

# ROSSLAND WEEKLY MINER.

Two Dollars a Year.

ROSSLAND, B. C., THURSDAY, MARCH 31, 1898.

Fourth Year, Number 3

## OUR WORKING MINES

### Heavy Purchases of Big Properties During the Past Week.

### ORE SHIPMENTS INCREASE

Progress Made on the Various Mines of the Camp—Active Operations of the B. A. C. Company Will Soon Be Inaugurated—Other Notes.

Big mining deals were a matter of common occurrence the past week, and were inaugurated by the War Eagle company acquiring a control of the Monita, on the basis of \$100,000. It is probable that this property will be worked by the Monita company, as independent of the War Eagle. This purchase was followed by the acquisition of John R. Cook's interest in the Pilgrim, which lies between the Monita and War Eagle, and options for the remaining interests will undoubtedly be taken up.

Still another sale was the Pearl and Ruby fractions, south of the Le Roi, for which a sum between \$15,000 and \$20,000 was paid by an English syndicate. Mr. Carlyle, of the B. A. C., is expected in Rossland within a week, when extensive operations on the B. A. C. property will be inaugurated.

Shipments during the past week were increased by 700 tons. The Le Roi shipped 1,240 tons, the Iron Mask 320, and the War Eagle 940. The latter shipment was to the Nelson smelter, and was for fluxing purposes. This made a total shipment for the week of 2,550 tons.

At the Deer Park work continues on the drift in the 150-foot level, where the big strike of two weeks ago was made. Preparations are being made for the shipment of a few carloads, more for a sample shipment than anything else, as at present the facilities do not exist. The fine body ore from which the assay of nearly \$500 was obtained continues with the workings, and there are nearly eight feet of it. Stock went up as high as 13 1/2 cents this week, but came down to 12 again, more from lack of interest than anything else.

No property in the camp is so active as the War Eagle, in which there is more than a mile of underground work. It is expected that shipping will be commenced about July 1. The company has acquired the adjoining claims, Pilgrim and Monita, which will no doubt be worked independently through the War Eagle tunnel.

The Sovereign. This property is being operated by the owners, William Murphy, Gus Petersen and John Ryan. The shaft is down 45 feet, and a tunnel is in 110 feet. They have just cut into a 10-foot ledge and are drifting about 80 feet to reach the shaft. Work is now in progress in a diorite formation.

The Iron Mask. Crosscutting and tunneling is the character of work in progress in the Iron Mask. The company's new engine is in place and the present force of 35 men is to be increased as soon as additional power is furnished by the War Eagle company.

The Sunset No. 2. In Sunset No. 2 the work during the past week has been confined to drifting east and west from the 200-foot level. The indications at this juncture in the drift are excellent. Work is to be resumed on the shaft early in the present week and it is to be sunk another 100 feet to the 300-foot level.

The Good Hope. A contract has been let for the sinking of 60 feet more in the shaft, which is now down 55 feet. A pump has been installed and the work is being pushed. Later in the season the vein that runs on the Good Hope ground from the Good Friday will be developed.

The Poorman. No ore shipments were made this week, and very little work is being done. This has been delayed to await the arrival of Mr. Carlyle, who will formulate plans for the development of all the B. A. C. Properties.

The Great Western. New machinery is being installed for the improved working of the Great Western. There are lots of timbers on the ground for the shaft. The shaft has been straightened and sinking continues.

The Velvet. No shipments were made on the Velvet during the past week, although there is a vast quantity of ore in sight. Forty-five men are at work and development is being pushed vigorously.

The Buckeye. Men are sinking and continue to meet some fine bodies of ore and lively looking quartz. The Buckeye is located on the road to Trail, three miles from Rossland.

The Olin. No shipments have been made from the Cliff for several weeks owing to poor roads, but the regular force of men is employed and there is plenty of good ore at hand. Stopping is in progress.

The Jumbo. The tunnel is in about 900 feet and drifting continues in a southerly direction. An excellent body of ore has been encountered.

The Le Roi. There is plenty of activity at the Le Roi, and immense timbers for shaft work are on the ground. Splendid ore continues in the 600-foot drift west.

The Big Four. Work has been suspended on the shaft. It is the intention to start a tunnel from the lower railway on the Big Bend, one of the group.

The Good Friday. A force of 35 men are at work driving five tunnels that are heading toward the main vein.

The Josie. Sinking is in progress and a full force of men are at work. There is a quantity of ore on the dump.

The Red Point. The tunnel is in nearly 450 feet and two shifts are employed. Working continues in a heavy pyrrhotite ore.

The Mountain View. Tunneling is the principal work, and the showing is a good one.

The Abe Lincoln. Sinking continues with no change in the condition of the work.

The Victory-Triumph. Tunneling continues in a splendid showing.

The Coxy. The usual progress was made on the tunnel the past week.

## SCHOOL OF MINES SCHEME

### Plan Perfected for Advancement in Prospecting.

Subjects to Be Taught Will Include Geology, Mineralogy and Blow Pipe Analysis.

A meeting of those interested in the formation of a School of Mines in Rossland was held last evening in C. O. Lalonde's store on Columbia avenue west. Archibald Cameron presided, and explained that he and S. R. Reid had endeavored to organize a class to receive practical instruction in geology, mineralogy and blow-pipe analysis, and the idea met with so much favor that it was thought best to enlist the interest of the public and start the school on a more permanent basis by having a general meeting.

Mr. Lalonde made a stirring speech advocating the starting of the school, and the view of ultimately obtaining municipal and provincial recognition. He also called attention to the provisions made by the Ontario government in its school of mines at Kingston, and of practical science at Toronto, as well as the summer classes conducted by the government in Western Ontario, under the auspices of H. Hamilton Merritt. These classes had been instrumental in preparing for the field a distinctively improved body of prospectors. Mr. Lalonde had also conceived this idea of a school of mines of business had been unable to take it up.

H. Hastings, C. E., followed and gave an outline of the proposed field of study. Dr. Kerr and others joined in the discussion, after which a permanent organization was effected, to be known as the School of Mines, and the following officers were elected: President, C. O. Lalonde; vice-president, Dr. D. E. Kerr; secretary-treasurer, Archibald Cameron. The services of Mr. Hastings, as instructor, were secured and the following committee appointed to carry out the arrangements: Christopher McDonald, J. W. Boyd, S. R. Reid, E. A. Seaton, D. A. McLennan, A. L. Knox, Jay Benn, H. Daniels and H. Hastings. The school will be held on Monday, Wednesday and Saturday evenings of each week, opening next Monday at 8 p.m.

Another meeting will be held on Friday evening in the school room at the Imperial block at 8 o'clock, and those who wish to join are requested to be present, and in the meantime any information on the subject can be gained from the committee.

## MODENA SOLD.

Is to Be Worked by the Edgar Company of Rossland.

Another deal, representing a good round sum, was consummated yesterday when Richard Power of Trail sold to the Edgar Gold Mining & Smelting company of this city the Modena mineral claim. The property adjoins the Deer Park and Esmeralda, and will be worked by the Edgar company.

This company proposes to commence immediate development, and has increased the treasury stock from \$400,000 to \$550,000. Its properties now embrace the Modena, which adjoins the Deer Park on the southeast, the Esmeralda on the southwest and the Edgar on the west. Having in view the acquisition of their new property the company has not sold any treasury stock, and with the exception of 15,000 shares, the promoters' stock is held by four individuals.

The work already done consists of a 35-foot shaft in the Esmeralda, a 14-foot shaft in the Edgar, and a 60-foot shaft and 40 feet of open cut on the Modena. The property is about 1 1/2 miles south-west of Rossland, and is reached by a good wagon road.

The company is stocked for 1,500,000 shares, and it is proposed to confine the treasury stock to a few holders as possible, an individual having already subscribed to 100,000 shares. The officers are: Isaac Harris, president; George H. Green, vice-president and manager; Edgar Green, secretary. Captain W. T. Hall was manager up to the time of his death.

## FAR AHEAD OF BUTTE

### General Warren Speaks About Rossland's Progress.

### SALE OF THE GERTRUDE

A Montreal Syndicate Purchases the Property and Will Expend \$40,000 Immediately for Development—Work Already Done.

"While Rossland camp has been in operation only three years it is producing more money than Butte did after running ten years. There will soon be an army of men employed here. It will be the great mining and industrial center of British Columbia, and its future is simply a question of development and economical ore reduction. The foam and froth have vanished, the camp is gradually drifting into the hands of thorough and practical mining men, and the wild-catters and hood-owks have gone forever—perhaps to Klondike."

So says General Charles S. Warren, who has just returned from Spokane. He has had much to do with getting the B. A. Corporation interested in the Rossland camp, and some of the earlier sales were made through him. General Warren says he has no connection whatever with the British America corporation, and is consequently unable to speak of their intentions. However, he says this about the company:

"It is my judgment that the B. A. C. will do more for Rossland in the shape of development and the employment of labor than all other companies operating here. I know more or less of the men connected with the corporation, and no mining men in the world possess the confidence of the public to a greater extent. It is second to no corporation on the continent, and judging from what its members have done in Australia, South Africa and the States, with other companies it is only reasonable to suppose that they will keep the pace in Rossland and others will follow."

"You will note a wonderful activity during the coming month, for the corporation has invested over \$1,000,000 already in Trail Creek properties, and it is thoroughly equipped with money and a staff of miners, second to none, and surely deserve success."

## THE GERTRUDE SALE.

The Gertrude will soon be another of Rossland's shipping mines, and \$40,000 is to be expended immediately on its development. Clarence McQuaig has purchased the property for Montreal parties. They have paid \$5,000 cash and agree to re-incorporate and take 51 per cent of the stock for \$50,000 and give the Gertrude company 49 per cent. All the cash is to be paid for the off-ground ledge mine, which is located a short distance northwest of the Le Roi mine, has been lying idle for many months past. The work done consists of 50-foot double compartment shaft, and a 20-foot ledge mine 35 feet in width. Development will be commenced as soon as the weather will permit. Spokane people interested are Judge Mount, A. Beamer, A. B. Raiton, E. L. Tait, H. W. Bonne and John A. Murphy.

## MINING NOTES.

The London and British Columbia Goldfields company, who own the Ymir mine, have declared a dividend of one shilling per share, equal to 10 per cent on the paid up capital.

The Tamarac Mining company, in the Ymir district, will erect a five-stamp mill on the site of the old mill at the mine. There is sufficient ore being taken out to pay all working expenses.

J. D. Anderson, P. L. S., of Trail, has completed the survey of and made applications for crown grants for the Longwood fraction, Eastern King, Pink Agnes B. fraction and Duluth mineral claims.

In the office of the Keystone Mining company there is some excellent ore on exhibition. It is from the Keystone property, situated in the Burnt Pass in the northern portion of the Trail Creek division. The ore from the Keystone is similar in appearance to that which comes from the Le Roi. It carries considerable iron and \$12 in gold. The vein on this property is nine feet in width.

E. N. Oumette has in his office in the postoffice block some fine looking galena ore which came from the Red Horse and Bald Eagle claims on Deer Creek near Northport. The ore came from the surface and was from veins which are from 18 to 30 inches wide on the surface. These claims are the property of John Thomas. Considerable development work has been done on this property, but not on the vein from which the galena ore has been taken.

## Diamond Dust and Noonday.

Several residents of Rossland have incorporated the Abbotsford Gold Mining company, limited. The object of the incorporation is to operate the Diamond Dust and Noonday mineral claims, which are located next to the Commander. The incorporators and directors are Arthur Marsh, O. A. Baldwin, H. C. Felloes, Edward Ballie and Daniel Haller. The officers are: Arthur Marsh, president; H. W. Felloes, vice-president; Edward Ballie, secretary-treasurer. The capital stock is \$1,000,000, divided into shares of \$1 each. The directors hope in a very short time to begin operations on the property. One of the first things that will be done is to sink to a depth of 100 feet. There is a fine surface showing, but the formation is broken somewhat, and there will have to be some preliminary surface work done before sinking will be commenced.

## THE COBEIN CHARTER.

### The Minister of Railways Seems to Favor Granting It.

OTTAWA, Ont., March 29.—The application of the Kettle River Valley Railway company for a charter into the Boundary Creek country came before the railway committee this morning. Hon. Mr. Blair, the minister of railways, dwelt upon the immense value of the deposits in the Boundary Creek country and thought that perhaps a good deal could not be found in any other part of Canada. To his mind the idea of refusing connection to the south of us was an exceptional proposition. It seemed to him to refuse connection with the American roads would be a most serious contradiction of the policy of Canada during recent years. He had no feeling adverse to either the Grand Trunk or the C. P. R., but if the Boundary Creek country called for development, independent of both these roads, he would give his vote for the public interest rather than to further the private interests of these great systems. He had some faith in the power of the governor-in-council to control the railway rates, but more faith in active competition, and it was for this reason that he would give the Grand Trunk an opportunity of entering southern British Columbia, even if it had to get rights over an American line to do so. "Will this keep us from holding Canadian trade? We are already holding it against more dangerous competition. If the principles of the bill were adopted he would move to incorporate a provision which would effectively guard against shipping our ores out of Canada for smelting. If facilities can be found in British Columbia."

J. Ross Robertson, of Toronto, was not prepared to sit at the feet of Sir William Van Horne and learn patriotism. "I have little faith in their spoken promises," he said, "and their written promises are no more reliable. The committee adjourned at 1 o'clock."

