The Mining Review.

VOL. 6.—NO. 22. SANDON, B. C., SATURDAY, NOVEMBER 15, 1902. $2.00 PER YEAR.

Local News Notes.

Byron N. White returned Spokane Thursday.

B. N. Walton, of Slocan City is in the city renewing acquaintances.

Dr. Hendryx, of the Last Cance, came in Tuesday from California.

Remember the rink company's ball on November 27th.

The tax collector's rolls are out, but it is a question if the taxes are rolling in.

Don't fail to see Zamloch, the magician, in the opera house tonight, he has a world wide reputation.

Keep Christmas eve free to attend a Xmas tree and concert which will be given in the Methodist church.

Oscar White returned from Spokane Wednesday where he had been spend- a weeks visit with his family there.

His Lordship Bishop Dontenwill, of New Westminster, who is on a tour of his diocese, is expected in Sandon shortly.

The Payne concentrator which has been running steadily since the first of May last, is likely to continue so all winter.

How would you like to be an alderman? There are two vacancies in the city council and the positions can be for the asking.

W. B. Strathearn, manager for Chew Bros, was in the city Monday and states the building of their saw mills at Slocan City is practically an assured fact.

A number of Sandonites took in the K. P. ball at New Denver on Thursday evening. Some went by train and others formed a merry sleigh party and drove intothe Lucerne.

Mrs. Dr. Hendryx, who has been here for several months, left for her home in California on Thursday. She was accompanied by Mrs. Scott part of the way, who is on a visit to friends.

C. P. Seale is back to town from the Similkameen, where he has been working since spring. He has great faith in the coal fields of that district, especially Ashnola, and brought back with him some fine samples from the workings.

The coal mines at Michel near Fernie, are closed down and employees living in the company's cottages have been given notice to quit. It is asserted 100 men are expected from the east shortly when the mines will start up again. This would indicate that the trouble is not over in that district.

Monday night the citizens of Sandon were somewhat surprised to see coming into town a lengthy K.&S. freight train—the really first one of any length for many months on the Kaslo and Slocan railway. For a while it had the effect of giving a great many an early day bouyant feeling, but this was just as suddenly dispelled when on investigation it proved to be only an emergency freight.

There are twenty-five men working at the Reco and the mine is shipping steadily about 22 tons each week.

The Presbyterian Sabbath school is laying plans for a Christmas eve. The plans include a Xmas tree, a musical and literary programme and refreshments.

Dan McDougall, who has been brakeman on the passenger train between here and Nakusp, is now running on the Boundary line.

The Highlander concentrator at Ainsworth is now running full blast and is treating 100 tons of ore daily. The force of men at the mine has been increased to fifty.

R. H. Trueman is now in his Sandon studio for a short stay. Parties desiring photos to send to their friends for Christmas should secure their sittings as soon as possible.

A hockey meeting was held this week and we understand that most of the old team can be gathered together. If such be the case Sandon will be heard of in hockey circles the coming season.

It is expected that the question of duties on zinc will be finally settled on Monday next, when the fate of the Slocan will be known. Meanwhile the ore shipped from here is held up at Northport by the custom officials.

Harry Nash returned from his hunting trip around Slocan Junction on Tuesday, but without any big game. He says that deer are plentiful in that neighborhood; but the inclement weather and heavy snow fall made pursuit impossible.

The McMillan Fur & Wool Co. have placed their circular of Nov. 1st on file at our office for reference. This house was established a quarter of a century ago, and on account of their extensive business, they are in a position to pay high prices. Shippers find their dealing with them very satisfactory.

The Ladies Aid Society of the Presbyterian church met on Wednesday at the home of Mrs. Atherton and elected the following officers for the ensuing six months. President, Mrs. Robb; 1st vice-president, Mrs. Atherton; 2nd vice-president, Mrs. Crawford; secretary, Mrs. Vallance; treasurer, Mrs. Fallows.

The Kamloops Sentinel has the following to say of Prof. Zamloch, the magician, who performed in the opera house last night and will appear there again this evening: "It is rare that a really good performance comes to Kamloop, but Zamloch, the magician, has proved a welcome exception to the rule. The exhibition of legerdeman given by him in the K. M. & A. A. hall last night was of a high order of merit, equal to anything in the same line to be seen at any time in the large cities of the world. He is neat and clean in his work and is a clever exponent of the magic art. The attendance was very good, but if merit counts for anything there should be a crowded house tonight, when a complete change of programme will be given."

Mining Conference at Nelson.

We are in receipt of a circular sent out by the Nelson Board of Trade inviting all those who are interested in the lead industry to attend a conference in their rooms at Nelson on the 24th inst. The object of the meeting is to receive expressions and consult with W. A. Galliher, member for the district in the Dominion house on the best means or methods that may be adopted by the government to assist in the development of this important industry.

Hotel Reco Arrivals.

