

# THE CASCADE RECORD

Published in the Interests of the Boundary and Christina Lake Mining Districts

VOL. II.

CASCADE, B. C., FEBRUARY 3, 1900.

No. 13.

## SIX DAYS TO SIX HOURS

The Johnson Process of Forced Filtration a Success.

### REMARKABLE EXPERIMENTAL RESULTS

Can Extract Eighty-six Per Cent of Values in Republic Ores in Three Hours—Time Reduced From Six Days To Six Hours.

The experiments which are being conducted by S. H. Johnson, the London metallurgist, on the treatment of Republic ore by what is known as the "Johnson" process, have been very satisfactory, although better results are expected.

His experiments were made with roasted ores of the Republic mine and resulted in the extraction of 80 per cent of gold in two hours and 86 per cent in three hours' treatment. Mr. Johnson is now proceeding to make tests with treatment occupying four, five and six hours.

The process is one of forced filtration and Mr. Johnston states that the filtration in his experiments has taken but one minute, and the washing and displacing of the solution takes five minutes.

When it is considered that in the process now in operation in the Republic mine filtration by percolation occupies six days, it will be seen that a great saving of time can be made by the forced filtration process. In talking of the new tests which have been made the Republic Miner says:

"He has been using bromide of cyanogen in his experiments to assist the action of the cyanide of potassium, but in his next trials will use the straight cyanide and will extend the experiments from one to 12 hours and thus be able to compare the respective merits of the direct cyanide and the bromo-cyanide processes.

It is believed that the ores of Republic camp can be treated by the Johnson process at a cost much less than that of the present system, and it will be possible to handle even the lowest grade ore of the camp at a profit by the new method.

Mr. Johnson says that these roasted ores are the best he has ever seen for filtration, so far as his experiments have yet progressed. They filter twice as well as the best ores of West Australia and in one-fifth the time.

In West Australia the best ores are treated for \$1.40 per ton, and it is more than possible that Mr.

Johnson's experiments may demonstrate that the Republic ores can be handled for equally as low a figure, in which event it would be possible to treat ores of as low a grade as \$5 per ton and still secure a good profit.

The securing of 86 per cent extraction in a three-hour treatment is quite an achievement in itself, but Mr. Johnson says he will not be satisfied until he can secure the extraction of at least 95 per cent of the values in from four to six hours. If this result can be obtained the success of the process in this camp is assured.

An extraction of 33 per cent of the silver values are secured, and Mr. Johnson believes that this also can be increased. It is doubtful, he says, however, if the increase of extraction in the case of either the gold or silver can be carried past a certain point without increasing the expense to such an extent as to annul the profits, and it is to the ascertaining of this exact point that he is now bending his energies, it having already been demonstrated that the ores of the camp are amenable to the treatment."

### JOHN MCKINLEY LOSES HIS WAY.

Forty-eight Hours in the Snow and Ice Fastnesses of the Mountains.

On Wednesday of last week, early in the morning, a young man came to this office to inquire about the Dewdney trail. He desired to go to Rossland and asked if we thought it safe to take the trail cutoff. We earnestly advised him not to attempt such a dangerous task. He was thinly clad and had no overcoat. In this connection we find the following in the Rossland Record of Tuesday last. The McKinley referred to is the man who came to this office the Wednesday previous:

John McKinley had a terrible experience in walking over the Dewdney trail from Cascade City, narrowly escaping death from the cold. He started last Wednesday to walk over the trail from Cascade to Sophie mountain, but lost his way on the first summit before coming to Sheep creek. With no blankets and unable to find shelter he wandered around in the snow and the bitter cold until Friday, when he found the trail again. He then made his way to the Evening mine on Nigger mountain, having traveled between 20 and 30 miles. His feet were badly frozen and he could not have traveled much farther without giving out entirely. He was taken good care of at the Evening till Saturday afternoon,

when Hugh Hastings, the superintendent of the Arthur, brought him to the city on his horse and took him to the Sisters hospital. He is doing well and will suffer no permanent injury from his experience.

### Too Much Exaggeration.

No good can come to the individual or the mining camp which he represents from the exaggerated reports of rich finds that are so much in vogue at the present time. From the new districts and the old ones now being revived the daily newspapers are bewildering with statements of ores being found which run into the hundreds of dollars to the ton. Experienced miners understand that in a new property a very rich assay represents a very small find, both to the assay test and the ore in view, whereas the statements are so contrived as to convey the idea to the uninitiated that the ore is both rich and abundant. For the good of the state and the industry as a whole such reports should not be made. The truth is good enough and will always prove the more profitable.—Mining World.

### THE TABLES ONLY LEFT.

The Banquet was Necessarily Postponed—It Had Been "Swiped."