## STOCK MARKET IS ACTIVE

### The Feature of the Week Was the Movement in Mugwump.

A Big Block of Josie Disposed of at a Good Figure—Deer Park Is a Favorite at Trail Cent.

The stock market has been lively during the past week, and the chief feature was the movement in Mugwump. It has been claimed that there is a movement on foot to secure control of a majority of the Mugwump stock in the interest of the War Eagle management. This statement is denied, however. A large number of the shares of the stock were picked up during the past few days at from 3 to 3 1/2 cents per share. An effort was made by some of the holders of this stock to get more than this, but 3 1/2 seemed to be the limit that the parties who are endeavoring to secure control are willing to pay. Blocks of as large as 12,000 shares were sold to the parties who are gathering in the Mugwump stock. The property is said to have considerable merit, but it was poorly managed by its former officers. This was so much the case that the company was a few months since reorganized by its stockholders.

There was quite a demand for Josie from eastern Canada during the week, and a block of 12,000 shares was sold to Toronto party for 27 1/2 cents per share. There has also been quite a demand for Monita since it was learned that the management of the War Eagle Mining & Development company had obtained control of a majority of its stock. This stock sold freely in the east during the week for 18 1/2 cents per share. It is claimed that the Monita will not be made a part of the War Eagle holdings, and that it will be operated as an independent company. There was quite a demand for Salmo Consolidated during the week, and in that period 27,870 shares were sold. The orders come principally from eastern Canadian towns.

Deer Park was also a favorite and there were quite a number of transactions at an average of about 15 cents. If the strike in this property is as good as it is reported to be by a large stockholder, who recently inspected the ore bodies in the 150 and 200-foot levels, Deer Park shares should go higher.

War Eagle was in good demand at from \$1.25 to \$1.30, but there were little or no transactions for the reason that the market seems to be bare of this stock, or because those who hold the stock bought it with the intention of making investments.

From the manner in which properties are being taken over by strong companies it is evident that there will be but few left that are of value in the hands of those who are unable to handle them in Trail Creek division by the time the present season is over. Capital seems to stand ready to take hold of and develop mineral properties of any fair degree of merit that are held by companies or individuals who are not in a good enough financial condition to operate them. The trend of affairs indicates that the coming open season will witness in this division a degree of activity that will be simply wonderful, and one of the conditions of this energy will be a lively stock market.

## Alfred Austin's Poem.

LONDON, March 28.—All the morning papers give prominence to a poem by Mr. Alfred Austin, the poet-laureate, which appears under a brief extract from a New York dispatch recording a feeling in favor of an Anglo-American entente. The poem is as follows:

"What is the voice I hear  
On the wind of the Western seas;  
Sentinel listen from out Cape Clear,  
And say what the voice may be."

"'Tis a proud, free people calling,  
Calling loud to a people proud and free,  
And it says to them, kinsmen hail,  
We severed have been too long.

Now let us have done with a worn out tale,  
The tale of an ancient wrong;  
And our friendship last long as love doth last,  
And be stronger than death is strong."

## FROM OTHER CAMPS

### The Antoine Will Declare a Dividend Next Month.

### CONSOLATION ALL RIGHT

Prospectors Are Beginning to Get Into the Mountains—A Half Interest in East Kootenay Properties Sold to an English Syndicate.

The news from the other camps this week indicate a great deal of activity. One of the features is a strike that has been made on the Consolation placer property on French creek in the Ainsworth district. Prospectors are beginning to resume operations, and the fact will be found chronicled below that several prospecting parties have started out to look for new finds on the north fork of the Kettle river.

## SLOCAN DIVISION.

The Payne mine in the Slocan is at present working a force of 70 men. As soon as the regular water supply is available, the force will be largely increased. George Alexander of Kaslo has purchased the Full Hand Show Down mining claims on Goat mountain in the Goat river mining division.

The work on the double compartment shaft of the Galena Farm in the Slocan district is to be resumed, and an extra force of men will shortly be engaged. It is stated that the sum of \$125 will fully cover the expense of repairing the damage done on the Noble Five tramway by the recent snow slide.

Eight inches of clean ore are found in the tunnel of the Conductor, near the Queen Bess. Five men working on the Rainbow near Slocan City, in three weeks have taken out 100 sacks of ore. J. M. Harris says that he will soon ship to Swanssea as an experiment, about 100 tons of zinc ore. He expects the shipment to run something near 60 per cent zinc, with a considerable silver value.

Development work was started up on the Goodenough at the beginning of this week with a force of eight men. Close on 300 feet of tunnel work has been put on the Westmont, Ten Mile, by Frank Griffith. Last week a strike was made, the paystreak being three inches of galena ore.

Dr. D. Bell-Irving was in New Denver last Friday after spending some days at the Gomstock mine, Four Mile. He reports the property looking as well as the owners could wish. Twenty-five men are at work and preparations are being made to erect a concentrator there.

The Antoine will finish up the month with a record of five cars of rich ore, as a result of which a substantial dividend will be paid during the early part of next month. Manager Ryan, who was in town yesterday, says the mine is looking better than ever before. He will probably ship six or eight cars during April.

## NELSON DIVISION.

A. L. Davenport, owner of the Poor-man mine, arrived in Nelson a few days ago, and went out to inspect the property, with a view to resuming operations.

During the course of digging a foundation for a new house on a lot in Nelson belonging to Constable Ince, a fine mineral vein showing considerable galena was uncovered. Mr. Ince at once re-recorded a claim.

The Fern made a shipment of gold bullion to the United States mint last week. The clean-up from the plates was most satisfactory.

## REVELSTOCK AND TROUT LAKE.

A great number of Fish creek claim holders are waiting about for the snow to get off a little so as to allow them to get up to work on their claims and there is no doubt but that a number of good properties will be opened up this summer.

Messrs. Bullard, Sumner and Ritchie will continue work on the Copper Lade group. A 30-foot tunnel was run on this property last fall, and the boys are very much pleased with the showing. The Glengarry claims will be worked by an English company. This property is considered one of the best in the district.

Work will also be pushed on the Kit-say and Nellie group on Lexington creek. A number of claims will be worked on the Moscow and Mohawk lead, and it is expected that the Moscow will make a shipment before long.

The Larlean Goldsmith company will start work on the Ophir group as soon as possible. The Agnes and Black Bear groups on Pool creek will have considerable work done on them. These claims have a good showing. Messrs. Bailey and Gainer are around waiting to go up to the Sultans group. This group has a very fine showing, and is situated near the well known Great Western claims very near the Northeast Arm, and best for shipping ore, which they expect to do at no distant date. A shaft will be sunk on the Copper King, a property which runs 30 per cent in copper.

## AINSWORTH DIVISION.

J. Sweeney and the party of miners working on the Consolation on French

creek have got through the slide opposite the mouth of Halliday creek, and in the first four buckets taken out of the pay-streak close up to their lagging took out \$29.79 in coarse gold, including one nugget worth \$10.

The Kaslo-Slocan Development company, limited, last week consummated the purchase of a promising group of White Grouse mountain claims, known as the Copper Star group. Mrs. Jennie E. Harris, S. D. Landecker and J. J. Casey sold the property, taking stock in the company and becoming officers and directors. The group consists of the Copper Star, Grey Copper, Haultonian, Klondike, Alaska and Petra.

The Nip & Tuck and Stanley claims, situated near Whitewater, and owned by Duncan McDonald, are to be sold by Deputy Sheriff Robinson, at the court house here on April 4, to satisfy a judgment in favor of J. A. Turner & Co. for \$100.

A petition was circulated recently by Madison & Hicks and Carl Nelson and forwarded this week to Victoria for an appropriation of \$7,000 for the extension of the wagon road up the South Fork of Kaslo creek, seven miles above the Montezuma mine. It was signed by 320 free miners.

A deal is pending on the Hootalinkwa claim, near the Whitewater mine, between the owners and some Montreal parties. It is the intention of the prospective purchasers to start development work on the property at once if the sale is consummated.

The Montezuma has closed down the mill and all the upper workings of the mine. The force retained will push the lower crosscut ahead with all possible speed. It is estimated that it will cut in about 95 feet.

## THE BOUNDARY COUNTRY.

Extra men are being sent out to work on the Golden Crown, Wellington camp. As many men as can be worked to advantage are being kept at work.

Five men are working on the upper tunnel on the Non-Such in Smith's camp. The tunnel is in 140 feet, and it is intended to run in 300 feet. The work now being done is on the lead. When the tunnel has been run 300 feet it is the intention to connect the upper and lower tunnels with a shaft.

Con Cosgrove and J. J. McMullen have a force of men at work on the May Queen and Lay Over, Hardy mountain. These claims are near, or in Wellington camp, and the same quality of ore is found in the ledge of the May Queen as that in the Winnipeg.

J. P. Harlan went up to Deadwood camp on Thursday to inspect the work being done on the Marguerite, and outlining a plan for future development on the claim. It has been decided to sink from the prospect, following the ore body, a distance of about 50 feet. This will probably complete the work for this season. Mr. Harlan is well pleased with the results of the work so far done, and has no doubts but that the Marguerite will prove to be a mine.

On the Old Ironsides in Greenwood camp, work is still being pushed on both shaft and crosscut. The crosscut from the 100-foot level has been run 60 feet in ore and the hanging wall has not yet been reached. Twelve men are employed running two shifts. A new pump was ordered the past week. The machinery ordered some time ago for the Knob Hill, it is expected, will be on the ground some time in April.

Assessment work is being done on the Kankakee, Skylark camp, by H. Hansen and Geo. Inkster.

The contract for building the cabins on the Sunset in Deadwood camp has been let to Mr. Palmer of Greenwood. Several prospecting parties have fitted out and started for the North Kettle River country.

## EAST KOOTENAY.

Messrs. Wakefield, Farrell, Thies, Morris and others have sold a half interest in the following claims to a large English company: Rebecca, Nettie, Montreal, Ottawa, Quebec, Point Levi, Silver Reef and Hammer. The conditions of the sale are, that \$45,000 shall be expended during a period of three years, \$10,000 each year on the property, and \$5,000 in cash to the owners. These conditions will convey to the syndicate a half interest in the property. Work will be commenced as soon as the season will permit.

Alex Polson has conveyed a one-third interest in the Standard, Coronado and Arena claims to J. D. Eldendorf of Spokane. This transfer is only the conveyance of one owner to the other as per agreement in relation to the outfitting of the prospectors who discovered the property.

"Lardo Jack" Macdonald has sold the Freeman claim to an English syndicate. The property is situated on Tracy creek. A prospecting party will shortly leave Golden for the Canal River district.

A strong composed of Messrs. Pink, Thies, Shepard, Ross, Hercher and others have applied to the government for a lease of six miles of rich placer ground on Ferry creek.

The Movie Placer company had a formal meeting of stockholders recently, it was voted that active operations be commenced as soon as the season will permit. There is no doubt that the ground held by this company is very rich, with every convenience as to water and timber.

Albert Bank has sold the Maple Leaf, situated on the North Star hill, to N. E. Lindsay of Spokane.

S. R. Frazer has sold an interest in the Alpha, East Kootenay, Barst and Edith claims, to J. K. Mackintosh. These claims are situated on Pyramid creek, a tributary of the St. Mary's river.

Vehicles Running on Wheels. Among the signs of spring that are strongly in evidence at present is the fact that several vehicles have been taken off runners and are now being run on wheels. Here and there the ground is bare, and it would take a chinook only a few days to completely do away with the snow.

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THE GOLDEN CITY

Immense Wealth From the Mines of Rossland.

MR. CARLYLE'S REPORT

How the Output of the Mines of British Columbia and West Kootenay in Particular, Have Increased Ready Capital for Investment.

The annual report of the minister of mines for the year 1897, detailing the mining operations of gold, silver and other minerals in British Columbia, has been submitted to the legislature. It is an extensive compilation of facts and figures, introduced by what is perhaps the last report of William A. Carlyle, provincial mineralogist, whose services will in the future be enlisted with the British America corporation.

Mr. Carlyle shows the total product of the province up to the year 1898, to be of a value of \$112,418,485, as follows:

Table with 2 columns: Mineral, Value. Includes Gold, Silver, Lead, Copper, Coal and coke, Building stone, and Other metals.

The rate of increase has been steady from 1890, when it amounted to \$2,608,000 to 1897, when it reached the splendid sum of \$10,455,000, and these results are more gratifying in the fact that the output of 1897 exceeded that of 1896 by \$3,000,000. In East Kootenay and in West Kootenay it was \$4,022,735, while the magnificent increase for 1897 is shown of \$1,637,796 in East Kootenay, and \$8,765,703 for West Kootenay.

Interesting Capital. Mr. Carlyle refers to the great interest of English capital in British Columbia mines and the demand for gold and silver properties. It is shown that the mining resources of the country are becoming yearly more valuable and that British Columbia can now claim a place among the mining countries of the world, and that, with favorable climatic and natural conditions, excellent laws and good government, and rapidly extending means of transportation, and cheaper treatment of ores, many opportunities for the careful and proper investment of money are now here afforded.