J Tyfe, J J Doran, Montreal; H T Twigg, T J Black, New Denver; J M McGregor, Slocan City; W J Nelson, A E Munson, Winnipeg; F H Hawkins, Percy O Molson, city; H A Small Chas M James, Vancouver; W P Tierney, F N McKay, Nelson; W R Wilson, A Milloy, Rossland; D W Moore, Trail; M R Rathborne, A Stewart, Silverton; Wm Marx, A F Zamloch, San Francisco; H Giegerich, W D Potter John L Rettallack, Kaslo; N K McBroom, Spokane.

Presentation to Father McKinnon

Rev. Father McKinnon, who has been in charge of St. Joseph's church here during the absence of Father Cote in Europe, has returned to his home in New Westminster. During his sojourn here he made himself very popular with the congregation, and they regret his departure from their midst. Before going away he was presented with a small purse of money, which would have been largely increased had it been known in time he was leaving Sandon. The presentation was made by the Misses M. and A. McKinnon, and although taken by surprise, the reverend gentleman made a feeling reply and thanked the donors for their kind remembrance, which he said was quite unexpected and undeserved.

Lead Miners on Tariff.

At an informal meeting of mine operators held at 7.30 p. m. on Wednesday, last in the office of E. M. Sandilands to discuss the lead question, the following resolution was passed:

That in view of the fact that the invitation to the Board of Trade meeting to be held at Nelson, which has just been read, is a general one to all directly or indirectly interested in the lead industry, therefore be it resolved:

"That it is the sense of this meeting that the interest of the lead miners will be best conserved by a direct expression of opinion, it is advisable that a meeting of all those engaged in or directly interested in lead mining, be called at at Sandon on Thursday, the 20th inst., at 7.30 p m, and that Messrs, Harris, Hughes and Garde be and are hereby appointed a committee to issue invitations to such persons as are directly interested."

Metal Quotations.

Silver, 50⅝c per oz.
Copper, $11.75 per cental
Lead, $4.12½ per cental
Spelter (zinc) $5.45.

Blue Bird to Ship.

The Blue Bird people are stoping and sacking ore from their late find. Already one car lot is sacked and two others are being broken down. As the trail is not in a proper condition at the present time, it will probably be a week or ten days yet before they commence to do so.

Sandon Ore Shipments.

The following are the ore shipments from Sandon for the week:

Mine.	Tons.
American Boy	21
Payne	20
Ivanhoe	20
Soho	21
Total	82

Bonds California Property.

Mark Manley, one of the first mining men to penetrate the Slocan has made a nice cleanup in Trinity County, California. About a year ago he sold out his Slocan interests and since that time he had been looking over gold property in the northern part of California. He finally took a bond on the Enterprise group last September, and has just returned from the east where he has been successful in transfering his bond to a company whereby he realizes in the neighborhood of $100,000 on the transaction.

Two Feet of Ore Struck.

Some few weeks ago J. R. Cameron took a bond and lease on the Reliance mineral claim about one mile and a half below the city on the C. P. R., right-a-way, and just opposite the Payne ore house, since which he has been quietly having it worked. This week he was rewarded by running into a two foot body of quartz and ore of an average value.

The quartz carries both gold and silver values and the exact percentage of each it carries will not be known until assay returns are received. About forty feet of tunnelling was done on the property previous to Mr. Cameron acquirrng it, giving evidence of a strong lead.

An independent smelter company is being organized in New Mexico with a capitalization of $5,000,0000. This company has the exclusive control of the rights and patents of Charles A. Wessels which process, it is said, will treat lead ore at $2 less per ton than any present process operating and copper ore for $4 less per ton. One of the first smelters to be erected will be at Aberdeen, New Mexico.

The Mining Review.

SATURDAY, NOVEMBER 15, 1902.

We reproduce the following extract from one of Israel Tarte's recent speeches in Eastern Canada:

"Canada tried to negotiate a tariff but our neighbors would not be friendly. We are closing up an epoch of apathy, and indifference, and before long we may bring you to time by putting up our fence. That, I think, would have a good result. We are not as big as you, but you cannot swallow us in one mouthful. National pride is running high in Canada, and we are going to protect ourselves, and in so doing we will bring you to time. We have a country full of natural resources. We have iron, gold, lumber and magnificent fisheries. You want our iron and gold and lumber, don't you? You are joint owners with us in the great waterways, but we are sole owners of the St. Lawrence route. Our waterway from Chicago to Liverpool is 500 miles shorter than your route, and I think you will use our waterway when it is completed, although I don't care whether you do or not. There is a strong national sentiment on this subject."

This statement shows a very patrotic spirit on the part of Mr. Tarte and should meet with the hearty endorsation of all true and loyal Canadians. Any overtures on the part of United States for a reciprocal treaty should be rejected as they have all to gain and Canada would not derive any real benefits from such a treaty. It would permit our country to be developed at our expense to build up our neighboring country. There was a time when this would have proved a general blessing to the Dominion but that time has long since passed. As it is now, the United States has so organized its industrial system to compete in all countries foreign to itself and could well afford at the present time to have our tariff fence removed; it would then completely undermine our infantine industrial system and we would be then at their mercy. Just so long as we would be able to compete in an open market, just so long would we be able to withstand their onslaught. Our own industries should be hatched by the same process that those of the other side have undergone and is still being carried out, and when we have become as financially strong, we would then be in a position to lower the fence. Then, what Canada mostly desires is a high protective tariff wall to keep out their marketable products and encourage our own people by protection, or otherwise, so that Canadians may enjoy what benefits might accrue from home manufacture.