The ladies of the Bell-street Methodist church, Ottawa, were shocked last Thursday night on discovering that their banquet had been stolen.

There was to have been a church social in the school room and the ladies of the congregation had worked hard all the afternoon, decorating fourteen tables in the room. Shortly after 5 o'clock everything was in readiness and the ladies retired to prepare for the evening entertainment, which was to commence at 7.30 o'clock. About 7 o'clock, the first of the ladies returned and were astounded at finding that the entire feast had disappeared. All the viands, knives, forks, plates, dishes, spoons, tablecloths,—everything, had vanished and the fourteen tables were bare. At first it was supposed that someone had perpetrated what was intended for a practical joke, but soon it became apparent there was no joke about the matter and the social was indefinitely postponed. The case has been placed in the hands of the police, but nothing so far has been discovered as to who are the perpetrators of the outrage.

She—Guess what I paid for my new hat? He—Nothing; I paid for it.

## TWO BIG CONTRACTS LET

S. F. Quinlivan Gets the Open Work, Olaf Oleson the Tunnel.

### FIGURES NONE OF PUBLIC'S BUSINESS

As Soon as Conditions are Favorable Large Forces of Men will Begin Work on Cascade Water Power and Light Co's Flume.

The tenders submitted by contractors, in numbers reported to be twelve, to the Cascade Water Power and Light Co., to drive a tunnel 400 feet and remove 20,000 cubic yards of rock, were passed upon by the authorized agents of the company the forepart of this week, the result being announced that S. F. Quinlivan had been awarded the task of removing the rock in the open, and Olaf Oleson that of driving the tunnel.

The amounts of cash payments involved in these two contracts are of considerable magnitude, their exactness being carefully concealed from general view, matters of which the agent here declares the public is no more entitled to know than it has to be conversant with the cost of his bread and butter.

Strictly speaking this may be a fact. But this community don't care a whit what he pays for his bread and butter, or whether he pays for it at all, for it cuts no figure in the weal or woe of the locality as a whole. In the more important matter of the power works it is different, as upon that hinges more or less its present commercial status.

In the interest of sub-contracting the work at the lowest obtainable figures, it is politic to keep the original sums under cover. However, the public can endure this slight privation with good grace; the development work will proceed whether the public is accurately posted in detail or not, and Cascade will rightfully enjoy the reputation of having the largest payroll of any town of its size in the Boundary, as close on to 100 men will be on the different lists.

As the agent here is uncommunicative and unnecessarily, we think, averse to any publicity as relates to the affairs of the company, we shall have to content ourself in keeping our eyes and ears open and holding frequent consultations with Madam Rumor, as to the progress of the works and any connected matters of public interest, avoiding at all times knowingly printing any misstatements.

## IN AND AROUND CASCADE.

The Chinese New Year is on. It does not make much noise in this community. The almond-eyed population is limited here.

The Board of License Commissioners will meet in Trail next Friday. Four applications, three for Trail and one for Phoenix, will be passed upon.

The Republic Pioneer says it cost the two candidates for mayor of Grand Forks \$3,000 each, and judges from this point of view that votes come high in that crotch of the Kettle river.

Mrs. G. K. Stocker was circulating a subscription paper Wednesday, in the interest of Grandma Southam, who lost everything by the burning of her home Tuesday afternoon. The generous-hearted citizens of Cascade responded liberally.

The Republic mine has ordered 40 carloads of machinery for its new big cyanide plant, from Chicago, Pittsburg, Cincinnati and New York. The C. P. R. obtained the entire contract for its transportation in competition with all the American trans-continental lines.

Mrs. W. M. Wolverton was taken seriously ill a week ago yesterday, a physician being summoned from Grand Forks. This week she has been very sick, but at last accounts was slightly improved. Mr. Wolverton came down from Summit City and remained here during the week.

Mr. Wm. Forrest, J. P. of Gladstone, was in town the early part of the week. In his honor Mr. R. Darrow and Miss Darrow entertained at a small party at dinner and cards in the evening. The guests included Mr. Wm. Forrest, Mr. Angus Cameron, Miss Kate Cameron and Mr. and Mrs. Thos. Mahaffy.

Ernest Bunting, who had been employed the past year in the retail department of the B. C. Mercantile & Mining Syndicate, of Cascade, severed his connection with that house this week, and Wednesday went to Greenwood. He will take a position with his father, H. Bunting, a lumber merchant of that city. Ernest is a sober, industrious young man, and no doubt will be successful wherever he goes.

The next social of the Presbyterian church will be held Thursday, Feb. 8th, in the north room of the Townsite Co's building. The prices of admission will be as follows: Adults, 25 cents; children, 10 cents; family tickets, admitting two adults and children accompanied by their parents, 50 cents. A pleasing programme is being prepared, and it is expected all will attend ready to do what they can toward a pleasant evening's entertainment.