There is a new Richmond in the field in the firm of C. O'Brien Reddin & Co. Mr. Reddin having sold out his interest in the Reddin-Jackson company, limited, has gone into the brokerage business for himself and has taken in his brother, William Irving Reddin, as a partner. The new firm, hung out its shingle on the outer walls of the Burns block, yesterday, where it has established itself on the ground floor, in the quarters formerly occupied by the board of trade. C. O'Brien Reddin is the oldest mining operator and broker in the city of Rossland. It was in May, 1895, that he began business here. In March, 1896, C. F. Jackson bought a half interest in the business and the firm name was changed to Reddin & Jackson. The firm prospered and in October, 1896, it was incorporated as the Reddin-Jackson company with a capital stock of \$20,000. The corporation has been very prosperous and has put through a number of big mining deals and has sold hundreds of thousands of dollars worth of stock. On the 23rd of the present month Mr. Reddin sold out all his right, title and interest in the Reddin-Jackson corporation, and in connection with his brother, W. I. Reddin, has embarked in business under the firm name of C. O'Brien Reddin & Co.

A word as to the personnel of the new firm. C. O'Brien Reddin is first of all a practical miner of many years' experience in different parts of the world. He has a most intimate knowledge of the mines of the camp, for the reason that he has watched many of them from the time that work was first begun on them, and he has also kept in close touch with the development work that has been done. The result is that he knows the various mines of Trail Creek district like an open book. In the matter of the shares of the several companies that are operating in this division, C. O'Brien Reddin is considered an authority, and no one in the camp knows better where to lay his hands on the shares of a company when they are in demand than he. He has made the matter a close study. As a mine promoter, the ability that he has shown in putting through several deals of the largest magnitude, reveals that he has a marked capacity in that direction. While he was east he established valuable connections in Toronto, Ottawa, Montreal, Philadelphia, Chicago and other cities. These connections will give the new firm special facilities for the promotion of mining deals and those who have developed or partially developed mining propositions that will stand examination would do well to list them with it. It already has orders on hand for promising gold-copper and silver-lead properties of a meritorious character. C. O'Brien Reddin will give most of his attention to the mining promotion part of the business. W. I. Reddin will handle the real estate, stock and loan parts of the business for which he is eminently well fitted. W. I. Reddin was born in Canada, but received his business education in New York City where he has resided for several years past. During the past two years he has acted as the agent of his brother in the transacting of mining business.

The office of the new firm is in the Burns block, at 13 East Columbia avenue, and those who desire to invest in Rossland securities or to purchase mines in this and adjacent camps should correspond with it.

These figures represent the actual yield value returns of the ore as paid for by the smelters, or 95 per cent of the assay values in gold and silver, so that there should be an additional five per cent added to the total, or \$205,000, which would make the actual output for the past four years of \$4,525,000. In addition to these enormous figures, it must be remembered that today there is ore on the dumps to the value of \$1,000,000.

Condition of Mining. "More pay ore is now in sight than at any time in the camp's history," says Mr. Carlyle, "and the writer still holds to the belief that it is quite impossible that the large shutes of rich ore that have been shown on the surface by denudation, will be found to be the only ores."

As to the vexed question of Rossland ore increasing in value as greater depth is attained, it may be said that the shutes of pay ore that have been mined from near the surface downward, are not showing higher values in depth, but are maintaining well the gold values. It must be remembered that two years ago that could not be worked two years ago is now being treated at a profit, with the inevitable result that, as low grade ore is shipped, the tonnage greatly increases, but the average values decrease. On the other hand, if in sinking a new ore shute is reached, it is only natural and consistent to expect that the low values first found in the outlying portions, or the fringes, of the replacement ore bodies, should increase as the heart of the ore shute is reached, and in such instances as this value does increase with depth. In these ore deposits formed by replacement or impregnation of the country rock by mineralized waters passing up and along relatively small channels, it is proper to suppose that the richest ore, in most cases, will be the most distant ore will be of decreasing value directly proportionate to this distance. That this is so is very evident in the Le Roi, where the core, or the heart of the ore shute, is found to be of the richest grade, running from 2.6 to 4.5 ounces of gold, two to four ounces in silver per ton, and five to seven per cent copper. The ore body in the Le Roi has been found to maintain its high values to its present depth of over 700 feet.

The report deals extensively and in detail with the various mining districts of Kootenay, and is a work of much interest.

A NEW FIRM OF BROKERS It is known as C. O'Brien Reddin & Company. It has splendid connection and is run by men of experience in the Mining Business.

NEWS OF THE COAST

Victoria Bitterly Opposed to Giving Corbin a Charter.

INSULTED BOARD OF TRADE

The Salmon Pack For the Past Season Was Over a Million Cases—A Victoria Man Stakes a Valuable Place Claim on Walsh Creek.

VICTORIA, March 24.—Mr. Corbin's application for his Kettle River Valley railway charter has created no less interest in British Columbia than it appears to have excited in Ottawa. The resolution opposing the granting of the charter passed by the British Columbia legislature meets with the very strongest approval there. Much indignation is expressed on the street today over Mr. Corbin's reported insinuation that the action of the boards of trade of Victoria and Vancouver was inspired. The president and members of the British Columbia board of trade, when spoken to today expressed the strongest disapproval of what they termed Mr. Corbin's gratification. With the exception, it was stated, that when the question of such a charter was first mooted it appeared to meet with immediate and almost universal opposition, which has grown steadily, so serious must be the consequences to the trade of British Columbia particularly. If such a line were built it is felt that not only would such a line tend to increase the introduction of American merchandise, but would mar the produce of a district a market for the farming district of the Northwest and the farming district of the Northwest and the farming district of the Northwest.

He Says the C. F. R. Has Shown Good Faith Toward Rossland. As a result of the meeting in the city hall Thursday evening, at which a resolution was passed condemnatory of the provincial legislature in voting its opposition to the K. E. V. charter, Mayor Wallace yesterday received the following telegram: H. S. WALLACE, Rossland, B. C.: I understand efforts are being made to create sentiment in Rossland favorable to Corbin's proposed Kettle River road. In view of the fact that the Canadian Pacific company has promised to build the line from Robson to the Boundary Creek district this year, Rossland, in common with every other point in British Columbia, is interested in promoting the line from the Canadian line and Canadian points to territory south of the boundary line. Are we not justified in assuming that our policy with reference to the retaining of the smelting business for Canada, as illustrated in the case of Rossland and the Trail smelter is sufficient evidence of the earnestness of our effort to establish smelting centres in British Columbia, to the advantage of the mine owners as well as all other citizens. I hope Rossland will raise its voice against Corbin's scheme. T. SHAUGHNESSY.

Kettle River Valley Ry. Incorporated. Articles of incorporation of the Kettle River Valley Railway company have been filed at Spokane. The incorporators are Austin Corbin 2d and E. J. Roberts, and they, with Jay H. Adams, are named as the trustees of the company. The capital stock is \$1,000,000, divided into 10,000 shares. The objects of the corporation are stated to be to construct a railway from some point on the Spokane Falls & Northern railway between Marcus and Northport, and extending westerly through the mine reservation. The building of this line as projected by the articles of incorporation depends, it is said by the officers of the company, on whether a charter is obtained from the Dominion government allowing it to build into the Boundary country. If the charter is not granted it may be probable that the line will be built over another route to Republic camp.

Over a Million Cases Packed. Statistics of the British Columbia salmon pack for the last season, just completed by Messrs. R. P. Rithet & Co., give the following totals: Fraser river pack 860,459 cases, Skeena river 65,905, River's inlet 40,207, Naas river 20,847, Lower inlet 10,666, Namu Harbor 4,357, Alert Bay 8,602, West Coast V. I. 4,434. Total pack for the season 1,075,477 cases, as compared with 601,570 during last season. The shipments were as follows: By sea to England 733,704 cases, overland 43,330, to Eastern Canada 130,815, to Australia 27,379. Salmon dealers have stocks amounting in all to 74,000 cases yet on hand.

The steamer Navarro arrived from the Sound this morning, and after her 98 passengers had secured licenses she proceeded northward. The Tees and Centennial will sail for Alaska ports this evening. The former will call at the British Columbia way ports en route. Each will have about 40 passenger, including many bound to Omineca and other parts of British Columbia.

Made a Rich Strike. From a letter received from W. H. Burkholder of this city, who left last fall for the Klondike gold fields, it is learned that he has located and staked off a claim on Walsh creek, near the Big Salmon. Mr. Burkholder was encamped for the winter with 40 others in the vicinity, and when the news of his strike reached them, the stocks of the strike vicinity, which takes its name from Phil Walsh, brother of Major Walsh, administrator of the Yukon. Mr. Burkholder reached below zero. He staked off claim 14, and on prospecting it found coarse gold on the surface, and in the gravel nuggets about the size of peas. He is of the opinion that he has made a rich strike, and when the letter was written, on 18th of last month, was about to commence development work. He says there has been quite a stampede to that creek, and when the letter was written they were still coming in.

Mining Notes. The Reddin-Jackson company, limited, Saturday sold a block of 50,000 shares of Joeise on an order received from Toronto. The price paid was 27 1/2 cents per share.

DISCUSSED THE TRUCK ACT

Make It Much More Stringent and Impose Minimum Penalties.

A special meeting of the Rossland Trades & Labor Council, called by the executive committee, to discuss the Kellie Truck Act, was held Thursday in Beatty's hall. The different labor organizations in the camp were fully represented, and the bill was discussed section by section in a most thorough and exhaustive manner, several clauses being struck out entirely and many others altered so as to make the bill more stringent.

In the clause defining employer there was no reference whatever made to companies, and this no doubt might have permitted a company to run a boarding house. In another section a maximum penalty is imposed for a breach of this act, and no provisions are made for inflicting a maximum penalty which was left to the discretion of the magistrate before whom the case would be tried, and who might have inflicted a merely nominal fine. This was remedied by the clause a minimum penalty.

Mr. Kellie forwarded to the Miners' Union and the Trades and Labor Council copies of the act, and desired these bodies to discuss and make any suggestions or alterations which they thought proper, and to inform him of the changes made.

The act as amended by the council will be typewritten and copies forwarded to Mr. Kellie and Mr. McPherson, the labor member for Vancouver. The labor council of Rossland is not acting rashly in the matter, having obtained legal advice with regard to the proposed amendments. It may be interesting to state that if Mr. Kellie had already desired a prominent lawyer in the camp to draft a bill on the lines of the English Truck Act, and which had been asked to introduce in the house, the Master and Servant Amendment Act introduced by Mr. McPherson of Vancouver, was endorsed by the council.

FROM MR. SHAUGHNESSY.

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SOME OF THE

Best Mining Propositions

IN THE Kootenay Country

AT PRICES RANGING FROM \$5,000 to \$50,000

ARE NOW LISTED WITH ME.

We deal directly with owners and handle only property which will stand the test of careful examination. Two specially promising groups of GOLD-COPPER properties on Easy Bonding Terms.

CORRESPONDENCE SOLICITED.

D. D. BIRKS,

P. O. Box 447. Rossland, B. C.

Imperial Block

NOTICE.

The public is hereby warned against buying stock certificates Nos. 149 and 150 for 500 shares each, and Nos. 850, 851, 852, 853 and 854 for 200 shares each of the Royal Gold Mining company, which were stolen in the recent mail robbery at Rossland, B. C.

D. D. BIRKS, Secretary.

J. L. PARKER, Consulting Mining Engineer.

JOSEPH B. DABNEY, Mining Broker.

DABNEY & PARKER

MINES AND MINING.

Mines Examined and Reported On. Special Attention Given to the Placing of Mining Properties and the Management of Mines.

Cable Address: "Parker," Rossland. Moring & Neal's and Bedford McNeill's Codes.

Burlington Route

CHICAGO MONTANA, IDAHO AND PUGET SOUND

A. C. SHELDON, General Agent, 250 Washington St., PORTLAND, ORE.

Lion Brewing Co., Limited,

ROSSLAND, B. C.

The LARGEST BREWERY in British Columbia is now ready for business. Manufacturing LAGER BEER AND ALL KINDS OF CARBONATED BEVERAGES.

LOUIS BLUE, President. S. DESCHAMPS, Secretary. Telephone No. 54, for Our Celebrated Bottled Beer.

S. Thornton Langley & Co.

Mining Investments and Shares.

The Royal Five Gold Mining Co., Ltd. Established March, 1895. Columbia Avenue, Rossland, B. C.

Get our list of properties for sale with engineer's reports. We can make money for you. Profitable investments are our forte.

C. J. WALKER, 108 Bishopsgate Street (Within), LONDON, E. C.

London Agent for the Rossland "Miner." Receives advertisements of all kinds for European press. Rates quoted. Contracts at special prices.

E. W. LILJEGREN, Ex-Superintendent of the Le Roi Mine P. O. Box 446. Rossland, B. C.

CITY

Mayor

\$50,000

It is Not Fire Colum

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CITY NEEDS MONEY

Mayor Wallace and Aldermen Clute Discuss Debentures.

\$50,000 TO BE RAISED

It is Necessary to Complete the Sewer System, to Equip and Maintain the Fire Department and to Move the Columbia Avenue Bluff.

The city council will meet soon for the purpose of considering the matter of issuing debentures to raise money with which to carry on certain public improvements which are necessary. By that time they will have an estimate from Wm. Harp, city assessor, as to the probable amount the city will derive from taxation and can better judge as to the sum that will be necessary to raise by means of debentures.

Mayor Wallace was seen yesterday and asked what sum would be borrowed on debentures. He replied that it was uncertain as yet. At the meeting on Tuesday the council would be better informed than it is at present, for the reason that the estimate of the city assessor as to the amount that can be raised by taxation would be available. The bylaw authorizing the issue of the debentures will be prepared with the figures placed left blank and the council will go into committee to consider and then debating the matter thoroughly, will fill in the blanks with the amount determined upon.