The colonial conference from which so much was expected to strengthen the trade interests between Great Britain and her colonies, has apparently ended in a fiasco. Sir Wilfrid Laurier asked the British Colonial Secretary for a preference of Canadian goods in the British market over that of foreign countries, in return for the perference given goods from Britain in Canada over that of other nations, and also that the duties recently imposed on produce going into England should be rescinded as far as Canada was concerned, and thus enable her to compete with the world in the British market. This Mr. Chamberlain could not see his way clear to grant, much as he would like to see the colonies bound to the Mother country. Sir Wilfrid in turn did not fall in with the Colonial Secretary's imperial defence scheme, and the support Canada should give in the cost of its maintainance, wisely declaring he would not drag his country into the maelstrom of militarism without first appealing to the people. Practically nothing was accomplished at the conference beyond filling in time and the delegates returned to their different countries in the same manner as they left.

EASY TO FIND

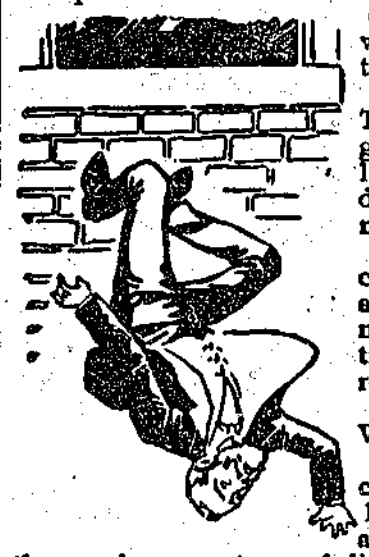
When you find a medicine that makes your regular food taste good, when you find a medicine that strengthens a weak stomach—then you know you're going to put some flesh on.

Scott's Emulsion does these things. We recommend it whenever the system needs more flesh. If you are thin and able to eat begin regular doses. That's your part. Scott's Emulsion will do the rest. Not flabby—but solid flesh.

We'll send you a little to try, if you like.
SCOTT & BOWNE, Chemists, Toronto.

ACCIDENTAL?

The jury returned a verdict of accidental death on the man who fell from the window ledge on which he had fallen asleep. But the death was really due to carelessness which made the accident possible.



There are a great many lives suddenly terminated as a result of carelessness, although the medical certificate may read "heart failure." When a man takes chances with his stomach and neglects the warning symptoms of disease, he is carelessly inviting calamity.

Dr. Pierce's Golden Medical Discovery cures diseases of the stomach and other organs of digestion and nutrition. It enables the perfect digestion and assimilation of food, which makes strength. It stimulates the liver, cures biliousness, and removes bilious impurities from the blood.

"I had been troubled with a pain in lower part of my stomach for three years, so severe I thought it would kill me in time," writes Mr. Aaron Van Dam, of (Kensington) 2549 119th St., Chicago, Ill. "I could hardly work; it felt like a big weight hanging on me and got so bad that I had to take medicine. I used Stomach Bitters for a time, but it did no good so I wrote to Dr. R. V. Pierce for advice, which he gave me immediately. I followed his directions; used two bottles of his medicine and was cured. I had a torpid liver which was troubling me instead of cramps (as I thought), so Dr. Pierce told me. I have pleasure in living now; have gained in weight 15 pounds since then."

Dr. Pierce's Pleasant Pellets cure constipation. They do not beget the pill habit.

Politics at home and abroad. The breach in the Dominion cabinet has been mended by the appointment of Raymond Prefontain, M.P., of Montreal, as Minister of Marine and Fisheries, and Hon. Jas. Sutherland, to the Department of Public Works. The usual crop of protests in Ontario are being aired in the courts and will decide the fate of the government of that province. Dunsmuir is still premier of B. C. despite all reports to the contrary, and there are still two vacancies to be filled in our city council.

According to the Kootenay Mail John Houston is likely to contest the new constituency of Ymir in the next provincial election. John is wise. Even should he receive the nomination in his present riding he is sure of defeat at the polls. John's power is on the wane and his star of destiny has set so far as the city of Nelson is concerned. He can be very expressive in larguage at times, and always has a bouquet or a brick ready for use as the case may be. He lets one or the other fly and sometimes both. It's just a way he has, but it don't take nowadays.

The outlook for the Slocan is anything but bright at the present. Even if the duties and rates on zinc are settled very little will done in the matter until the spring. Meanwhile the majority of the mines are closed down, awaiting the rise in price of lead and silver or something to give them encouragement to resume operations, and the district is likely to witness the dullest winter in the history of the camp.

For the first time in its history the post office department of Canada has a surplus. To Mr. Mulock, postmaster general, belongs the credit of changing a yearly deficit of $800,000 into a surplus of $5,000, and making his department self-sustaining.