## Cascade Public School.

The following marks show the relative standing of the pupils of the Cascade school during January: Third Class: Jennie McRae, 699; Jessie Hyde, 652; Ralph Wolverton, 640; Robert Thompson, 603; Willie Walling, 572.

Senior Second Class: Alonzo Scott, 600; Edwin Greer, 579; Herbert Greer, 533; Ava Black, 480; Duncan McRae, 457.

Junior Second Class: Jesse Baulne, 376; Andrew Thompson, 323.

Second Primer: Wilbur Greer, 375; Joseph Baulne, 352; John McRae, 312; Willie Thompson, 283; Mary Thompson, 265.

First Primer: John Thompson, 104.

## A Kind-hearted Stranger.

When Mrs. Southam, who is over 70 years of age, discovered her little home to be on fire, she attempted to run hurriedly up the hill from her daughter's where she was visiting at the time, and in doing so she over exerted herself and fell prostrated on the ground. Just then, a young man came to her assistance, lifted her up, said a few consoling words, and placed a \$5 bill in her hand. Mrs. Southam says she would like to know who he is, that she may thank him for his kindness. It is said he came in on the noon train that day. In speaking of the circumstance, we heard one lady remark, "He has a dear old mother somewhere, of whom he was thinking at the time." Surely such tangible, disinterested sympathy is worthy of more than a passing note.

Later—it was learned that the young man's name is Geo. Tunstall, who is representing the Hamilton Powder Co.

## Wanted to See the Priest.

One day this week a man was noticed loitering around in the vicinity of the new church. On being asked what he was looking for said, "I want to see the priest."

The "priest," Rev. Mr. McCoy, was not at home the first time the man looked for him, but next day he was found. It seems the fellow some thirteen years ago had taken an oath before a justice that he would never take another drink of intoxicating liquor. He has now repented of that act and desires to be absolved from the obligation, and thought the "priest" the proper party to appeal to in this case. Rev. McCoy told the gentleman that the agreement could not be annulled for it was made with God, and God would not consent to such a proposition, unless both parties to the obligation were agreeable to its abrogation, its violation would be a great sin. The man sorrowfully retired.

Keep your eye on Cascade.

# THE B. C. MERCANTILE & MINING Syndicate, Ltd.,

Is according to Original  
Arrangements to be  
Re-organized in March  
Next.

To this end instructions have  
been given to  
CLOSE OUT ALL

## Stock at Or about Cost!

This will give Miners, Prospectors, Householders, Hotel-keepers and Visitors the best trading opportunities they ever had or are likely to have.

### IT MEANS THAT FOR CASH

Goods can be bought at the following extraordinary rates:

Flour, \$1.50 per Sack  
Sugar, 14 lbs. for \$1  
Overalls, 65 cents  
Gloves, 50 cents  
Underwear, \$1.25 a Suit.  
Boots, \$1.00 to \$2.00 per pair Reduction  
German Socks 70c a Pair  
Ladies' Kid Gloves,  
Fownes, \$1.00  
Flannellette, 3 yds for 25c

And everything else in our big and varied stock at equally low prices.

Friends out of town can secure a share of these bargains by remitting cash with order, and utilizing express or parcel post facilities.