Alderman John S. Clute, Jr., was next seen in relation to the matter and said: "I think that at least \$50,000 will have to be raised for the public improvements that are absolutely necessary. The amount to be derived from city taxes will be from \$15,000 to \$18,000, and this will not be more than sufficient for current expenses. It is the intention to equip and maintain the fire department in such a manner that it will be able to cope successfully with a large fire. Adequate fire protection, all will admit, is an absolute necessity. It is far better to prevent a big fire than it would be to be careless in the matter of the department and to furnish fire protection only after we have had a destructive conflagration. In other words, it is better to lock the stable door before the horse is stolen. Another thing that is almost absolutely necessary for the health of the city is to complete the sewer system. In order to do this some branch sewers. Then there is that bluff in the eastern portion of Columbia avenue, which ought to be removed to the end that the main thoroughfare and business street of the city may be what it should be. There will be some objection to this improvement, but I think that it is necessary that this be done if this city is to maintain the supremacy it has attained in this section.

Rosland is a fine residence place. Its climate is healthy and the weather never becomes disagreeably cold, although the winters are a little long, and it is destined on account of its superiority to most mining camps as a pleasant residence place and the richness of its mines to be a city of many homes. That it stands well among financiers is evidenced by the fact that its debentures are sought after and that money can be borrowed on its real estate. This is not the case in many other mining camps.

Of course, the matter of issuing this \$50,000 worth of debentures will have to be voted on by the people, and if they do not desire to have them issued the bylaw can be voted down. If, however, they wish to keep abreast of the times and make the city healthy and pleasant place of residence for those who are here and the larger throng that is to follow, they will vote for the issuance of the proposed debentures. I think that \$50,000 will be a sufficient sum and a larger sum might be borrowed and used to the city's advantage."

Wasco Group Is All Right. Alexander Sharp, in charge of the work on the Wasco group, which is being operated by the Wilkinson syndicate of London, Eng., arrived from the group Thursday. The Wasco group is located on Beaver creek, near Champion station on the line of the Nelson & Fort Sheppard railway. The work that is in progress is on the Franklin, one of the seven claims in the group. A shaft is being sunk that has attained a depth of 40 feet. In the bottom of this shaft there is a two-foot ore vein. Mr. Sharp brought some of the ore from the shaft with him and had it assayed here yesterday, and this revealed that it went \$24.09 to the ton in gold, silver and copper. The principal values are in gold and copper. John J. McKane of this city, represents the Wilkinson syndicate in this section.

Lardeau-Goldsmith Mines, Limited. S. Thornton Langley and Smith Curtis report the sale of 70,000 shares of the Lardeau-Goldsmith Mines, limited, and have negotiations pending for the sale of 50,000 more shares. The exceptional merit of this company's property and the high assays, ranging from \$200 to \$800, the low capitalization and moderate price of shares, makes investment in the latter very attractive. The company's charter was issued on the 22nd inst. and the first meeting of the company is to be held in Rosland next Thursday, when organization will be completed and officers elected.

Roslanders Invest. Dr. Byrnes, F. W. Roll, Ross Thompson and Dr. Keller have purchased two claims in Eureka, and six on Terezo creek, adjoining Eureka. They have sent a force of men out to develop the properties, and from surface indications they are satisfied that the investment will prove a profitable one.

All are of the same character and showing as the Republic, and they join some claims which are under bond by the Canadian Exploration company.

KIRKUP'S SUCCESSOR.

It Will No Doubt Be Constable Hoosen, of Rosland.

There has been much speculation, since the announcement that John Kirkup was to be appointed gold commissioner, as to the identity of the man, who would succeed him as recorder. There are already many aspirants with an anxious eye on the coming vacancy, and there will be more.

It is understood that Mr. Kirkup will enter upon his duties as gold commissioner about July 1, which is the commencement of the fiscal year. The boundaries of the new division have not yet been defined, but it will take in Southwest Kootenay and Southeast Yale, and will perhaps be known as the division of southern Kootenay. It is understood that the boundaries will be from the North Fork of the Salmon and over to the Christina lake country with the Kettle river as the Western boundary. There is nothing definite as to this, but this is taken as the approximate boundaries.

If the line of promotion is honored, and it is the promotion for which Provincial officers are looking, Constable J. E. Hoosen, of Rosland, will succeed Mr. Kirkup. He has been faithfully at his post for three years, and recognition of efficient service will result in the promotion he has so well earned.

THE MINER'S MAP.

It Will Be Issued in About Two Weeks From Date.

THE MINER'S map of Rosland will be issued in two weeks, and already a number of orders have been received. It is a map and a birdseye view of the city combined. It will show the exact position of the city and its relations to its environments. It takes in an area of 25 miles square. The streets, the principal buildings and other features of the golden city are fully shown. The mines, the ore dumps, compressor plants and shaft houses will also be pictured. The roads, trails and railways and the routes by which they approach the city are all plainly pictured. The hills, mountains, valleys and level places are very clearly shown. The elevations of the mountains are also given. A key map showing the boundaries of the mines and mining claims is printed in one corner of the map. The key map was compiled principally from the very reliable map of J. A. Kirk. It will be printed in five different colors, and this by the blending will in turn produce other secondary colors and shades, and the entire effect will be most pleasing to the eye. This is just the sort of a map to send to your eastern friends, as it will give them a better idea of the country in which you live than volumes of description. The price is \$1. The first edition will contain 7,000. The rule in regard to these maps is first come first served and those who send in their dollars now will be the first to receive the maps.

CERTIFICATES OF IMPROVEMENTS

It Is Not Necessary to Advertise Each Claim Separately.

In September last the Honorable Mr. Justice Drake rendered a decision in relation to the advertising of claims, wherein he clearly laid down the law that, prior to an application for a certificate of improvements, each claim of a group would have to be advertised separately. The result of this construction was deemed to be unnecessary, and the provincial legislature has passed a bill remedying the requirements as set down in the decision. The bill in regard to the certificate of improvements on a group of claims can in the future be made under one advertisement. The bill is made retroactive and the recorder is therefore empowered to grant the certificate for any claims so advertised, both prior and subsequent to the passing of this bill.

THE PILGRIM SOLD.

It Has Virtually Been Acquired by the War Eagle.

The transfer of John R. Cook's one-fifth interest in the Pilgrim mineral claim to the War Eagle company, practically gives that company the control of that claim, and completes important negotiations which have been in progress lately for the acquisition of properties which are especially valuable in the working of the War Eagle mine. The transaction was closed last week at Spokane, by J. B. Hastings, manager of the company, on behalf of George Gooderham, to whom the interest was assigned. The other interests are held by Messrs. Austin, Savage, McInnes, Thompson and McArthur. Most of these gentlemen have given the War Eagle company an option, which will expire Monday next, and the fact that John R. Cook's interests have been purchased, indicates the intention to take up the other options. This gives the company the two claims adjoining the War Eagle, the Monita and Pilgrim.

DARROW DISCHARGED.

Police Magistrate Will Not Countenance Perjury or Claim Jumping.

The charge of perjury against R. E. Darrow was dismissed by Police Magistrate Jordan Saturday. The charge grew out of the fact that Darrow, who is a prospector, swore when locating the Maine claim, that the ground on which the location was filed was vacant, when in point of fact it was already covered by the Lucknow location. After hearing arguments by the counsel for the crown and the defendant, Police Magistrate read the accused a lecture which it is certain will make him more careful in the future. His Honor scored the carelessness of some in making oaths to matter they are not certain about, and said that he would not tolerate such disregard for the law. The commissioner who administered the oath to Darrow was severely criticized. In conclusion he said there were some peculiar features about the case at bar, but as there was room for a reasonable doubt as to the guilt of the defendant he would give him the benefit of that doubt and acquit him. In concluding his decision, the court stated that he hoped that this case would prove a warning to others, as he wished it understood that no claim jumping or false swearing would be tolerated or countenanced by him in any way.

John McKane of the board of trade, left Saturday for Champion whether he went to look at certain claims in which he is interested.

OUR LONDON LETTER

Hon. C. H. Mackintosh Conferring With Whitaker Wright.

KLONDIKE BOOM IS SMALL

The Frozen Goldfields Will Have to Play Second Fiddle to the More Important and Easier Reached Lode Mines of the Kootenay District.

London Office, ROSSLAND MINER, 108 Bishopgate street (Within). LONDON, March 10. —[Special.]—Hon. C. H. Mackintosh, managing director of the British America corporation, has so far managed to evade the ubiquitous newspaper reporters, and at the present moment is visiting Whitaker Wright at his place near Godalming. I expect, however, that he will be speedily given an opportunity of telling the shareholders in the B. A. C. all about his recent doings on their behalf. The two gentlemen may be expected to do a great deal of good for British Columbia and the Klondike, and this notwithstanding the fact that just at the moment the mining market is by no means a cheerful one. It is feared that many a political consideration. Throughout the past fortnight the changes in values in mining shares of every description have been uniformly against holders, and so pronounced has been the fall that in several cases it is feared that the market will be inevitable at this week's settlement. Canadian mining shares were no exception to the general rule, quotations having declined very sharply from their recent points since the beginning of February.

Klondike will play second fiddle to the more important and easier reached lode mines of the Kootenay district. In the city they do not seem to know how to make up their minds about the respective possibilities before British Columbia and Klondike. Some people think that Klondike will be the first and British Columbia. Others equally confident deride the claims put forward by those who assert their right to speak about the hidden wealth of the frozen north, and say that Klondike will play second fiddle to British Columbia. It is an instance this week of a big London promoter who was thinking of bringing out an important company with a composite title of the sort to which we have now become accustomed. Discussing the question of the Klondike deal to the Klondike largely connected with the inception of the British America corporation itself, he was strongly advised to stick to British Columbia and drop Klondike out of the name of his company altogether. This is a somewhat surprising remark, for it is notorious that most of the purely Klondike companies recently formed have met with a very poor response. This is due probably in a large measure to the scandalous case which has recently been occupying the attention of the London public, and an account of the proceedings of which has no doubt reached you in the ordinary course. E. Savigny is now much better known to the public than respected, and there are many people in London who would be glad to deal with him to lay their hands upon him. This bogus Klondike Trading company must have come at a very unhappy moment for those financiers who brought out the Klondike Bonanza, Klondike hydraulic and other companies. The New Companies Are Scarce.

New companies are rather scarce, but the B.C. Development association, which is at the back of the White Pass route, has formed a second subsidiary company to carry on operations in connection with the large Klondike transportation business, which it is expected will characterize the next few months. The name of the company is the Lake Steam Navigation Company, and it has decided to issue 100,000 shares of £1 each. It is formed with the object of establishing a line of steamers to run from the head of Lake Bennett through the continuous waterway of Lake Bennett, Marsh lake, Lewis and Lewis river and the upper Yukon river to Dawson City, the monopoly for which route during the ensuing season has been practically secured by this company. The advisory board in Victoria are: Walton, Charles, Dowling, M. E., managing director in Victoria, Late Government Survey and Mineralogist department, British Columbia; Hon. David W. Higgins, M. P. P., speaker Legislative Assembly, British Columbia; J. Powell, late government commissioner of British Columbia.

Stock Quotations. The following are today's quotations on the stock exchange: Alaska Goldfields, 17-16 - 1-9 prem; British America Corporation, 17-16 - 1-9 prem; B. C. Development Ass., 13-8 - 1-1/2; British Columbia Financiers, 1-16 dis. Founders, 3/4 - 4/8; British Columbia and New Field Goldfields Corporation, 11-16 - 13-16; Canadian Pacific Exploration, 1/4 - 1/2 prem; Dawson City (Klondike) Dominion Mining Co., 1 - 1-1/8; Fairview, 17-16 - 1-9-16; Galena, 3 - 3-8; Hall Mines (dividend for 1897 100 per cent.), 11-16 - 13-16; Klondike-Columbia Goldfields, 11-16 - 13-16; Klondike-Columbia Goldfields, 11-16 - 13-16; Klondike Mining and Tr. Co., 15 - 15-1/2; Klondike & N.W. Territories, 15 - 15-1/2; Klondike-Yukon and Stewart, 15 - 15-1/2; Pioneer, 15 - 15-1/2; Lillooet & Fraser River, 7-16 - 9-16; London & B. C. Goldfields, 15 - 15-1/2; New Goldfields of B. C., 15 - 15-1/2; Ontario, 15 - 15-1/2; Ontario Government Gold Concessions, 15 - 15-1/2; Ontario Exploration Co., 1-16 dis - 1-16 pm; Vancouver and Victoria, 15 - 13-16 pm; Waverley, 5-16 - 7-16 pm; Allard's (multiples of 20 shares), 1-3 - 1-10; Dundee Gold Mining Company (multiples of 20 shares), 1-3 - 1-10; Gold & Silver Mines Developing Company (multiples of 20 shares), 6d - 1s; War Eagle Consolidated M. Co. (multiples of 20 shares), 4s - 5s; Whas Six Charles Tupper 5d shares, 4s - 5s.

By the way, in connection with the transportation business I see that some of your contemporaries in British Columbia have been hinting that Sir Charles

CANADA, PROVINCE OF BRITISH COLUMBIA, No. 3.

In the Supreme Court. In the matter of

O. K. GOLD MINING CO.

Limited Liability, (Foreign). In Liquidation.

The Undersigned Official Liquidator

Will sell by tender, Subject to ratification by the Court.