The prospects for zinc are beginning to sink, as all the ore shipped from here to Missouri is held in Northport by the custom authorities pending instructions from the Washington government in regard to duties.

NOTICE.

In the matter of an application for a duplicate of a Certificate of Title to Blocks 3 and 10 of Lot 691, Group I, Kootenay District (Map 689).

NOTICE IS HEREBY GIVEN that it is my intention to issue at the expiration of one month from the first publication hereof a duplicate of the Certificate of Title to the above mentioned lands in the District of Kootenay in the name of James M. Barton, which Certificate is dated the 6th day of February, 1902, and numbered 1157 A.

H. F. MACLEOD,
District Registrar.

Land Registry Office,
Nelson, B. C.
9th September, 1902.

Certificate of Improvements.

NOTICE.

Twickenham Mineral Claim, situate in the Slocan Mining Division of West Kootenay District.

Take notice that I, A. R. Heyland, agent for E. Foyle Smith, Free Miner's Certificate No. B 59263, and Frank C. Clute, Free Miner's Certificate No. B 64506, 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 23rd day of September, 1902.

A. R. HEYLAND.

Certificates of Improvements.

NOTICE.

Silver Band, Twyford, Winton, Islington, Faringdon, Croydon Fraction, Rodney Mineral Claims, situate in the Slocan Mining Division of West Kootenay District.

Take notice that I, A. R. Heyland, agent for the Silver Band Mining Company, Free Miner's Certificate No. B 69117, 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 each of the above claims.

And further take notice that action, under section 37, must be commenced before the issuance of such Certificate of Improvements. Dated this 23rd day of September, 1902.

A. R. HEYLAND.

Wood's Phosphodine,

The Great English Remedy. Sold and recommended by all druggists in Canada. Only reliable medicine discovered. *Six packages guaranteed* to cure all forms of Sexual Weakness, all effects of abuse or excess, Mental Worry, Excessive use of Tobacco, Opium or Stimulants. Mailed on receipt of price, one package $1, six, $5. *One will please, six will cure.* Pamphlets free to any address.
The Wood Company, Windsor, Ont.

Wood's Phosphodine is sold in Sandon by E. F. McQueen and F. J. Donaldson, Druggists.

NOTICE.

To John H. Gray and to any and all others to whom he may have transferred his interest in the Rosedale, Flower and May Mineral Claims situated on Payne Mountain, in the Slocan Mining Division of West Kootenay District, British Columbia.

Take notice that I, D. E. Sprague, a co-owner in each of the said Rosedale, Flower and May Mineral Claims, have expended $102.50 in doing and having recorded the annual assessment work on said Rosedale Mineral Claim for the year ending October 22nd, 1902, as required by section 24 of the Mineral Act, and $102.50 in doing and having recorded the annual assessment work on the said Flower Mineral Claim for the year ending August 12th, 1902, as required by Section 24 of the Mineral Act, and $102.50 in doing and having recorded the annual assessment work on the said May Mineral Claim for the year ending August 12th, 1902, as required by Section 24 of the Mineral Act, and that within ninety days from the date of the first publication of this notice you fail or refuse to contribute your proportion of the said expenditure, being one-eighth of the amount expended in respect of each of the said mineral claims amounting to $12.80 in respect of each of said claims together with all costs of advertising, your interest in the said claims will become vested in me the undersigned under the provisions of Section 4. of the "Mineral Act, Amendment Act 1900."

The address for payment of the said moneys to me the said D. E. Sprague, is care of McAnn & McKay, Barristers, Kaslo, B. C.

Dated the 4th day of November, 1902.

D. E. SPRAGUE.

Church Services.

There will be service in the Catholic church tomorrow, morning and evening, when Father Cote who recently returned from Europe will officiate. While away he visited London, Paris, Switzerland and Rome. When in the Eternal city he paid a visit to St. Peter's and was fortunate enough to see the pope.

The Methodist church services will be conducted as usual on Sunday by the pastor R. J. McIntyre. Services at 11 a. m. and 7 p. m. In the morning will be the mouthly children service and the evening subject "Almost a Christian" Sunday school at 2.30 p. m. Junior league at 3.15 on Tuesday afternoon. Prayer meet and song service Tuesday evening begining at 8 o'clock.

St. Andrew's Presbyterian church, Sandon, Rev. E. G. Robb, M. A. pastor. On Sunday Nov. 16th services at 11 a.m. and 7.30 p. m. will be conducted by the pastor. Sabbath school and Bible class at 2 p. m. Weekly prayer-meeting Tuesday evening at 8 p. m. The pastor has just begun a series of studies on the Person and Work of the Holy Spirit for the prayer meeting hour. All are cordially welcomed to all the services.

Mrs. C. Cliffe and children left for the "Soo" on Monday morning to join her husband. She has been a resident of Sandon for about six years, and made a host of friends here who regret her departure and wish her every happiness and prosperity in her future home.

Harry Nash hardware merchant, has patented his acetylene gaslight and is waiting for supplies to arrive from the east before doing much with it. It is intention to bring his invention before the mine owners and managers for the lighting of bunkhouses, offices, etc.