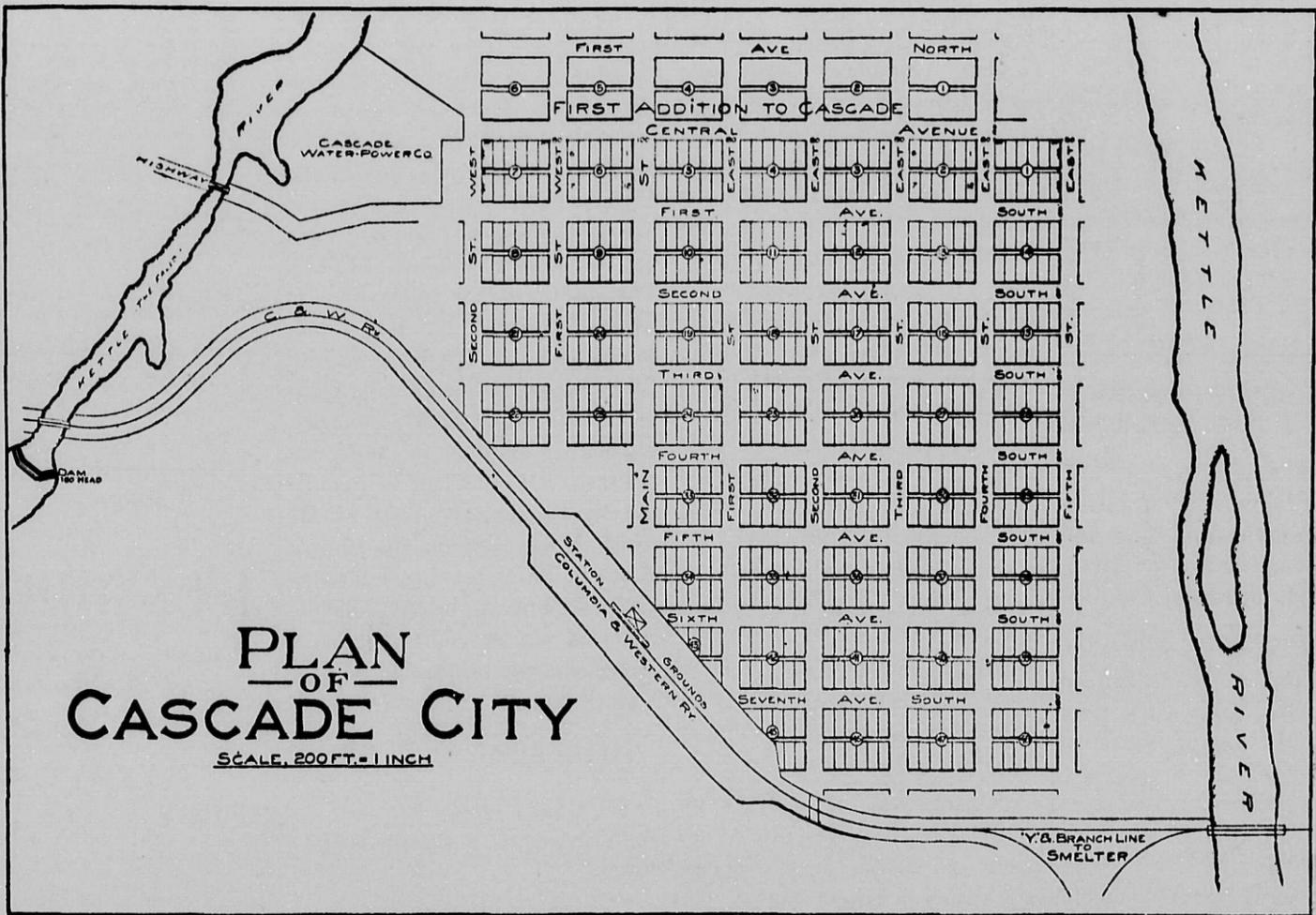
N. B. It must be particularly noted that we cannot guarantee continuance of above rates one single day after re-organization.

## The B. C. Mercantile and Mining Syndicate, Ltd.

....MAIN ST., CASCADE,

Long distance 'phone in connection. Assay prices as usual.