The property known as the O. K. Mine and the buildings belonging to the said company. Also the entire mining and milling plant of said company, the whole situated on the south slope of O. K. Mountain, in the Trail Creek Mining division of West Kootenay, Province of British Columbia. The claim is surveyed and crown granted and known as the O. K. fraction mineral claim, official number 678. The property is about two and one-half miles west of the city of Rosland and close to the main wagon road and Red Mountain Railroad, both leading from the city of Rosland to Northport in the State of Washington.

The O. K. ore was at first largely free-milling, and to work it the first stamp mill in the district was erected. That mill, a five stamp one, has now been sold, being superseded by the new ten-stamp mill. The O. K. mine has been operated since 1893 and was a producer from the start. From January 14th to June 19th, 1897, 2472 tons of O. K. ore were milled, exclusive of several hundred tons of custom work for adjoining mines. The O. K. property is favorably situated for every mining purpose and for the development of a large custom trade for the mill. The new ten-stamp mill is thoroughly equipped for the economical handling of ore. It is connected with the mine by a 600-foot gravity surface tramway, with 20 wire rope carrying rollers, etc., complete, the elevation of the workings being 200 feet above the mill, one 3-wheel brake, with 650 feet 3/4-inch steel wire rope, two self-dumping ore cars 18-inch gauge. The mill contains two 50-horse power Standard tubular boilers, each containing 54 12-foot tubes, an 85-horse power Corlies engine, one 10-stamp mill, one No. 6 Blake crusher, one grizzly 4 x 10, 3 x 3/4 iron, two Challenge automatic feeders, one overhead Crawl with iron track, one 1-ton Weston differential pulley block, one gold retort, with cover, wedges and condenser pipe, one Rand straight line, class C, 12 x 18 air compressor, capable of running four drills, one 28-inch x 8 feet air receiver, one No. 7 Miller duplex pump, three 6-foot Fraser & Chalmers' Frue vanners, plain belts, one 4-cone hydrometric sizer, one Woodbury concentrator, one bumping table, extra amalgamating plates following concentrating table, and one Fraser & Chalmers' ore sample grinder, etc.

BUILDINGS.—The principal buildings include the following: The new mill building, containing 10-stamp mill, but designed and built to accommodate 25-stamps, engine and boiler house, office building, mess room, cook house and store room, manager's residence, etc. The development consists of three main tunnels, with one winze and numerous drifts, one shaft down 15 feet, altogether aggregating over 1,500 feet of work, which is entirely confined to one corner of the property, at least two-thirds of the claim being as yet unprospected.

Tenders are now invited for the sale of the property as a whole, including the new 10-stamp mill, the mine, four machine drills and entire plant, machinery and all buildings connected therewith. The liquidator reserves the right to accept or decline any tender, and to withdraw the property from sale at any time, and the further right to fix a reserve price upon the property and to make such other conditions as may meet with the sanction of the court.

The property is open to inspection, but an order for that purpose must be obtained at the office of the liquidator, 3 Imperial Block, Rosland, B. C., where an inventory can be seen and any further information obtained from the undersigned.

TELEGRAPHIC AND CABLE ADDRESS—PLEWMAN, ROSSLAND. Bedford, McNeill's Code.

RICHARD PLEWMAN, OFFICIAL LIQUIDATOR.

J. M. MILLER, GEO. N. TAYLOR, M. F. CHESNUT, President and Treasurer, Vice-President, Secretary.

The Old Gold Quartz and Placer Mining Co. LIMITED.

Capitalization 1,500,000 Shares, Fully Paid and Non-Assessable. 500,000 Treasury Shares. Par Value \$1 Each.

A Grass Root Proposition. One Hundred Dollar Ore on the Surface.

The officers of the Old Gold Quartz & Placer Mining company take pleasure in announcing to the public that they have completed the purchase of the famous Silver King and Silver Queen properties of the Lardeau-Duncan company, and that the same have been amalgamated with the already promising properties of the Old Gold company. The Silver King and Silver Queen have two well defined and highly mineralized ledges running through the entire properties, each being over five feet in width. A number of assays have been made from the property, every one of which shows over \$100 in value and one reaches the magnificent sum of \$135.75. Average taken assays across the entire ledge give values of 102-37.

They are located only about one mile from the rich Gainer creek gold properties, are within three-fourths of a mile of rich placer grounds, are nestled among such well-known mines as the Bad Shot, Silver Cup, Wagner and Bannock Burn groups. The Old Gold properties now consist of eight claims, (comprising about 400 acres of mineral lands) six of which are on the North Fork of the Salmon river, one of the most promising gold producing districts in British Columbia.

The last assays taken from the quartz ledges on this group give the satisfactory results of over \$20 per ton.

NOTE THE FOLLOWING FACTS: 1. A large area of rich mineral lands. 2. Low capitalization. 3. Shipping ore from the surface. 4. Water and timber in abundance. 5. No salaries to any officer until the property becomes dividend paying. 6. A careful, economical and honest management. 7. The company is out of debt, has money in the treasury, and over 400,000 shares of unsold treasury stock.

The above are some of the reasons why an investment in the shares of the Old Gold Quartz & Placer Mining company at present prices is the most profitable that can be made in British Columbia. A limited number of shares will be placed on the market at seven and one-half cents. An advance in price will be made soon.

M. F. CHESNUT, Secretary, P. O. Box 148, Rosland, B. C.

Mines. Stocks. LENZ & LEISER,

Importers of Foreign and Domestic DRY GOODS, Gent's Furnishing Goods, etc.

Rolt & Grogan, ROSSLAND, B. C. Codes: Bedford, McNeill & Clough.

VICTOR MAGOR, MINING BROKER, Private Weekly Report of Stocks and Mines on Application.

SMITH CURTIS, Barrister, Solicitor, Notary Public, etc. Office: Daniels & Chambers Block, 26 1/2 Columbia Ave.

Special Attention Given to the Stock of Canadian Gold Fields Syndicate, Ltd., Operating the Well-Known Sunset No. 2 at Rosland. Use Bedford McNeill's, Moresing & Neal's, Leber's and Clough's Codes.

Weekly Rossland Miner.

Published Every Thursday by the ROSSLAND MINER PRINTING & PUBLISHING CO. LIMITED LIABILITY.

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THE ORE SHIPMENTS.

Table listing ore shipments from mines adjacent to Rossland from Jan. 1 to March 26, 1898. Columns include mine name (e.g., Le Roi, War Eagle, Centre Star, Footman, Iron Mask, Cliff, Velvet) and quantity in tons.

UNSATISFACTORY EXPLANATION.

THE MINER is indebted to George H. Martin, the auditor of the Corbin railway system, for an explanation regarding the rates charged for the transportation of ore from points along the line of the Nelson & Fort Sheppard railway to Nelson and Northport.

Before giving the statement further consideration it would be advisable to take another glance at the disclosures of the committee of the Nelson board of trade, which are as follows: (1) The rate on ore from Hall Siding, 11 miles (or any other point on the N. & F. S. railway) to Nelson, is \$2.25 per ton.

Yet Mr. Martin says there is no discrimination against Nelson for the reason that the Halle Mines smelter will be offered the same rate as the Northport smelter provided the railway company is assured that it will have the hauling of the product of the ore treated at the Nelson works, which heretofore has been shipped to American refineries over the C. P. R.

It is interesting to note that the expected receipts of the Province for the financial year ending June 30, 1898, reach the large sum of \$1,453,389.45, and the expenditures are to be for the same period \$1,992,609.75.

In a very short time the mining and smelting industry of Southern British Columbia will be sufficiently advanced to necessitate the establishment of local metal refineries. When this is done there will be no matter for export.

parliament controls the traffic rates of that portion of his railway system lying north of the international boundary.

A BUILDING BOOK.

Rossland during the coming hot weather promises to become the theater of considerable building activity. Three brick blocks are to be erected on Columbia avenue. Two of these are to be placed on the corners of Washington street and Columbia avenue and the third at the intersection of Columbia avenue and Spokane street.

The fact that such permanent structures as these that are promised are about to be erected in this city speaks volumes for its stability. With an assurance of steady employment the year round for mechanics, miners and laborers, and the not unpleasant and most healthy climate, it is certain that Rossland is destined to become the permanent home of thousands of people.

Taken altogether there is no safer place in the country for an investment in real estate. The city of Rossland has not yet reached her maximum in size, and it is easy to see that an investment in realty at prevailing prices is sure to yield a large profit within a very short time.

PROVINCIAL EXPENDITURES.

It is interesting to note that the expected receipts of the Province for the financial year ending June 30, 1898, reach the large sum of \$1,453,389.45, and the expenditures are to be for the same period \$1,992,609.75.

Since Mr. Martin has made his explanation it is more apparent than ever that this country can gain nothing by permitting Mr. Corbin to extend his railway system in this Province, except

wealth, augment the taxable property, increase the population and in other ways add to the revenues of the government, so that in a short time it will return to the Provincial treasury the amount thus expended, and add a permanent source of income which, in the due course of time, will pay for the original expenditure many fold.

Table titled 'HEADS OF RECEIPTS' showing various revenue sources for the Dominion of Canada, including interest on government securities, land revenue, and other taxes.

THE STIFLED MASS MEETING.

It is regrettable that no mass meeting was held Tuesday night to discuss the advisability of parliament granting a charter for the construction of the Kettle River Valley railway.

A UNIFORM GRADE.

It is gratifying to note that the city council has commenced to take steps towards establishing a uniform grade of sidewalks of the principal thoroughfares of the city.

THE YUKON RAILWAY.

E. J. Livernash, a Klondike correspondent for a sensational American newspaper, now in Ottawa interviewing

the Dominion government regarding the improvement of transportation facilities to the Northern goldfields, is very outspoken in his denunciation of the terms of the Stickeen-Teslin railway land grant.

The American's contentions seem to have encouraged the Conservative side of the senate to oppose the Yukon railway bill with greater vigor than ever, and it is not improbable that the bill may yet fail to become a law.

EDITORIAL NOTES.

THE NEXT ISSUE OF THE MINER will contain a number of very interesting facts culled from the last report of the minister of mines.

THE MINISTER desires to direct attention to a communication in another column from the pen of F. W. Rolt, of this city. It is right to the point, and well worth perusing.

JUDGING from the contents of the Kootenay & Northwest railway bill now before the legislative assembly, it seems to us that charter mongers are still doing a brisk business at the same old stand.

THE REPORT of the minister of mines shows that the success attending the development of the lode mining industry has been infinitely greater proportionately than that experienced in placer mining in this Province.

THE REPORT of the minister of mines will undoubtedly create a very favorable impression of the mineral resources of this Province in the London market.

ROSSLAND mining men may be found operating heavily throughout the Kootenays and the Boundary Creek country.

BECAUSE of the depressed price of silver, there has been some talk among holders of silver claims in Kootenay of petitioning the legislative assembly to relieve them of the necessity of performing annual assessment work on unworked argentiferous properties.

PERSONAL.

W. A. Carlyle, who resigns his position as provincial mineralogist tomorrow, will arrive in Rossland towards the end of next week.

IT IS... A MINE.

No. 1 tunnel is now over 200 feet in length, and in solid ore. A track and car system has been installed. Work of development progresses unceasingly on the Silver Queen.

Moring & Neal's, Bedford McNeill's and Clough's Codes. Cable address: "QUEEN."

President HON. GEORGE E. FOSTER. Vice-President C. C. WOODHOUSE, JR. General Manager EDWARD C. FINCH. Secretary-Treasurer LEO H. SCHMIDT.

THE SILVER QUEEN MINING CO. Limited Liability.

Incorporated Under the Laws of British Columbia. Capital \$1,250,000; Shares, par value, \$1 each; Treasury Stock \$350,000.

DIRECTORS: HON. THOMAS MAYNE DALY, Q. C., late Minister of Interior; EDWARD C. FINCH, Mining Operator; RICHARD MAXWELL, Mine Owner; HON. GEORGE E. FOSTER, M. P., late Minister of Finance; Wm. F. HAYWARD, Mine Owner; C. C. WOODHOUSE, JR., Mining Engineer; LEO H. SCHMIDT, Accountant; R. W. GRIGOR, Capitalist.

All Stock Fully Paid Up and Non-Assessable.

Mine: "THE SILVER QUEEN"

Consisting of eight mineral claims on Snow creek, in Cariboo Creek camp, Slokan Division, West Kootenay, B. C.

Head Office, 14 Columbia Avenue, Rossland, B. C.

For full particulars, price of Treasury Shares, etc., address

EDWARD C. FINCH, GENERAL MANAGER.

Box 78 - ROSSLAND, B. C.

Plans have been completed for the expenditure of at least a quarter of a million dollars on the erection of buildings within the city limits. Then, too, must be taken into consideration the arrangements that are being made by the city council to open up and improve the principal thoroughfares.

ROSSLAND'S FOOD SUPPLIES.

All Fruits, Vegetables, Fish, Poultry and Meat to be Imported. Dr. Herrick, the municipal health officer, will have plenty to do in the discharge of his duties, and his first crusade will be directed against the milk dealers.

MARKET FEATURES.

The market continues dull, the demand being only for a few stocks, as follows: Monte Christo Consolidated, Virginia, Dear Park, Iron Mask and Josie.

Table titled 'MARKET FEATURES' listing various stocks and their prices, including Canada M. & D., Monte Christo Con., Deer Park, etc.

Snaps for Today.

