vice-President:* O. G. LABEREE, Spokane, Wash. *Secretary and Treasurer:* R. DALBY MORKILL, JR., Rossland, B. C.

DIRECTORS:

J. P. GRAVES, Spokane, Wash.; CHAS. H. WOLF, Spokane, Wash.; O. G. LABEREE, Spokane, Wash.; R. H. POPE, M. P., Cookshire, P. Q., and R. DALBY MORKILL, JR., Rossland, B. C.

DESCRIPTION.

The "Mascot" is situated on Columbia Mountain, and adjoins the famous "Kootenay" mine. Work done: 100 feet of tunnel, the whole face of tunnel in ore; 30 feet shaft, five feet of ore in bottom of same. Two strong veins on the claim, with good grade ore like the "Kootenay" mine. The "Mascot" is the most promising mine for the work done in Trail district. Buildings, roads and trails all completed.

The "Southern Belle" is located on Red Mountain, and adjoins the "Cliff" and "View" mines. Has a shaft 50 feet deep, and about 2 1/2 feet of good ore. Assays taken were: \$35.00 to the ton, and as high as 20 per cent. in copper, one of the best copper ores in the camp. Has numerous open cuts and two short tunnels.

The "Snowshoe" adjoins the "Southern Belle" and the "Northern Belle." It has a tunnel 80 feet long, shaft 20 feet deep; good surface showing and ore values increasing with depth.

The "Big Three" has a bright future, and the stock is a good investment. All three properties are developing very fast into mines.

The present treasury stock is offered to carry on further and rapid development work. Development under the able supervision of W. Y. Williams, a gentleman of sound ideas and wide experience in mining.

Ten thousand shares of Treasury Stock offered at 10 cents a share. Shares will advance. In ordering shares, send draft, money order, or express order, to

A. L. White & Co., 259 St. James St., Montreal, P. Q.

Or to REDDIN & JACKSON, Rossland, B. C., Agent for Treasury Stock.

SAYS WE ARE ON THE INSIDE.

And now comes to disturb all our accepted notions of astronomy, geography and everything else one Cyrus K. Teed, of Chicago, who has an entirely new theory of his own which he is about to demonstrate according to his account so clearly that it must be at once accepted of all men. We have always supposed that we lived on the outer surface of a spherical body and that when we burrowed into the earth we were making some progress towards the centre, however small our excavations might be when compared with the bulk of the total globe. Not so says Teed; the earth is a hollow globe and we are living on its concave inner surface, while the sun hangs in the center of the great spherical cavity. Now a good many years ago an eccentric navigator named Symmes maintained that the center of the earth was hollow and filled with water, but even then he admitted that we were on the outside of the terrestrial ball. Teed, however, is positive, but as some consolation for our disappointment at finding ourselves shut up in what must seem to the imagination like a spherical prison no matter what is its size, he assures us that the outer shell is composed of pure gold. The little fragments of the yellow metal which we manage to gather together are simply drops from this external shell which have filtered through the cracks, and vein formation is thus at once accounted for. Unfortunately, he does not say how thick the shell is, nor how much further we have got to bore through it before we reach this tremendous outer crust, and so obtain control of unlimited supplies of standard money. The demonstration of the concavity of the earth's surface is to be begun in Florida before long, we are assured. Meantime, not many believers seem to be gathering around the new doctrine. The originator recently sent a lieutenant—one Samuel Miller, of Herkimer county—to the city of New York for the purpose of expounding the theory. Unfortunately, his audience consisted of only three persons, which shows how hard-headed and stubborn the present generation is. Perhaps a few more can be attracted when the organization of the Outer Crust Gold Development and

Transfer Company shall have been completed, and arrangements made to give some of us at least a chance at the wealth which, according to Teed, is there awaiting us. Engineering and Mining Journal.

THE HOPE MOUNTAIN PASS.

A veteran missionary writes as follows concerning the Hope mountain pass:

"Hope is on the Fraser, about twenty miles below Yale, and on the other side of the river. In 1800 I rode on horseback through the Hope mountain on my way to the Selkameen mines as a Methodist missionary. I camped all night in the pass and remember it well. It is one of those spots you now and then meet with in the western mountains, as if designed by the Creator for the bed of a railway. In a letter to the Canadian Guardian of that date I said that in some future years it might be remembered that a Methodist missionary, the first to cross the mountain, had slept at one of the principal stations of a future Pacific railway in the days of the long ago. The difficulties in crossing the mountain were small, for the Dewdney trail ran the most of the way, and any western man could push through the remainder. The Selkameen valley is one of the most English in scenery in all British Columbia. The pay dirt in the river beds panned out with a common rocker \$5 a day, and there is a long stretch of good mining country from there to Kootenay. In the stretch of valleys reaching on to Kootenay is included Kamloops and Okanagan, whilst other extensive valleys reach out from the direct route, passing from Hope to Trail and Rossland.

"For the past thirty-five years travel between Hope and Kootenay has been kept up, and I remember miners and others coming into the former place from the diggings of those days and prophesying that Kootenay was the future mining camp of British Columbia. It is one of them, but to those who have lived many years in that province and travelled throughout it to speak of any single mining camp as the ultimate thule of British Columbia, is only a story of today, which the discoveries of tomorrow will explode."

CERTIFICATE OF IMPROVEMENTS.

CAMBRIDGE MINERAL CLAIM.

Situate in the Trail Creek Mining division of West Kootenay district. Where located: About 4 miles south east of the town of Rossland, on Violin Creek.

TAKE notice that I, N. F. Townsend, as agent for H. S. Wallace No. 73,495; John Elliott, No. 75,011, and Ernest Miller, No. 72,777, intend, sixty days from the date hereof, to apply to the Mining Recorder for a certificate of improvements, for the purpose of obtaining a Crown grant of the above claim.