# CASCADE,

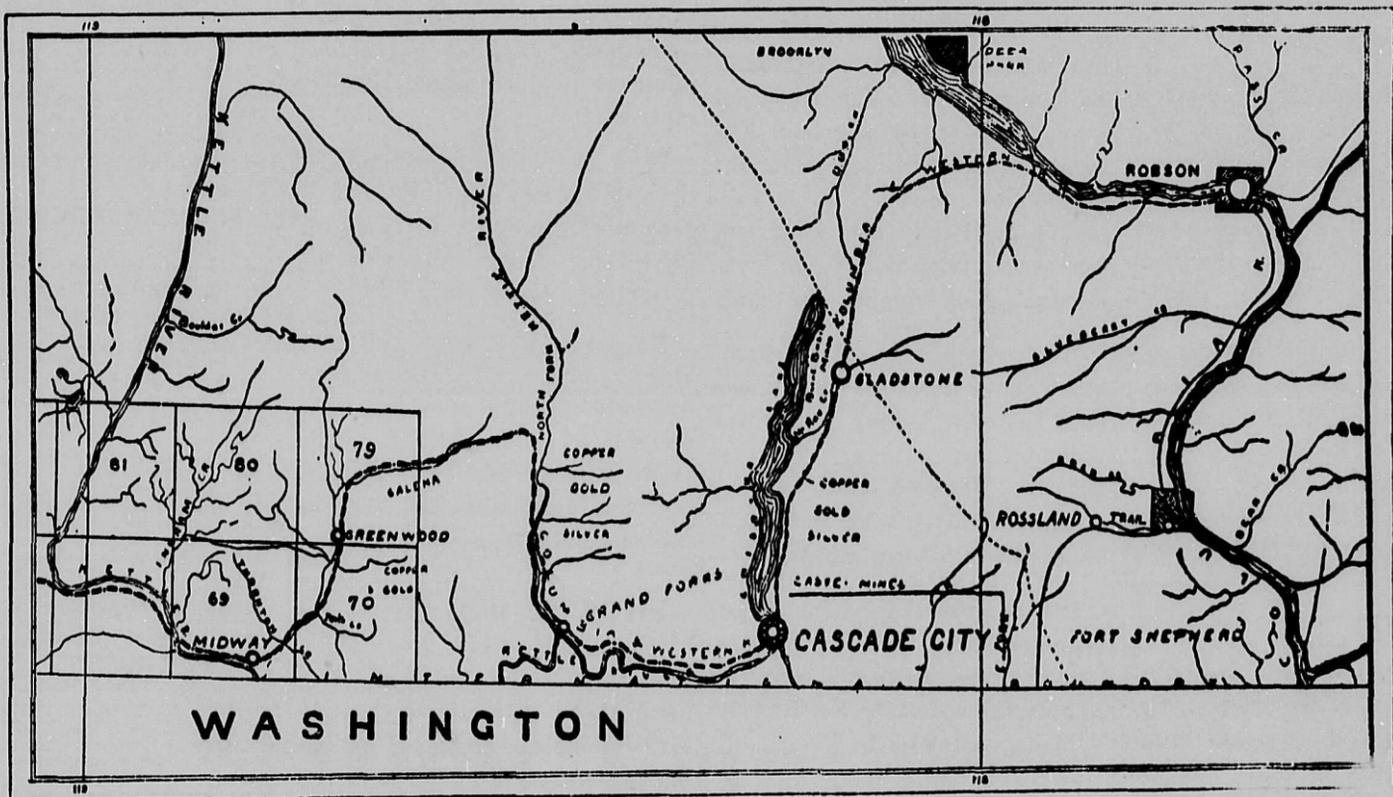


The coming Commercial, Industrial and Mining Centre of East Yale.

## The Gateway City

Of the Kettle River, Boundary Creek and Christina Lake Countries.

A Magnificent Water Power of 20,000 Horse Power.



The center of a marvellously RICH MINERAL DISTRICT. A most promising opportunity for business locations and realty investments. A most advantageous smelter location and railroad center. One mile from Christina Lake, the Great Pleasure Resort. For further information, price of lots, etc., address,

GEO. K. STOCKER, Townsite Agent, Cascade, B. C. Or L. A. HAMILTON, Land Com. C. P. R., Winnipeg, Man.

## THE CASCADE RECORD

Published on Saturdays at Cascade, B. C.  
H. S. TURNER, Editor.

## SUBSCRIPTIONS.

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The Record is on sale at the following places:

Simpson's Newsstand ..... Rossland  
Linton Bros. .... Rossland  
Thompson Stationery Co. .... Nelson  
H. A. King & Co. .... Greenwood  
R. F. Petrie ..... Grand Forks  
John W. Graham & Co. .... Spokane, Wash.  
Cascade Drug Co. .... Cascade  
Wm. Meadows ..... Cascade

If there is a blue mark in this square, your subscription is due, and you are invited to remit.

Out of 125 cases of small pox in Spokane, only three have proved fatal.

Mr. A. M. Johnson has transferred the Mugwump, Gold Bug and Sunrise mineral claims to Mr. J. A. Netherfield, of Rossland.

Lieut. J. W. Osborne, of Toronto, son of J. K. Osborne, was killed in action with Gen. Lyttleton's force Jan. 26th. He was 27 years of age.

Princeton is to have a local paper, by name, The Similkameen Star. R. E. Gosnell and James Anderson are the promoters of this enterprise.

The south half of the Colville Indian reservation, it has been officially announced, will not be opened for settlement for at least six months yet.

The Greenwood Fire department has purchased 100 chairs for the use of its members. It should now vote an appropriation for sole-leather with which to protect the seat of its pants.

Does the Nelson Miner class itself in the great array of "fool-newspapers" to which it so flippantly refers? If not, why not? According to its local contemporary, the Tribune, and most of the "fool-newspapers," it belongs in the list.

Jo-nah Martin is succeeding admirably in establishing an unenviable reputation in his political career in this province. The opposition, though descending to questionable methods to establish a "want of confidence" in the government, ought to feel a bit degraded in Joe's company.

P. Burns, the meat dealer, is building a costly residence in Calgary. This fact seems to annoy the journalists of both Rossland and Nelson. They charge Mr. Burns with putting an extra cent to the price of their meat to do this. Dollars to doughnuts, if he had put three extra cents to the price of meat and put up palatial residences in their towns, too, they wouldn't have yipped a solitary yip.