We offer today subject to sale the following snaps: 500 Le Roi, 7,400 Tamarac pooled, 10,000 High Ore, 10,000 Arlington, etc.

LIST YOUR STOCKS WITH US.

We have cash buyers.

The Reddin-Jackson Co., Limited Liability. Mining Operators and Brokers. Established, May, 1895. Incorporated, October, 1896. Agents for N. & F. S. Railway Addition to Rossland. Money Loaned on Rossland Real Estate. 108 Columbia Ave., Rossland.

Vertical text on the far right edge of the page, including 'UNB...', 'LAST', 'By-Law', 'Loas', 'Meet', 'Othe', 'Nothing', 'city', 'ance', 'I', 'providing', 'of mun', 'presente', 'pared', 'and', 'over.', 'The be', 'covering', 'est, esp', 'Columbi', 'to a gra', 'streets.', 'Alderm', 'of mun', 'block 43', 'walks of', 'owners', 'kane stre', 'will be', 'grade to', 'The be', 'powered', 'excavatio', 'of the ro', 'West, th', 'disposit', 'west of t', 'prepared', 'tend to c', 'ing drain', 'water.', 'Realizi', 'to some', 'disposal', 'board res', 'pond', 'ince, urg', 'a paving', 'ary side', 'Roi aven', 'street un', 'The bo', 'Paul str', 'avenue', 'walk be', 'along St.', 'and frem', 'ond aven', 'possible.', 'The fin', 'inasmuch', 'taxed gen', 'that prov', 'indiscrim', 'the taxati', 'Alderm', 'a harness', 'which w', 'Alderm', 'rected to', 'The cit', 'ion in wh', 'tract by', 'ment in', 'by the D', 'was not', 'funds we', 'revenues', 'Wh', 'The fin', 'terest in', 'from Kas', 'and now', 'Whitewat', 'Eng., a fi', 'Columbia', 'ment was', '90-day op', 'from ore', 'the purch', 'basis at', 'has paid', 'Eaton an', 'the two', 'the staten', 'struck the', 'who six', 'was found', 'of the Slo', 'est workin', 'The tin', 'ing to the', 'in a dista', 'depth obt', 'been stor', 'further sh', 'time as t', 'The shipm', 'attention', 'A', 'A report', 'that the M', 'sold to the', 'there is a', 'such a sta', 'pany has', 'in that the', 'over of the', 'cure this', 'The wor', 'Sunset No', 'intention', 'before the', 'The are to', 'be', 'On Bro', 'port of en', 'collector of', 'trict will', 'Mr. McDo', 'collector', 'been app', 'graph. B', 'officers a', 'lector, and', 'Donald h', 'his chief', 'and Mr. S', 'Trail. M', 'collector a', 'will take', 'land has', 'ports of a', 'jurisdic', 'Johnstone', 'Donald w', 'ion custon'



AN ASTONISHING AND MARVELOUS CURE

Paine's Celery Compound Saves a Life After Doctors and Hospitals Fail.

The Man's Limbs Were Lifeless and Useless and He Could Not Stand Alone... A Most Critical Case of Nervous Prostration and Extreme Weakness... Had Little Hope of Being Cured.

Mr. Deschamps Says: "After the Use of Six Bottles of Paine's Celery Compound I Am a Cured Man."

THE GREAT SPRING MEDICINE MAKES PEOPLE WELL

At the present time there are many thousands of men and women in Canada who are suffering much the same as did Mr. T. Deschamps, of 248 Atwater Avenue, Point St. Charles, Montreal. Such sufferers may now rest assured that the same medicine that made Mr. Deschamps a well man will bestow the same gift—good health—on others.

Mr. Deschamps' marvelous cure by the use of Paine's Celery Compound, after failures of doctors and hospitals is already well known to many hundreds in St. Gabriel ward in Montreal, for the

cured man never ceased to sing the praises of the remedy that restored him to health. Mr. Deschamps writes as follows:

"Having been a great sufferer for four years from nervousness and weakness, and having been completely cured by Paine's Celery Compound after failures with all other means, I desire to make the following statement:

"I became so bad from nervousness and nervous prostration that I was unable to sleep or assist myself in any way. My limbs were numb and useless, and

for a long time I was not able to stand alone. I was under the care of several doctors in Ottawa city, but their treatment did not better my condition. After coming to Montreal I was a patient in the Western hospital, but after three months' treatment I left there no better. I thank Heaven that I was advised to use Paine's Celery Compound. This great medicine commenced to do its work from the time I used the first bottle, and now, after having used six bottles, I am a cured man."

owned by the London & British Columbia Gold Fields, Limited, of London, England. It has a large quantity of high grade ore on its dump ready for shipment.

The Spotted Horse property was bonded a few days since to Spokane parties for \$10,000.

The Evening Star, adjoining the Dundee, has been sold to an English syndicate for \$10,000. This property was owned by Tom Flynn, the original locator of the Dundee.

A rich strike is reported in the Porto Rico in tunnel No. 3. The ore from this strike assays \$550 per ton. The Porto Rico promises to be one of the great mines of the camp.

FREE MILLING ORE. At Grand Forks immense ledges are being opened.

GRAND FORKS, March 22.—[Special.]—A new free milling ore camp is being opened up some two and a half miles up the north fork from this place. The gold-bearing ore is a decomposed quartz. Joseph Counder has just received an assay return from the west, which showed a gold value of \$8 right on the surface of the Rosebud claim. There are millions of tons of this free milling quartz in sight, and from present indications a second Camp McKinney will spring into existence at the very threshold of Grand Forks.

Bets His Store. Considerable betting is being done here on the granting of the Kettle River Valley railway charter. The bets run from \$5 to \$100. However, this latter figure was passed yesterday by one of our leading merchants betting his store and stock, worth \$10,000, that the charter would not be granted, against 100,000 shares of local mining stock.

A SILVER STRIKE. Ore Found in the Workings of the Whitewater Deep.

Word comes from Kaslo that a rich strike has been made in the Whitewater Deep mine. A tunnel is being driven on this property to catch this famous Whitewater vein at the 1,000-foot level. Several ore bodies have been encountered, but this latest showing is by far the best.

Investigation of the rumor, disclosed the facts that a strike had at last been made. The source from which it was obtained, is authentic and says that in a mass of steel galena of high grade several reports received since place the size of the ore body at a much larger figure, some even doubting it. The depth was uncovered is in the neighborhood of 1,000 feet, but in addition to this, the ore bodies in Sloan can attain depth, or, at least, if not proving great depth, it explodes the theories recently promulgated by irresponsible parties who have stated that so far as developed ore mines have not shown up well with increasing depth.

This strike, if proven to be of any extent, means much to the district in general and to Whitewater in particular. The owners of the property have ample means at their command and will push development work on it as fast as possible.

THE LADIES APPRECIATE THE BLESSING. A Great Discovery Peculiar to Diamond Dyes.

As stated in previous newspaper articles it is an impossibility to dye cotton or any mixed goods a fast and durable color with a dye prepared for wool goods.

Fasted Diamond Dyes for Cotton and Mixed Goods are amongst the most important discoveries of the day. These special dyes for cotton and mixed goods have been given to the ladies only after the most severe and crucial tests which proved them to be far ahead of all other cotton dyes. These cotton dyes are perfectly fast to light and soap and water; of no other dyes is this true.

Fast Diamond Dyes for Cotton and Mixed Goods should be used by all carpet makers, and by those who dye rugs for mats and rugs. At the county fairs, all prize winners for rugs, mats and carpets owe their success to Diamond Dyes. When you are buying dyes take no substitute from any dealer; ask for and insist upon getting the "Diamond" every time.

Ymir, March 24.—Ymir is advancing rapidly and now has a population of July 1,000. There are a number of miners employed at the properties adjacent to the camp, and the payroll at the present time amounts to \$21,000 per month. The sum of \$17,000 has been expended on wagon roads to the Dundee, Ymir and Porto Rico mines.

Probably the best developed mine in the camp is the Ymir. This property is

ounces of bread every night. Pork may be used once a week instead of beef, but one ounce less in weight must be given than is named in the different scales. Fish may also be substituted for beef, once a week, in which case four ounces more must be given than is named in the different scales, and all prisoners shall be allowed at their meals as much good water and salt as they desire.

The cooking of the food and the washing of clothes and bedding is done by a prisoner or prisoners under the supervision of the gaoler.

The increase of crime amongst juvenile offenders has necessitated the re-opening of the juvenile reformatory at Victoria.

In the coast cities especially it became apparent that a check must be put upon a certain class of boys who prowl around the streets by day and night, disturbing and annoying passers-by and wilfully and maliciously destroying property, and thus eventually becoming involved in more serious crimes. This lamentable state of affairs has, in many cases, been brought about by the laxity of parents or guardians, who, in allowing their children to thus frequent the streets and drift into criminal courses, are themselves, in a great measure, guilty of crime, and equally in need of punishment.

On the 16th of December last, the reformatory was re-opened under the supervision of R. E. Hanson, acting superintendent. Twelve boys, whose sentences vary from one to 12 months, have been received in the institution. Their time is fully occupied in various ways, and the discipline well maintained.

The Provincial police force now consist of the superintendent, one sergeant, and 98 constables, besides a number of special police who are employed in various parts of the Province from time to time as they may be required. The conduct of the men during the past year has, with a few exceptions, been very creditable. No fines for any infraction of the regulations have been imposed.

One investigation has been held, resulting in the resignation of the officer against whom the complaint was made. The superintendent recommends that the officials of the Provincial gaols be supplied with uniforms. It is estimated that the cost will be about \$85 per man for two suits per year.

ATTACKS ON B. A. C. Nelson Correspondent Severely Censured for Unjust Criticism.

At the last meeting of the Rossland board of trade, F. W. Rolt called attention to the recent attacks on the British America Corporation, printed in the British Columbia Review, of London, England, as a result of which two letters have been framed. One has been forwarded to the editor of the paper in question, and the other to the Nelson board of trade. The attacks emanated from Nelson, and the board of trade of Nelson, individually and collectively, is asked to impress upon the correspondent, the necessity of ascertaining the truth about the mines and prospects of this, or any other neighborhood. They are also asked to request him not to allow his articles to be filled with such gross misstatements as have characterized the articles complained of.

The other letter, to the editor of the British America Corporation, was written in a hostile and prejudiced spirit, calculated to do serious injury to the interests not only of Rossland, but of West Kootenay at large.

Among other things in the communication are the following: "That personal allusions of a coarse and violent nature are made use of by the writer of these articles, which fact is in itself sufficient to deprive them of any consideration to which they might otherwise have been entitled."

That while it may be possible to the advantage of the correspondent of the British Columbia Review to make violent and scurrilous attacks on any company which may have excited his animosity, it is plainly and undeniably most prejudicial and harmful to the interests of this country to aid or countenance such proceedings in any way.

That while it is true that the articles in question are directed wholly and entirely to matters that have no place in the Trail Record, that anything that never be forgotten that anything that tends to injure one portion of the mining country is harmful to every other portion, and that it should be the object of all parts and sections of West Kootenay to act in unison and in harmony in the protection and furtherance of their common interest—the development of their mines.

To sum up the matter we may point out that to attempt to depreciate the value of mining property by false statements, and scurrilous personal abuse of individuals is no less vile and deplorable than to attempt to fraudulently enhance their value by overdrawn and lying exaggeration. The function of the true critic is to steer a course midway between and unjust depreciation on the one hand, and unjustly unfettered praise on the other, and judged by this standard, we consider that the Nelson correspondent should have himself to be entirely unfitted for the position which he occupies.

PEARL AND RUBY FRACTIONS. Property Adjoining the Le Roi Goes to an English Syndicate.

Another big deal consummated Friday was the sale of the Pearl and Ruby fractions, formerly the Ivanhoe, to an English syndicate. This property is to the south of the Le Roi, and was owned by Messrs. Haney, Kermee, Laurie and Seeley. The consideration was not given exact, but is said to have been between \$15,000 and \$20,000.

Sufficient work has been done on the property to have it crown granted, but it is proposed to commence operations in earnest in a few weeks.

Work on Sullivan Creek. Considerable work is being done on Sullivan creek, and the Queen and Grand Union claims have been worked for some time past. The shaft on the Queen has now reached a depth of 56 feet. At 48 feet a horse appeared, cutting off the lead, but this has been passed and the shaft has been regained. Average assays return from \$25 to \$30, mostly gold, while picked samples will yield much higher values than this.

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ROSSLAND, B. C. P. O. BOX 328. We are in a position to negotiate the sale of some of the most promising properties in West Kootenay.

Stocks bought and sold on commission. Are prepared to act as local agents and keep the necessary office, etc., for Foreign corporations as required by the 1897 Companies act. Under bond if desired. Correspondence solicited.

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E. J. COYLE, District Passenger Agent, Vancouver. Write for New Klondike Folder and Map.

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REAL ESTATE. Thompson Avenue lots will be hard to get three months hence. At the present time we can give you bargains.

Work on Sullivan Creek. Considerable work is being done on Sullivan creek, and the Queen and Grand Union claims have been worked for some time past.

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8:00 a. m. Daily. LOCAL MAIL—Coeur d'Alene, Farmington, Gardiner, Colfax, Pullman and Moscow.