The Silver-Lead Industry.

A fair oportunity seems to present itself for consideration by the government of the present condition of the lead producing industry of British Columbia. The mine owners of the Slocan district of Kootenay are producing ores which yield silver and lead, in varying proportions. With prices at the level of a few years ago it was possible for them to make a profit on their output. But so low is the present price of silver, and so low the figure they can obtain for their lead, that it is impossible for them to stand against the imported pig lead from the States or England. Accordingly we find within the last few weeks that an important mine, the Whitewater, near Kaslo, has been shut down and 120 hands are thereby out of work. Another mine in the same neighborhood is reported as likely to close, and in fact the silver-lead industry of Kootenay is in a despondent state for want of a profitable market into which to send their lead. The United States tariff against Canadian or other foreign lead ore is 1 1-2 cents per pound, so that at present low prices of lead the world over, British Columbia lead cannot be sold to that country at a profit. And if attempted to be sold in Eastern Canada, with 2,000 miles of freight added, it is met at Halifax or Montreal by pig lead from England on which the import duty is, owing to a preferential tariff, but one cent per pound, making the imported article as basis for paint manufacture or plumber's use, cheaper than our own. Now, say the silver-lead miners of Kootenay, give us another cent per pound duty, or even three-quarters of a cent, and we will fairly make things hum in lead production. They make out a reasonable case, and in view of the important character of the industry and the peculiar conditions which confront it, might not a bonus be the best method of rendering silver-lead mining assistance? We are menaced with lead not only from Mexice but from Germany, and the case of the Kootenay miners is an exceptional one. —Monetary Times.

Lochinvar Up-to-Date.

When young Lochinvar rode out from the west,
He claimed that his automobile was the best;
It was painted dark red and it brilliantly shone,
He went like a streak and he rode all alone;
He shot over ruts with a zipp and a jar,
And people fled madly from young Lochinvar.

With a whirr of his wheels and a hum of his cogs
He knocked down the children and ran over dogs;
He frightened the horses and laughed at their pranks,
And men who got angry he looked on as cranks;
He gave her the very last notch on the bar,
And a cloud of dust followed the gay Lochinvar.

He stayed not at bridges, he stopped not for stone,
He calmly took all of the roads as his own,
Till he came to a crossing and smashed through a gate
And endeavored to butt through a train load of freight—
They searched, and at last, lying under a car,
They found a few chunks of the bold Lochinvar.

The lady sat waiting to hear the loud hum
That would tell her the gallant had finally come,
But she waited with sighs and she waited in vain—
Those car wheels bore many a sickening stain,
And, to show you how pitiless some people are,
They said it was good for the young Lochinvar.

We have not advanced the price of our tobaccos. Amber smoking tobacco, Bobs, Currency and Fair Play chewing tobaccos are the same size and price to Consumer as formerly. We have also extended the time for the redemption of Snowshoe tags to January 1st 1904.

THE EMPIRE TOBACCO CO, LIMITED

PROVINCIAL SECRETARY'S OFFICE.

HIS HONOUR the Lieutenant-Governor in Council has been pleased to make the following appointments:—

4th October, 1902.

EVELYN MONTAGUE SANDILANDS, of the City of Sandon, Esquire, J. P., to be a "Stipendiary Magistrate" in and for the County of Kootenay, and to "Hold a Small Debts Court" in and for the territory comprised within the Slocan Mining Division.

Your Clothes Are Old...

You Want New Ones

Then why not get the best to be had in the country for the money. An immense stock of the best goods and latest patterns now on hand. You will be convinced by calling on

J. R. CAMERON, Sandon, The Leading Merchant Tailor in the Kootenay Country

COAL

You Want the Best.

We have it to Sell

Try Lethbridge Coal, then you will have the best and cheapest. This coal will make the hottest and brightest fires, besides it is earily handled, as it is very clean. We have it for all kinds of grate.

E. A. Cameron.

Spokane Falls & Northern R'y.

Nelson & Fort Sheppard R'y.

Red Mountain Railway.

The only all rail route between all points east, west and south to Rossland, Nelson and all intermediate points; connecting at Spokane with Great Northern, Northern Pacific, and O. R. & N. Co.

Connects at Rossland with the Canadian Pacific railway for Boundary Creek points.

Connects at Myer's Falls with stage daily for Republic.

Buffett service on trains between Spokane and Nelson.

Effective November 10th, 1901.

LEAVE.	Day Train.	ARRIVE
9:20 a. m	Spokane	7:15 p.m.
2:25 p. m	Rossland	4:10 p. m.
9:40 a. m	Nelson	6:45 p. m.

H. A. JACKSON, G. P. & T. A., Spokane, Wash.
G. K. TACKABURY, Agent, Nelson, B. C.

TICKETS TO ALL POINTS East and West VIA

GREAT NORTHERN RAILWAY

Short Line TO

St. Paul, Duluth, Minneapolis, Chicago AND ALL POINTS EAST

Seattle, Tacoma, Victoria, Portland AND ALL PACIFIC COAST POINTS.