During the past week the war news has been of a gloomy nature. The British forces have been checkmated in every movement, and the outlook is not very encouraging. Spion Kop was relinquished immediately after capture, and the British forces retreated across the Tugela. Yesterday's latest news reported Gen. Buller engaged again and it is thought he was having another go at Spion Kop. As the Imperial government's eyes are gradually being opened to the immensity of the South African job now on its hands, its ideas of the size of the force needed to meet the enemy successfully are growing. There are already 213,000 troops with 452 guns in South Africa. Yet the Boers have scarcely been budged a foot. These times are the days of seriousness with the British empire in all its parts. Local, Dominion and Imperial parliaments are in session. But the matter of most deep concern is the great struggle in South Africa. In silent contemplation the nation awaits developments, with emotions of both hope and fear.

We see by the papers that Republic is making a move to improve the wagon-roads between that town and Grand Forks. The commissioners of Ferry county are acting in conjunction with C. P. R. officials, and agree to vote \$350 for the purpose named if the railway company, who is the greatest beneficiary, will appropriate \$1000. To enhance the value of real estate and generally improve business, there is nothing that will prove more beneficial than good wagon roads.

Stewart & Welch, says the Nelson Miner, have secured the contract for constructing the Nelson-Balfour railroad. The statement now appears to be affirmed. The successful bidders represent the firm of Mann, Foley Bros. & Larson, of St. Paul. The work will commence immediately, as the purchasing of supplies has begun.

Mr. J. A. Bertois of the B. C. livery stable has embarked in the hotel business, having rented the Cosmopolitan building for that purpose. Bert is a keen business man, has many friends and ought to succeed in his new venture.

It is reported that a San Francisco party is in the Boundary preparatory to organizing a company to work the bed of the Kettle river by hydraulic methods.

Ed. Johnson was taken to the Greenwood hospital on Tuesday by Constable Darraugh. Some time ago he got into an encounter and was badly hurt. Later he was found at the Central hotel in a bad shape, and was removed to the hospital on the advice of the physician. It is said that he

formerly worked at the Mother Lode mine.—Phoenix Pioneer.

## CASCADE LADIES' AID SOCIETY.

Financial Statement Covering Time Since Organization.

The Ladies' Aid Society of Cascade has a right to feel proud of the result of its labors for the past six months. The total receipts of the society during that period were \$143.55. In the same time, from July 14, 1899, to Feb. 1st, 1900, the total disbursements amounted to \$120.45, leaving a balance of \$23.10. The disbursements made were as follows: Church Building Fund, \$55.75; Home Missions, \$25.40; Bible, lamps, dishes, \$25.00; Klondike Nurse Fund, \$2.00; Sundries, \$12.30. In addition to the foregoing the ladies, previous to organizing the Aid society, raised \$45.00, which was applied on the Church Building Fund, making a total of about \$200 raised by the ladies in the past six or eight months, a record that would be creditable to a much larger place than Cascade.

## LOCAL HAPPENINGS IN BRIEF.

The Hotel Cascade has been doing a landoffice business the past week.

This week we have enjoyed frosty and sunny weather. Yesterday it began snowing.

Yesterday was "bear" or "ground hog" day, and there were no shadows to indicate a late spring.

The town has been full of strangers this week. The letting of the flume contracts has brought many here seeking employment on the work.

Rossland, in various ways, swelled the Mansion House fund \$2,500. Greenwoods "Pay, Pay, Pay" entertainment produced \$500 for the same fund.

Work has been commenced on the new railway depot here by a gang of carpenters. The new building will be located just west of the present temporary affair.

Mr. S. J. Quinlivan will put about 50 men to work next week on his contract, which consists of the removal of some 20,000 cubic yards of rock. He says on both contracts many more men will be needed than there are at present in town.

Mrs. Jos. H. McDonald arrived in Cascade Tuesday, from Priceville, Ont., and is stopping with her husband at the Hotel Cascade. Mr. McDonald is employed on the big dam works. The lady was accompanied by Miss Hanna Sullivan, the bride-elect of Mr. M. J. Quinlivan. We understand Mr. Quinlivan and Miss Sullivan have gone to Grand Forks to arrange for their marriage the forepart of next week. Mr. and Mrs. McDonald and others from Cascade will attend the ceremony.

THE  
**Keeley Institute**  
West Seattle.

THE only place in the Northwest where the genuine Keeley Treatment can be obtained. Fine building, good board, pleasant and healthful surroundings, and the arrangements admit of the strictest privacy for patients, either ladies or gentlemen. The Keeley Treatment affords the only safe and sure cure for the liquor, opium, morphine, cocaine, chloral, and other drugs, and also for tobacco poisoning. Parties interested are invited to call at the institute and investigate for themselves. All correspondence confidential.

C. H. NIXON, Mgr.

We do not keep "everything under the sun," but we have in stock just what you want when you start out in the hills or "up the line."

**J. LYNGHOLM,**

Clothing, Boots, Shoes, Etc.,  
CASCADE, B. C.