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All signs activity in ing resour during the section of be more ac than in the reduction the fact of will be of Kootenay thus insur portation, a correspond smelting; from Robe returns that uly delate made by se hitherto no begin soon getting assu larger fore the manag that are r shortly to several pr from Lond ground for mining pro is to be a just as com before. On this activit portation. Carlyle, the C., that co 1st of April its several has been v company w 400 men w These, add be given tics that ar fully 600 t nently en effect of t America o scarcely b the reason tain to be panies whi district, to time requ tain the nu

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(Editorial concluded from Page 4.)

SIGNS OF THE TIMES.

All signs point to a period of intense activity in the development of the mining resources of the Kootenay district during the coming open season. In no section of Kootenay, however, will there be more active or energetic work done than in the Trail Creek division. The reduction in the cost of treating ores; the fact that the Crow's Nest Pass branch of the Canadian Pacific railway will be completed to Kuskonook on Kootenay lake by the first of August, thus insuring cheaper and quicker transportation, cheaper fuel for smelters and a corresponding reduction in the cost of smelting; the construction of a railway from Robson to Pentiction; the good returns that are being made from properly developed properties; the promise made by several of the mines that have hitherto not been shipped that they will begin soon to market their ores, thus giving assurance of the employment of larger forces of miners; the promise of the management of several properties that are now lying idle that work is shortly to be resumed; the presence of several prominent mining promoters from London, who are looking over the ground for the purpose of purchasing mining properties, all presage that there is to be a season of intense activity here, just as coming events cast their shadows before. One of the great factors in this activity is the British America Corporation. With the arrival of W. A. Carlyle, the superintendent of the B. A. C., that company will on or about the 1st of April begin active operations on its several properties in this camp. It has been variously estimated that the company will put to work from 300 to 400 men within the next four months. These, added to the number that will be given employment in the properties that are soon to be started up, will add fully 600 to the number of the permanently employed miners. The good effect of the operations of the British America corporation in this camp, can scarcely be estimated at this time, for the reason that their example is certain to be imitated by other like companies which will follow them into this district, to such an extent that it will in time require an official census to ascertain the number of miners employed.

COINAGE OF NICKEL.

Some reformers at the capital of the United States have brought up the question of the desirability of changing the metals out of which the minor coins of that country are made. After some consideration of the matter the congressional committee on coinage, weights and measures has reported favorably a resolution authorizing the secretary of the treasury to make experiments to determine the best metals for minor coinage and to submit new designs for coins to congress. As the result of its deliberations on the subject, the committee has reached the conclusion that the copper cent is undesirable because it becomes dingy and dirty and by corrosion, poisonous, and that the five-cent nickel, three-quarters copper, should be displaced because it is too soft. It is pointed out by the committee that Switzerland, Austria, Hungary and Italy have adopted pure nickel for their minor coinage with very satisfactory results, the coins being hard, durable and retaining their color. Bradstreet's, commenting on the findings of the committee, says the subject is one upon which it is as well to hasten slowly, being of the opinion that it is not well to disturb the coinage by sudden action. At the same time, the passage of the resolution can do no harm, because in reality it only commits the subject to the care of the secretary of the treasury, who may be trusted not to proceed hastily in the matter, and who is only authorized to make experiments. The situation is not, however, without interest to Canada. Should the recommendations of the congressional committee be adopted, the nickel industry of this country will be very materially benefited.

SCHOOL OF MINES.

The need of a school of mines in British Columbia is plainly apparent. The importance of the mineral industry of this Province justifies the establishment of such an institution with as little delay as possible. The 390,334 square miles lying between the summit of the Rocky mountains and the Pacific ocean and the forty-ninth and sixtieth parallel of north latitude form a mineral region, which, for extent and diversity and richness, has no equal in the known world. The mountains, which form by far the greater portion of this vast territory, contain every kind of mineral known to science, besides affording excellent opportunities for every phase of skillful mining. The small amount of exploration and development that has been done fully warrants the belief that British Columbia is destined to be the scene of mining operations of the most extensive description, and it goes without saying that mining will always be the most important industry of the Province. Economical mining can only be done by adopting scientific methods, and every year sees old methods replaced by processes more scientific and constantly more economical. It is questionable if there exists a greater field for the application of science than in the mining and treatment of metallic minerals.

It would be an advantage to the Province and an incalculable convenience to the younger generation, if facilities existed here for the proper training of mining engineers, metallurgical chemists. As it is, there is no such institution in Canada. Of course, instruction in civil engineering and chemistry can be had at the eastern universities, but there is nothing in this country to equal the schools of mines of New York and Michigan. It is not creditable to Canada that her sons should be compelled to go abroad for a proper scientific education. It is the duty of our legislators to provide such facilities.

THE K. R. V. RAILWAY.

These are the facts of the case as regards the railway situation in the Boundary Creek country: The Provincial government has subsidized the Vancouver, Victoria & Eastern railway from Robson to Pentiction in order to insure the construction of an all-Canadian railway from the Columbia river westward to the Okanagan valley. The C. P. R. has gained control of this charter and intends, without further delay, to commence the construction of the line, which is the natural and only available all-Canadian extension of the Crow's Nest Pass railway. By the granting of the Crow's Nest Pass Railway subsidy, the Dominion government gained control of the C. P. R. traffic routes in British Columbia, and it was also stipulated that, in all its extensions built subsequent to the granting of the subsidy, the C. P. R. should not enjoy a monopoly of routes. It will thus be seen that the building of the C. P. R. from Robson into the Boundary Creek country would not necessarily monopolize the only available pass through the Gold Range.

The Pentiction extension of the C. P. R. will touch all points in the Kettle river valley that would be reached by the proposed Corbin line, and will, besides, traverse the entire district of South Yale east and west. The management of the C. P. R. has emphatically declared that the Robson-Pentiction road will be completed and in operation as quickly as it would be possible to build a road to the Boundary Creek country by any other route. The C. P. R. also promises to foster and encourage the local smelting industry in Kootenay and South Yale. On the other hand, the Kettle River Valley Railway company has evinced no disposition to promote the prosperity of this country; on the contrary, Mr. Corbin has been at considerable pains to foster and encourage the smelting industry of the United States at the expense of British Columbia. This is best proved by the fact that he preferred to have the Le Roi smelter erected at Northport, Washington, instead of at Sayward, British Columbia, where the opportunities for economical smelting are just as favorable as at the first named place. THE MINER is perfectly independent and unbiased in this matter, and desires to see the question given the fullest possible discussion. The more it is threshed out the better it will be for Southern British Columbia. But Roseland must be guided by events as they arise. So far we have a fairly satisfactory statement of the intentions of the C. P. R. That company at least evinces a disposition to foster and encourage Canadian industries. Mr. Corbin does not. But we are of the opinion that he is ever granted another railway charter in British Columbia.

CIVIC AFFAIRS.

Since taking office the present city council has managed the affairs of Roseland with great success. So far it has been a straightforward and business-like administration, and the city has already benefited as a result. The council, while avoiding a niggardly policy, has practiced the strictest economy, and has been adverse to the expenditure of large sums of money on public works until it has satisfied itself beyond all question that to the greatest advantage of the city. After several months of careful investigation, however, the city fathers have come to the conclusion that there are a number of matters calling for the expenditure of a considerable amount of money, and they have practically arranged the details for these undertakings at an early date. The most important of these is the establishment of the fire department on a thoroughly effective basis. All will admit that this is an absolute necessity and that the sooner it is done the better it will be for Roseland. A matter almost rivaling the fire department in importance is the city's sewage system. A large amount of money has been expended on this department of public works, but it is quite useless in its present uncompleted condition. The council has decided to make this system as widely serviceable as circumstances at present will consistently permit, and will do so, it is anticipated, at a comparatively small outlay. Another matter of great importance that has engaged the attention of the council is the bluff at the east end of the business portion of Columbia avenue. So long as this unsightly obstacle remains, the traffic of the main thoroughfare of Roseland will be seriously inconvenienced and the extension of the business portion of the town must necessarily continue unnaturally confined. The removal of the bluff will require the expenditure of a considerable sum of money, but there

can be no question as to the advisability of establishing a proper grade of that portion of Columbia avenue this year. The cost of these improvements and the expense of establishing of street grades and construction of sidewalks in various portions of the city will probably comprise the principal items of expenditures by the city council for the current year.

To meet this outlay the city will have to borrow about \$50,000. To do so on advantageous terms will not be a difficult matter. Thanks to the great success that is attending the development of the mines of this camp and the steady increase in the commercial importance of the city, Roseland's credit is now established on an eminently satisfactory basis. The MINER would not be surprised if the next debentures issued by the city would draw less than 5 per cent interest. If this can be done there should be no unnecessary delay in negotiating a loan, as it would benefit the municipality in more ways than one to have the money put into circulation here as quickly as possible.

JUSTICE TO HOME INDUSTRIES.

The Boundary Creek railway question is a matter of national importance. The question is, Shall the trade of that district be wholly confined to Canada, or shall a portion of it be diverted into United States channels? To confine it to this country means a denial of the application of the Kettle River Valley Railway company for a charter through the district and its control by the Canadian Pacific Railway company. There are those who argue that unless the K. R. V. charter is granted, the C. P. R. will delay the construction of its Robson-Pentiction extension, and that the district will continue to suffer from a lack of transportation facilities for an indefinite and, perhaps, long time. There are others who insist that the Corbin road could be constructed in a much shorter space of time than the Robson-Pentiction branch. We consider these contentions somewhat irrelevant, for the reason that the management of the C. P. R. has promised to complete its line with all possible dispatch and is in a position to prove that it will have the road in operation as quickly as it would be possible to equip a railway to the Boundary Creek country by any other route. It is not to be supposed that the Canadian company will break faith; there is no apparent reason why it should. In this connection it is due to the C. P. R. to say that that company has displayed creditable enterprise and an unusual disposition to satisfy the demands of the people, and, as a result thereof, it occupies a popular position. The company asks no assistance from the Federal government to construct what will be an exceptionally expensive section of railway; it is kindly disposed towards the local smelting industry, and will, thanks to recent Dominion legislation, be compelled to charge satisfactory freight rates over the line. But for this, Southern British Columbia would be in an extremely awkward position, and the objection to the granting of the Corbin charter would be considerably lessened.

There is a striking contrast between the attitude of the two companies. One evinces a strong desire to develop the country and foster Canadian trade, while the other does not even attempt to disguise its intention to build up the smelting industry of the United States at the expense of this country. By causing the Le Roi smelter to be established at Northport, instead of at a desirable point in Canadian territory along the line of his railway, Mr. Corbin has erected a monument to his determination to smelt British Columbia ores in the United States. The MINER still maintains that the exportation of Kootenay and Boundary Creek ores for reduction abroad, robs those districts of half of their prosperity, and that something must be done to effectually discourage the practice. The Corbin system of railways has been a decided benefit to the Kootenays in many respects, but it would be ridiculous to say that it has not exercised a blighting influence on the local smelting industry, a business that in this district is only second in importance to that of mining. Until Mr. Corbin evinces a more satisfactory disposition than he does at present to foster and encourage Canadian industries he should be denied the right to extend his railway system in British Columbia.

THE PROVINCIAL ESTIMATES.

The estimate of the Provincial expenditures for the financial year ending June 30, 1898, has been submitted to the legislature. As the people are always interested in how the money entrusted by them to the government is expended, it may not be uninteresting to give a brief statement as to how much is to be raised and for what purpose. The estimate shows that the sum of \$1,992,609.75 will be required to run the governmental affairs of the country during the financial year mentioned. The sum is to be expended under the following heads: Public debt, \$295,666.25; civil government (salaries), \$145,710; legislation, \$47,905; public institutions (maintenance), \$108,022; hospitals and charities, \$61,650; administration of justice (other than salaries), \$80,200; education, \$280,622; transport, \$15,000; rent, \$48.50; revenue services, \$17,000; for public works the money is to be appropriated as follows: Work and buildings, \$118,450; government house, \$3,050;

trails, roads, streets, bridges and wharves, \$437,200; surveys, \$15,000; total for public works, \$620,200; miscellaneous, \$115,278. Grand total, \$1,992,609.75.

Under the first item of public debt the \$295,666.25 is to be expended for interest, discount and commissions, and for redemption of debentures. The principal item under this head is \$193,804, for interest due on the several outstanding debenture debts of the Province.

The second item of \$145,710 is for salaries alone to be paid to the different officials in the several departments and the employes therein. The next item for the administration of justice is \$215,408, to be disbursed among the justices and judges, Provincial police, jails and reformatories. The largest item in this department is \$73,240 for Provincial police, and the next in size is \$26,466, for supreme and county courts.

The next item is for legislation, and this is to cost \$47,905. Of this sum the Speaker will receive \$1,500, and the 33 members \$600 each, or a total of \$19,800, while the expense of the elections are set down at \$14,000. Then comes the item for public institutions and their maintenance, for which the sum of \$108,022 is needed. This sum is to be divided as follows: Printing office, Victoria, \$37,000; bureau of mines, \$2,500; Provincial museum, \$5,640; asylum for the insane, New Westminster, \$50,610; Provincial home, Kamloops, \$12,272.

For hospitals and charities \$51,550 is to be used. This is to be divided among the hospitals at Victoria, New Westminster, Cariboo, Nanaimo, Kamloops, Vancouver, Golden, Nelson, Comox, Fort Simpson, Vernon and in aid of resident physicians at several points throughout the Province. Besides this \$1,500 is devoted to educating the deaf and dumb and \$6,000 in aid of the sick and poor.