And further take notice, that action under section 37 must be commenced before the issuance of such certificate of improvements.

Dated this 10th day of October, 1896.

10-13

N. F. TOWNSEND.

CERTIFICATE OF IMPROVEMENTS.

VICTORY MINERAL CLAIM.

Where located: On Sophie Mountain, in the Trail Creek Mining Division of West Kootenay, District of British Columbia.

TAKE notice that I, A. R. Macdonald, acting as Secretary of Victory-Triumph Gold Mining Company, Limited Liability, free miner's certificate number 77279, intend, sixty days from the date hereof, to apply to the Mining Recorder for a certificate of improvements for the purpose of obtaining a Crown grant of the above claim.

And further take notice, that action under section thirty-seven must be commenced before the issuance of such certificate of improvements.

Dated this 1st day of December, 1896.

12-1-96

A. R. MACDONALD.

CERTIFICATE OF IMPROVEMENTS.

TRIUMPH MINERAL CLAIM.

Where located: On Sophie Mountain, in the Trail Creek Mining Division of West Kootenay District of British Columbia.

TAKE notice that I, A. R. Macdonald, acting as Secretary of Victory-Triumph Gold Mining Company, Limited Liability, free miner's certificate number 77279, intend, sixty days from the date hereof, to apply to the Mining Recorder for a certificate of improvements for the purpose of obtaining a Crown grant of the above claim.

And further take notice that action under section thirty-seven must be commenced before the issuance of such certificate of improvements.

Dated this first day of December, 1896.

12-2-96

A. R. MACDONALD.

CERTIFICATE OF IMPROVEMENTS.

EMERALD MINERAL CLAIM.

Situate in the Trail Creek Mining division of West Kootenay district. Where located: East of and adjoining the town of Rossland.

TAKE notice that I, N. F. Townsend, acting as agent for Hirschel Cohen, free miner's certificate number 75864, intend, sixty days from the date hereof, to apply to the Mining Recorder for a certificate of improvements, for the purpose of obtaining a Crown grant of the above claim.

And further take notice that action, under section thirty-seven, must be commenced before the issuance of such certificate of improvements.

Dated this 23rd day of November, 1896

69

N. F. TOWNSEND.

"CAMBRIDGE"
TREASURY STOCK,
AT 8 CENTS.

"CAMBRIDGE"
TREASURY STOCK,
AT 8 CENTS.

...BUY CAMBRIDGE

Treasury Stock,

AT 8 CENTS PER SHARE.

Development work done by promoters has greatly improved the appearance of the property.
Title perfect.

Crown Grant in course of issue.

Work to be commenced shortly and kept up till the Mine is ready to ship.

Steady appreciation in Cambridge Stock is a certainty.

No better speculative investment at the price in Trail Creek.

Orders for Stock accompanied with remittances to

MELFORT BOULTON,

130 JORDAN STREET, TORONTO.

OR TO THE OFFICE OF THE

CAMBRIDGE GOLD MINING CO.

Room 7 Hart Block, ROSSLAND, B. C.

"CAMBRIDGE"
TREASURY STOCK,
AT 8 CENTS.

"CAMBRIDGE"
TREASURY STOCK,
AT 8 CENTS.

A SPLENDID INVESTMENT.**VICTORY-TRIUMPH**
Treasury Stock at 10 Cents.**PROVISIONAL DIRECTORATE.**

President—DAVID B. BOGLE.
 Vice-President—OLAUS JELDNESS.
 Secretary-Treasurer—A. R. MACDONALD.
 Trustee—JEFFERSON LEWIS.

Bankers: BANK OF BRITISH NORTH AMERICA.
 Office—ROSSLAND, B. C.
 Solicitor: W. J. GREEN.
 Mines—SOPHIE MOUNTAIN.

Capitalization:

\$1,000,000 in One Million Shares, \$1 Each, fully paid and Non-Assessable.

Treasury Stock, 250,000 Shares.

A Block of 50,000 Shares of the Treasury Stock is now on the Market at 10 cents, subject to advance without Notice.

PROPERTIES Victory, Triumph and Triumph Fraction, eighty-five acres in all, located on Sophie Mountain, Big Sheep Creek, Trail Creek Mining District.

DEVELOPMENT: The promoters of the Company are vigorously prosecuting the work of development, and the showing on property is excellent. On the famous Victory ledge, which runs nearly 2,500 feet through the claims, there are several open cuts and a working tunnel now in over 40 feet. In this there is a large body of solid ore, carrying gold, silver and copper, average assays running near the pay limit, while the ore improves from day to day, as depth is gained. On the Triumph there is a copper ledge, crossing the Victory vein at nearly right angles. This has the finest surface showing of copper ore, carrying gold, ever seen in the camp. On December 5th, when starting a working shaft on this ledge, the miners uncovered ore which assayed over 22 per cent. copper. Work on this shaft and the Victory tunnel will be continued without cessation, the promoters having placed sufficient funds in the treasury to guarantee the work for several months.

At a Depth of 8 feet Triumph Ore assayed 30.4 per cent. Copper and \$3.00 in Gold.

Total Value Approximately \$70.00 per ton.

Assays During the last Week: VICTORY, \$35.42 12 7-10 per cent. Copper. TRIUMPH, \$59.00 25 per cent. COPPER.

VICTORY-TRIUMPH will soon advance in price.

F. M. GILLESPIE & CO., *MINING BROKERS.*

Agents for the Sale of Treasury Stock.

P.O. DRAWER T.

P. O. BLOCK. ROSSLAND, B. C.