## ASSAYERS.

**SELBY BROS.** of San Francisco, California, Assayers and Mining Experts. To the Mining Public of the Pacific Northwest: We beg to advise you that we have opened a branch of our business at No. 205 1/2 Washington St., Portland, Oregon, to accommodate our numerous clients in the Northwest. As our name for prompt and reliable work in the past is known in every mining camp west of the Rockies, it will guarantee our future success. Our certificates are invariably accepted by banks and mining corporations as final. Numerous investors waiting for sound mining property. We are now ready for work. Send in your samples with letter of instructions and charges, and we will give you prompt returns. Our charges are—Gold and silver, \$1.50 Gold, Copper and Silver, \$3.00. Coal, Soil and other minerals, \$5.00 each. Check assays a specialty. **SELBY BROTHERS,** Assayers and Mining Experts, No. 205 1/2 Washington St., Portland, Oregon. Hand Power Stamp Mills for sale—\$80 complete.

## NEW MAP . . .

OF THE

**Christina Lake**  
Mining Camps.

Price, \$1.25, post paid.

Compiled by JOHN A. CORYELL, P. L. S. This map contains the latest locations on Shamrock and Castle Mountains, on Baker, Sutherland and McRae Creeks, and in the Burnt Basin.

For sale by

THE CASCADE RECORD,

Cascade, B. C.

## Certificates of Improvements.

## NOTICE.

John Bull and Marinette Mineral Claims situate in the Grand Forks mining division of Osoyoos division of Yale district.

Where located:—On the East side of McRae creek, near Gladstone townsite, B. C.

Take Notice that I, F. E. Young, acting as agent for the John Bull Mines, Limited, P. M. C., No. 112845, Free Miner's Certificate No. 113446, intend, sixty days from the date hereof, to apply to the mining recorder for Certificates of Improvements, for the purpose of obtaining crown grants of the above claims.

And further take notice that action, under section 37, must be commenced before the issuance of said Certificates of Improvements.

Dated this 27th day of November, A.D., 1899.

R. E. YOUNG, P. L. S.

Young & Burnet, Rossland, B. C. 12

## Notice.

NOTICE IS HEREBY GIVEN THAT AN application will be made to the Parliament of Canada at the next session thereof, for an act to incorporate a company to construct and maintain a railway from a point on the International Boundary Line near Cascade, British Columbia, thence in a westerly direction following the valley of the Kettle river to a point on the Boundary Line at or near Carson, with a branch from a point at or near Grand Forks to a point 50 miles up the North Fork of the Kettle river, following the valley of the same river, also with a branch from a point at or near Grand Forks, proceeding in a southwesterly direction by way of Greenwood to a point on the International Boundary Line at or near Midway, with power to the company to construct, operate and maintain telegraph and telephone lines, as well for commercial purposes as for the business of the company and for all other necessary and usual powers.

Dated this 2nd day of December, 1899.

LLOYD A. MANLY,

For himself and the other applicants. 12

HERE'S A POINTER.

# If You Wish The Cascade Record.

To keep thoroughly posted on the fast moving events in the growing Boundary and Christina Lake sections, there is only one way to accomplish it, viz:

Just get in line, follow the crowd and subscribe to . .

It costs only Two Dollars to get in out of the wet, and receive 52 copies of the Record. Printed on good paper with good type and good ink.

### IN AND AROUND CASCADE.

Frank Hutchinson, one of the principal owners of the Elmore mine on Shamrock mountain, left last Saturday for Rossland, where he intends to remain till the spring season opens.

Mr. William Reynolds, who formerly conducted the Cosmopolitan hotel in Cascade, has taken charge of a hotel in Grand Forks.

Workmen have been engaged this week removing the false structure from under the railway bridge on the east side of town.

The Yale-Columbia Lumber Co. has put in a mill at Long Lake.

In the wrestling match between W. J. Sandry and Jim Woods, at Greenwood, victory was awarded to the latter.

Paul Johnson has been appointed general manager of the smelting department of the British Columbia Copper Co.

The Jewel mine in Long Lake camp is employing 25 men.

Owing to the glut of freight at Greenwood, which cannot be removed by the consignees because of bad roads, the C. P. R. has rented additional storage room, and shippers must settle the expense thus necessitated.

Mrs. Chas. Banpfield this week visited several of the bustling towns up the line, for the purpose of meeting former acquaintances, and acquiring more definite knowledge of the country and its prospects.

Cascade, the Gateway City.

### CASCADE CITY'S ATTRACTIONS!

#### MAGNIFICENT WATER POWER!

**Now under development.** Look at the immense dam, 400 feet long and 50 feet high, now under construction. The flume and tunnel to convey the water will be 16 feet wide, 13 feet deep and 1000 feet long. The water will be conveyed from the mouth of the tunnel to the water-wheels, through two iron pipes, each 8½ feet in diameter and 2000 feet long, with a perpendicular fall of 156 feet.