The next item, \$80,000, is for the administration of justice other than salaries. This sum is to be devoted to paying jurors, the expense of criminal trials and to the board and transportation of prisoners. The next item is \$280,622 for education, and of this sum the West Kootenay district is to be given the sum of \$28,604. There are no details worth mentioning in the items of transport, rent and revenue service. In the next item of public works, for which \$260,200 is to be spent, is a promised appropriation of \$6,000 for a court house for Roseland, the north riding of West Kootenay is given \$28,000 for roads, trails and bridges, and the south riding \$40,000. In the final or miscellaneous account, for which \$115,278 is set apart for advertising, stationery and to aid in maintenance of fire departments and other small expenses of the government, the sum of \$300 is to be devoted to the fire department of Roseland. THE MINER will have something further to say in this connection at an early date.

EDITORIAL NOTES.

POPULAR SENTIMENT HAS CAUSED THE ring politicians of New York to abandon their attempt to establish a press censorship in that State.

THE MINER has received, evidently for publication, a communication signed by "A Lover of Liberty and of the Sons of Toil," relating to the "Truck Act." We shall be pleased to give the letter space in these columns upon the receipt of the name and address of the author. THE MINER does not recognize anonymous letters.

As the mining industry is destined to overshadow all others in the Province for generations to come, would it not be a good idea if the elements of geology, mineralogy, and metallurgical chemistry were taught in the public schools, just as much as reading, writing and arithmetic are?

The Mail and Empire of Toronto, makes the following strong point: As our Georgian Bay timber limits are the base of operations of the big saw mill industries of Michigan, so our Slokan area of the Western States. Last month there went from Kaslo to seven smelters south of the line 2,755,220 pounds of silver-lead ore, valued at \$142,938. When the Crow's Nest Pass road opens the coal fields where it enters the province with the smelters of Nelson and Trail, the Slokan ore will be treated at home, and the wages earned in the processes will be paid to Canadian workmen.

In a late hearing before the federal court for the district of Montana, sitting at Butte, thirty eminent mining experts perplexed the mining world with their opinions under oath as to what is included in a vein, or lode. The question is, Are detached ore bodies and connected stringers to be regarded as part of the vein and entitled to all the extralateral rights with the dip of the vein itself? This has always been a knotty problem in the mining laws of the United States, and thousands of pages of judicial opinions have been written and hundreds of thousands of dollars expended to unravel it. Fortunately the mining laws of British Columbia are perfectly clear on this point.

C. C. Woodhouse, Jr., is back from a visit to Republic camp, where he has been since the 17th instant. He reports that several sawmills are being taken into the vicinity of Republic and that soon lumber will be cheap, then Republic will become a city of houses instead of shacks as at present. The population, notwithstanding the lack of accommodation, is increasing with each and every day.

Removing the Stone. In front of the fire department headquarters, is being cleaned up, and will be graded so as to avoid all difficulty in getting out the fire apparatus. The big pile of stone which came from the Columbia avenue bluff is being removed. The stone was given to the Roseland Transfer & Warehouse company on condition that they would take it away and leave the street in good condition, which they are now doing. The stone will, no doubt, be used in the near future in the construction of some new buildings.

Certificate of the Registration of an Extra-Provincial Company.

"COMPANIES ACT, 1897." "Silverine Gold Mining Company." Registered the 3rd day of January, 1898. I hereby certify that I have this day registered the "Silverine Gold Mining Company," as an Extra-Provincial company under the "Companies Act, 1897," to carry out or effect all or any of the objects hereinafter set forth to the legislative authority of the Legislature of British Columbia, to-wit: The head office of the company is situated at the city of Spokane, State of Washington. The amount of the capital of the company is five hundred thousand dollars, divided into five hundred thousand shares of one dollar each. The head office of the company in this province is situated at Roseland, and Clive Pringle, agent for the company, whose address is Roseland aforesaid, is the attorney for the company. The time of the existence of the company is fifty years.

The objects for which the company has been established are: To work, operate, buy, sell, lease, locate and deal in mines, metals and mineral properties of every kind and description, within the United States and the Province of British Columbia; to buy, lease, locate and hold ditches and flumes and water rights; to construct, lease, buy, sell and operate mills, concentrators, smelters, and machinery of every description; to buy, lease, bond, sell, build or operate railroads, ferries, tramways or other means of transportation, for transporting ore and mining material; to own, buy, sell, lease and locate timber claims, and finally to do everything consistent, proper and requisite for the carrying out of the objects and purposes aforesaid, in their fullest and broadest sense. Given under my hand and seal of office at Victoria, Province of British Columbia, this 31st day of January, one thousand eight hundred and ninety-eight.

S. Y. WOOTTON, Registrar of Joint Stock Companies.

Certificate of the Registration of an Extra-Provincial Company.

"COMPANIES ACT, 1897." "Roseland Red Mountain Gold Mining Company." Registered the 30th day of December, 1897. I hereby certify that I have this day registered the "Roseland Red Mountain Gold Mining Company," as an Extra-Provincial company under the "Companies Act, 1897," to carry out or effect all or any of the objects hereinafter set forth to the legislative authority of the Legislature of British Columbia, to-wit: The head office of the company is situated in the City of Spokane, State of Washington. U. S. A. The amount of the capital of the company is one million dollars, divided into one million shares of one dollar each. The head office of the company in this Province is situated at Roseland, and Clive Pringle, agent for the company, whose address is Roseland aforesaid, is the attorney for the company. The time of the existence of the company is fifty years.

The objects for which the company has been established are: To work, operate, buy, sell, lease, locate, acquire, procure, hold and deal in mines, metals and mineral claims of every kind and description within the United States of America and the Province of British Columbia, Canada; to carry on and conduct a general mining, smelting, milling and reduction business; to purchase, acquire, hold, erect and operate electric light and power plants for the purpose of furnishing light and creating power for the carrying out of the objects and purposes aforesaid; to buy, lease, locate and hold ditches, flumes, and water rights; to construct, lease, buy, sell, build or operate railroads, ferries, tramways, or other means of transportation, for transporting ore, mining and other material; to own, buy, lease and locate timber claims, and finally to do everything consistent, proper and requisite for the carrying out of the objects and purposes aforesaid, in their fullest and broadest sense, within the territory aforesaid. Given under my hand and seal of office at Victoria, Province of British Columbia, this 30th day of December, one thousand eight hundred and ninety-eight.

S. Y. WOOTTON, Registrar of Joint Stock Companies.

Certificate of the Registration of an Extra-Provincial Company.

"COMPANIES ACT, 1897." "Ruth-Ether Gold Mining Company." Registered the 23rd day of December, A. D. 1897. I hereby certify that I have this day registered the "Ruth-Ether Gold Mining Company," as an Extra-Provincial company under the "Companies Act, 1897," to carry out or effect all or any of the objects hereinafter set forth to the legislative authority of the Legislature of British Columbia, to-wit: The head office of the company is situated in the City of Spokane, State of Washington, U. S. A. The amount of the capital of the company is one million dollars, divided into one million shares of one dollar each. The head office of the company in this Province is situated at Roseland, and Robert Nell (miner), whose address is Roseland aforesaid, is the attorney for the company. The time of the existence of the company is fifty years.

The objects for which the company has been established are: To work, operate, buy, sell, lease, locate, acquire, procure, hold and deal in mines, metals and mineral claims of every kind and description within the United States of America and in the Provinces of British America, to carry on and conduct a general mining, smelting, milling and reduction business; to purchase, acquire, hold, erect and operate electric light and power plants for the purpose of furnishing light and creating power for all purposes; to bond, buy, lease, locate and hold ditches, flumes and water rights; to construct, lease, buy, sell, build or operate railroads, ferries, tramways, or other means of transportation, for transporting ore, mining or other material; to own, buy, lease, sell, bond or locate timber claims, and finally to do everything consistent, proper and convenient and requisite for carrying out the objects and purposes aforesaid, in the fullest and broadest sense, within the territory aforesaid. Given under my hand and seal of office at Victoria, Province of British Columbia, this 23rd day of December, one thousand eight hundred and ninety-seven.

S. Y. WOOTTON, Registrar of Joint Stock Companies.

Certificate of Improvements.

Free Colonge mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: At the head of Bear and Champion creeks and about 300 feet south of the Jeff Davis mineral claim. Take notice that I, F. A. Wilkin, acting as agent for T. B. Garrison, free miner's certificate No. 97,731, T. C. Collins, free miner's certificate No. 83,545, Nils Pearson, free miner's certificate No. 85,469, 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. F. A. WILKIN. Dated this 9th day of March, 1898. 3-10-08

Certificate of Improvements.

April Fool mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: On Lookout mountain adjoining the Oriental. Take notice that I, N. F. Townsend, acting as agent for George D. Johnston, free miner's certificate No. 97,731, T. C. Collins, free miner's certificate No. 83,545, Nils Pearson, free miner's certificate No. 85,469, 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. N. F. TOWNSEND. Dated this 1st day of March, 1898. 3-10-08

Certificate of Improvements.

April Fool mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: On Lookout mountain adjoining the Oriental. Take notice that I, N. F. Townsend, acting as agent for George D. Johnston, free miner's certificate No. 97,731, T. C. Collins, free miner's certificate No. 83,545, Nils Pearson, free miner's certificate No. 85,469, 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. N. F. TOWNSEND. Dated this 1st day of March, 1898. 3-10-08

Certificate of Improvements.

Penobscut mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: Near the source of Stony Creek, northeast of Roseland. Take notice that I, William Bauer, acting as agent for Charles Nelson, certificate No. 16,258A, Jas. Stark, certificate No. 6,954, James Byrne, certificate No. 50,726A, 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 27th day of January, 1898. 2-3-08

Certificate of Improvements.

Jeff Davis mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: At the head of Bear and Champion creeks. Take notice that I, F. A. Wilkin, acting as agent for T. B. Garrison, free miner's certificate No. 97,731, T. C. Collins, free miner's certificate No. 83,545, Nils Pearson, free miner's certificate No. 85,469, 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. F. A. WILKIN. Dated this 9th day of March, 1898. 3-10-08

Certificate of Improvements.

Baltic Fraction mineral claim, situated in the Trail Creek Mining Division of West Kootenay district. Where located: On Red Kootenay, between the Surprise, You Know, and Champion mineral claims. Take notice that I, Saml. L. Long, acting as agent for C. H. Mackintosh, free miner's certificate No. 8,775 A, 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 24th day of February, 1898. 2-24-08

Certificate of Improvements.

Spitzee mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: On the west boundary of Roseland township. Take notice that I, J. A. Webb of Roseland, 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. J. A. WEBB. Dated this 31st day of January, 1898. 2-3-08

Certificate of Improvements.

Gladiator mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: At the head of Champion creek and about three-quarters of a mile north of the Jeff Davis and Free Coinage mineral claims. Take notice that I, F. A. Wilkin, acting as agent for A. B. Ralton, free miner's certificate No. 79,285, 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. F. A. WILKIN. Dated this 2nd day of February, 1898. 2-3-08

Certificate of Improvements.

Black Hawk No. 2 mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: On the east side of Champion creek about four miles north of Roseland township. Take notice that I, F. A. Wilkin, acting as agent for R. Miller, free miner's certificate No. 58,458, 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. F. A. WILKIN. Dated this 2nd day of February, 1898. 2-3-08

Certificate of Improvements.

Big Chief mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: About one-half mile west from Barney O'Brien ranch. Take notice that I, N. F. Townsend, acting as agent for John S. Colton-Fox, free miner's certificate No. 5,206A, 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. N. F. TOWNSEND. Dated this 7th day of March, 1898. 3-17-08

Certificate of Improvements.

Red Bird mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: About 4,000 feet north of the International boundary line six miles west of the Columbia river. Take notice that I, N. F. Townsend, acting as agent for John S. Colton-Fox, free miner's certificate No. 5,206 A, and Campbell Sweeney, free miner's certificate No. 96,726, intend, 60 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. N. F. TOWNSEND. Dated this 7th day of March, 1898. 3-17-08

Certificate of Improvements.

Blue Bird No. 3 mineral claim, situated in the Trail Creek mining division of West Kootenay district. Where located: About 4,000 feet north of the International boundary line six miles west of the Columbia river. Take notice that I, N. F. Townsend, acting as agent for John S. Colton-Fox, free miner's certificate No. 5,206 A, and Campbell Sweeney, free miner's certificate No. 96,726, intend, 60 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. N. F. TOWNSEND. Dated this 7th day of March, 1898. 3-17-08

Certificate of Improvements.

Ninety days after date I, J. C. Hole, intend to apply to the chief commissioner of lands and works for permission to purchase 30 acres of land, more or less, situated on Sheep creek, in the Osoyoos Division of Yale District, British Columbia, commencing at post marked "J. C. Hole's N. W. corner post" close to the south line of B. H. Lee's land, running thence east 80 chains, thence north forty chains, thence north 50 chains more or less to the intersection of the north forty chains, more or less, to point of commencement. Dated this 10th day of February, A. D. 1898. (Signed) J. C. HOLE.

Certificate of Improvements.

Ninety days after date I, Thomas Gambling, intend to apply to the chief commissioner of lands and works for permission to purchase 30 acres of land situated on Fourth of July creek in the Osoyoos Division of Yale District, British Columbia, commencing at post marked "Thomas Gambling's S. W. corner post," running thence north 50 chains, thence east 80 chains, thence south 50 chains more or less to the intersection of the north forty chains, more or less, to point of commencement. Dated this 8th day of February, A. D. 1898. (Signed) THOMAS GAMBLING.