Through Palace and Tourist Sleepers. Dining & Buffett Smoking Library Cars.

2 Fast Trains at Convenient Hours Between Spokane & Puget Sound

For rates, folders and full information regarding trips, call on or address any agent O. R. & N. Company.

A. B. C. Denniston, G. W. P. A. Seattle, Wash.
H. Brandt, C. P. & T. A. Spokane, Wash.

A. R. HEYLAND,

ENGINEER,

AND PROVINCIAL LAND SURVEYOR.

SANDON, B. C.

One of the World's Largest Ore Bodies

The possession of large quantities of the economic minerals is one of the chief sources of a country's wealth and prosperity. Canada is fortunately beyond other countries in that she possesses in addition to large bodies of coal and iron, a natural monopoly of nickel, asbestos and corundum. We are all more or less familar with the former minerals, but the importance of the last may be less readily appreciated, as it has never heretofore been found in large quantities. The development of the corundum deposits of Renfrew and Hastings by the Canadian Corundum company, however, has resulted in the Canada as the world's future source of supply for brasive material. It is generally known among manufacturers and workers in metals that the ideal abrasive, next to the diamond, is pure corundum, which, according to Dana's scale is next to the diamond in hardness. Corundum is pure crystalized alumina, just as the diamond is crystalized carbon. It will reduce to powder all substances save that gem.

The ancient Greeks and Romans in their search for the mineral to use in their manufactures and arts, discovered the impure variety of it known as emery. Emery contains about 30 per cent. of corundum intimately mixed with iron rust, a substance that lessens the value of the mineral as an abrasive for it does not cut, or adrade, while it heats the article to be ground or polished. The emery deposits are found in the Island of Naxos, in the Greecian Archipelago, and in Asia Minor, inland, whence it is transported on camel's backs to the seaboard. Many of the emery mines that are worked today were known to the ancient Greeks.

Pnre corundum has never been found save in the gem varieties of ruby and sapphire, the former in India and Burmah and the latter in Ceylon, and occasionally in China, until 1870, when it was discovered in the mountainous regions of North Carolina and Georgia. The superiority of corundum over emery is so great that many attempts were made to obtain a supply of corundum from these southern deposits. They proved, however, to be mere pockets, and the quality of corundum obtained from them was so variable that no dependence could be placed upon it; what little was obtained met with a ready sale at high prices.

In 1897, when the discovery of the deposits of corundum in Ontario was made public, but little interest was displayed in the announcement. It was regarded as an established fact that corundum did not occur anywhere in the world in sufficient quantities to ever become a factor in the abrasive market. These dosits, however, have proven to be inexhaustible, Craig Mine Mountain alone having in sight more than sufficient corundum to supply the world's markets for many years to come. This deposit contains the corundum now being worked by the Canada Corundum company. The hill or mountain which is over a mile long, wherever explored or examined, is found to be studded with crystals of corundum. The crystals vary in size from that of a lead pencil to masses weighing twenty pounds. It is difficult to estimate the extent of this deposit, because of its enormous bulk. The estimate contained in the government report puts the amout of mercantile corundum in sight at several millions of tons. Comparing the hill to a plum pudding, stuffed with corundum instead of fruit, the location of the mining operations may be likened to a modest slice. Although the world's market for the harder abrasives is now fifty thousand tons yearly, and the great increase in the use of iron and steel means a corresponding in the increase of corundum, there is no fear of the failure of this source of supply.

In 1899 Mr. A. C. Craig, who had already obtained possession of the Craig mine, organized the Canada Corundum company, which entered into an agreement with the Canadian government by which it wae granted the exclusive right to make the first choice of the remaining deposits. Next spring operations were commenced, and, although it had no experience of other people to guide them in treating the rock, the company has successfully solved the many problems that arose, and has now in operation a mill that turns out Craig Mine crystal corundum, running from 95 to 98 per cent. pure, which is 20 per cent. to 40 per cent. purer than any abrasive hitherto produced in comercial quantities Progressive manufacturers have been quick to realize that this article is certain to become the standard abrasive of the world, and now that it is produced in quantity, it is only the unprogressive that will continue to use emery. It is used by manufacturers of grinding wheels in Canada exclusively and has been adopted by almost every prominent emery wheel manufacturer in the United States. It is also being used extensively in England and Germany.

Back From New York.

Uncle Si.—I've hearn the New York Zoo is great.

Uncle Jo.—Wal, I guess! They've got the unmitigated ass, and money sharks, and country suckers, and Chicago lobsters, and Wall street bulls, and Stock Exchange bears, and peacocks of fashion, and monkey-faced dudes, and society apes, and old hen reformers, and gawkies, and snakes of vice, and Tammany tigers, and owl cars, and Standard Oil hogs, and doves of peace, and dogs of war, an'—

Uncle Si.—Say Jo, I want a gallon of that same cider.

We have not abvanced the price of our tobaccos. Ambersmoking tobacco, Bobs, Currency and Fair Play chewing tobaccos are the same size and price to Consumer as formerly. We have also extended the time for the redemption of Snowshoe tags to January 1st 1904.

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Our stock of stationery is the most complete in the district. We have on hand all the latest styles of fancy writing papers, tablets, envelopes, inks, etc.

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is constantly being added to, and our shelves will be found interesting to you.

Cliffe's Bookstore.

P. J. HICKEY GIVES HIS VIEWS

On the Silver-lead While Visiting at the Coast.

P. J. Hickey, manager of the Ivanhoe mine, while out at the coast in an interview with the Vancouver World reporter stated he could not see how an import duty on lead would benefit the Slocan silver-lead mines. "It is not advocated by a single silver-lead mining man in the province.' The total consumption of lead in Canada is only between thirteen and fourteen thousand tons and it is hardly likely that the British Columbia smelters would give the Slocan mines the benefit for that amount by a better rate. The smelters would be the gainers by a duty, not the mines. What is wanted is competitive smelting and freight rates and import tariff would destroy these.

'The silver-lead mines of Sandon will never be in a really prosperous condition until their products can go directly to the open market. Just now they go through several intermediaries. Before the establishment of smelters in this province we received New York prices for our lead but immediately local smelters were operated London quotations ruled. The loss is apparent when the quotations are compared. At New York the price received was $4.12 1-2 per hundred, the figure maintained by the Smelting Trust; the London rate is $2.30. Obviously the silver-lead mines were better off when there product was marketed across the line."

The world further states: "Mr. Hickey would like to see satisfactory arrangements entered into with the Smelting Trust which does not buy Sandon ores. By that means 40,000 tons could by disposed of annually. Mr. Hickey also mentioned that Mr. Van Osdel, whose company is about to operate a silver-lead refinery at Spokane, told him that under existing freight conditions they could treat his product for $9 and settle on New York quotations, less the duty.

"In common with other mining men, Mr. Hickey would like to see a reduction of the duty on mining supplies, fuse powder, caps, steel rails, etc."

General News.

The shipment of gold from Dawson this year is estimated at $11,000,000.

The British Columbia government have floated a loan of $3,500,000 in London to tide over the present financial difficulties.

The Nelson Board of Trade have called a special meeting for Nov. 24th, to discuss the lead mining industry and the revision of the tariff.

The Bank of Montreal's semi-annual report shows the net earnings of the bank for the six months ending October 21st to be $869. 822.85.

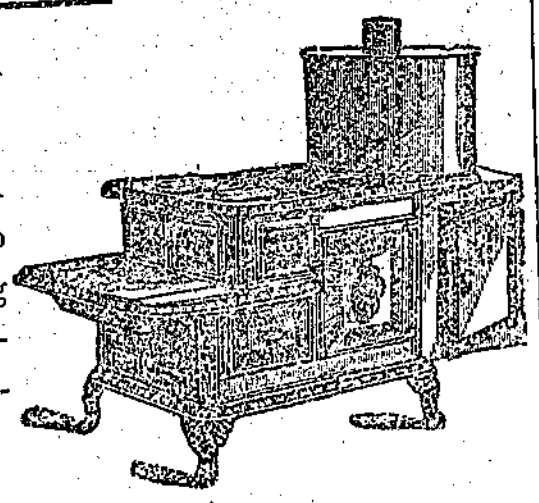
Word come from Montreal that the Crows Nest Coal company have decided to carry out their reorganizing plan which will involve the issue of $2,000,000 of bonds to be used to further develop their properties.

The Dominion cabinet have decided the law must take its course in the case of Rose who was condemned to death for the murder of Cole at Nakusp last summer. He is sentenced to be hanged at Nelson on November 21st.

The French coal miners' strike has collapsed. They agreed to submit their grievances to arbitration but rejected their findings and so lost the sympathy of the people. The attempt to organize a general strike has failed and the men are again returning to work.

Roland B. Molineaux of New York was set at liberty on Monday after spending four years in prison for the murder of Mrs. K. J. Adams. He was condemned to death once and placed on trial twice and was acquitted by the jury after they were out thirteen minutes. This trial has been one of the hardest fought in the United States.

Hardware.



I have placed in a stock of shelf and heavy hardware, suitable to the needs of everything in the district. It will pay you to call on me if you need anything in the line of Building and Mining Supplies before going elsewhere. My stock of

Stoves, Ranges, Tinware,

&c., is large and well assorted. Plumbing Steam-fitting, Sheet and Metal Roofing a specialty. Repairing neatly done.

Harry Nash,

Tinsmith & Plumber, - - Sandon, B. C.

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Of delightfully appetizing dantiness are not difficult of procurement or preparation, only two things are necessary to ensure success.

One—A knowledge of the large and wonderfully varied assortment of Canned, Preserved, Smoked, Dried and Pickled danties to be found in our stock of groceries, and the other—a small amount of money with to purchase an ample supply.

But whether you manage a home, hotel, or mine we can fill your order with high quality groceries at the right prices.

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Corned Beef, Pickled Ox Tongue and Salt Pork a specialty.

Always a choice supply on hand of all kinds of
Fresh and Smoked Meats,
Fresh and Salt Fish,
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The Mining Review

Consolidation in the Coeue d' Alenes.

It is admitted in New York that another step in the consolidation of the lead industry is about to be taken which will involve a consolidation of the lead mines in the Coeur d'Alene district. It is understood that the Guggenheims of the American Smelting & Refining company, who are now in the west on a trip of inspection of the company's plants, have such a consolidation in view, and are sounding the owners of properties on the scheme. There is now a well-balanced community of interest arrangement between the lead producers, which results in several conferences each year with the officials of the Smelting trust in regard to output and prices.

The product of the producers is almost exclusively handled by the American Smelting & Refining company, which mills the ore, turning out the lead, silver, gold and copper. It is believed that better results could be obtained if an actual ownership of the mines existed tnan under the present conditions where sharp competition occassionally develops.

In case their is a combination of the rich Couer d'Alene properties, the smelting interests would undoubtedly be the dominant factors. It would require millions in cash even should an exchange of smelting stock for the mines be determined upon. The product is undoubtedly under consideration, but it is thought to be a long way off at the present.

When it does take place, as some authorities state it will, the American Smelting & Refining company will then occupy a position almost identical to the United Steel Corporation in the steel and iron business. This will be seen when it is remembered that plans have been practically completed for a mammoth merger of all the lead manufacturers, including the sheet, shot, pipe, and white lead corroders. In this combination the Smelting Trust interests and those of the Standard Oil are the dominent factors.

Told by a Clergyman.

A certain clergyman who had often urged an old woman in his parish to go to church, so far prevailed upon her that she attend one Sunday morning. She attended and by some mischance got into a pew belonging to regular attendant. The verger went to her and beckoned to here to come out. At the same instant the harmonium commenced playing, whereupon the old lady, shaking her head at the verger, said; "It's nae use asking me—you mun git somebody else, as ah can't dance."

The Doukhobors who have been roaming over the Territories and Manitoba looking for Jesus, were rounded up by the Mounted Police, forced into the cars and dumped off at Yorkton. These people have caused the Manitoba government no end of trouble the past few weeks and the Liberal government of the Dominion has been severely criticized for allowing them into the countay at all, as they are a most undesirable class of settlers.

Monogram Paper.

A MOST acceptable Christmas Gift is a box of "Ryrie" stationery, stamped in relief with a monogram.

We engrave a steel die with any three letters, as shown above:

Stamp from it 120 sheets of choice note paper:

And furnish envelopes to match, for a total cost of $4.00.

The "die" will last a lifetime.

Write for our new catalogue.

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He Am De Fish.

De trout he'll sometimes loaf an' wait,
Den kinder wink at you;
De bass he catch right holt de bait,
An' break your pole in two.
De perch he am so dreadful small
He scarcely makes a taste,
An' de carp, whene'er he bites at all,
Am only so much waste;
De eel am such a slipp'ry t'ing
A nigger 'fraid ob him;
While de turtle he am sho'ly king
Of all de frauds dat swim.
But de catfish wid de forked tail—
De fish wid de yeller sides—
De one dat bites in calm or gale
Am de fish to stuff our hides.
He takes yo' bait an' gulps in down,
Clean down to his livin' place;
He am de fish, fried good an' brown,
Dat sho'ly fits my case.

An American dispatch tells of a full-back during a foot-ball game stabbing an opponent as he was approaching his goal with the ball. It did not state whether or not he crossed the line.

The difficuties existing between the Hot Air line and the V. V. & E. railway have been peacefully adjusted at last, and the latter are laying the rails into their depot at Columbia. The spur to the Granby smelter at Grand Forks will be built without delay, and the line extended to Phoenix as soon as possible.

Twenty people were killed and over eighty injured by a premature explosion of fireworks in Madison Square Garden, New York, intended to be used in celebrating the Republican victory in the recent election. Celebrations in the neighboring republic are nearly always attended by some disaster to mar the occasion.

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P. O. BOX 182.
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NOTICE.
Commencing Sunday, August 17th, 1902, the following time card will be in effect on Kootenay Lake and K. & S. Ry.
KASLO & SLOCAN RAILWAY.
KASLO-SANDON ROUTE.
9:00 a.m. leave.....Kaslo.... arrive 3:15 p. m
10:40 a.m. leave..Whitewater..leave 1:42 p. m
11:00 a m. leave....McGuigan....leave 1:22 p. m
11:25 a.m. arrive.....Sandon.....leave 1:00 p. m
A direct connection is made at Kaslo with steamer both to and from Nelson.
STEAMER SERVICE.
KASLO-NELSON ROUTE.
5:00 a. m. leave.....Nelson....arr .m
3:35 p.m. arrive....Kaslo.....leav .m
Calling regularly at Ainsworth and Pilot Bay and at all way landings on signal.
Connecting at Nelson with Nelson & Fort Sheppard Railway both to and from Rossland, Spokane, Etc.
Tickets sold to all points in United States and Canada via Great Northern, Northern Pacific, O. R. & N. Co., &c., &c.
Ocean and steamship tickets and rates via all lines will be furnished on application.
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