Excavation for a power-house is now in progress near the wagon road bridge, and the excavation alone will cost \$10,000. Development of this power is now under construction and will be prosecuted as rapidly as possible. A 10,000 horse power will be obtained, which will be used in developing electrical power to be transmitted to all the mines in the Boundary and Christina Lake Districts.

Estimated cost of plant, complete, is \$500,000.

#### Beautiful Christina Lake and Surroundings!

The fisherman's delight and the hunter's paradise. This lake is 18 miles long and from one to three miles in width.

#### The Mineral Wealth

About Cascade City, while practically undeveloped, is most promising, and marvelous wealth awaits the hand of man to reveal the country's hidden resources.

Look closely at our advantageous location and you will not fail to have a good impression of

### Cascade, the Gateway City.

### PHOENIX SQUIBS.

The miners' union has 200 members.

Twenty-eight pupils are in attendance at the public school.

The miners propose to open their new hall with a ball on Feb. 22, Washington's birthday.

The Phoenix branch of the Eastern Townships bank it was expected would be opened for business this week.

Phoenix is ambitious. It is anxious to put aside its swaddling clothes, don long dresses and take on the airs of cityhood. Hence its citizens are arranging for incorporation. As a city set on a hill, may it shine.

### NUMBER THIRTEEN

Had no Terrors for Contractors on the Longest Tunnel in the World.

They had no fear nor superstitious misgivings concerning unlucky numbers who undertook one of the greatest engineering enterprises of the century which began November 13, 1899, when the first blow was struck on the Simplon tunnel. This tunnel will be twelve and a half miles long—the longest in the world, and is to be completed in five and a half years at a cost of \$13,413,500. It will be the third tunnel connecting Italy with outlying countries by rail and will save 43½ miles between Paris and Milan.

Beautiful Christina Lake with its surroundings, is the coming pleasure resort for the summer season.

That We  
Can Do  
All Kinds  
And ALL  
Styles of

## Fine Printing

A Test  
Of Our  
Artistic Skill  
Will Prove.  
Give Us a Trial.

**Mrs. Southam's Residence Burned.**

Tuesday afternoon last about 3:30 o'clock, flames were seen issuing from the roof of the little house occupied by Mrs. Southam, on the brow of the hill back of the burned district on First avenue. Before the alarm had been sounded and scarcely anyone had arrived on the scene the structure was hopelessly enveloped in flames, and was totally destroyed with all its contents, which constituted all of the unfortunate woman's earthly possessions, one old rocking chair being all that was saved. At the time Mrs. Southam was visiting her daughter Mrs. Brown, residing at the base of the hill mentioned, two or three rods distant. The fire is supposed to have originated from a defective flue. No insurance.

The building was an inexpensive one and belonged to the Townsite company.

**Phoenix's Railroad Problem.**

Jay P. Graves, after interviewing the C. P. R. officials, writes from Montreal under date of Jan. 16, to L. C. Crawford, of Phoenix, as follows:

"The officials inform us that they expect to complete that trackage, if the snow does not interfere, as soon as the line is completed to Midway, and that they will lay it for our own use at once if we have any freight of any consequence to move, and that it will be laid as soon as we require it for ore shipments, so that the people interested at Phoenix need not worry about the spur as it will be ready as soon as we are ready for it, which will be sometime the last of February at the latest."

**An Attempt to Burglarize.**

Monday evening, some miscreant on burglary bent, broke open the back door to a little building just west of the Columbia hotel, and with an icepick tried to break open a well filled trunk, the property of Mrs. Banpfield, which had been temporarily stored there. The would-be thief must have been frightened away before he had accomplished his purpose, as the trunk was unopened, but the teeth of the pick were found broken off in the lock. For the benefit of the unsuccessful burglar and the safekeeping of the trunk, we will say it was removed, the owner being absent at the time from town.

**MINES MUST HAVE MACHINERY.****A Five-ton Boiler Hauled from Bossburg to Republic on an Improvised Sled.**

Last Saturday, a large steam boiler passed through town on its way to Republic. It was said to weigh five tons. It was loaded on an improvised sled made of logs cut by the wayside, and which it is claimed had to be renewed several times during the trip. It was drawn by eight horses, with eight more on hand for heavy grades. The price for transportation of the boiler, we understand, was five cents per pound. This would give the freighters \$500. As it took sixteen horses and four men about two weeks to make the trip, there was not a large profit in the contract, when the expense of feeding is taken into account. Besides, the roads being icy, the horses were sharply calked, and not one of them had a well limb under him, being frightfully cut and maimed.

**SIXTEEN HOURS OF TERRIBLE AGONY.****Death of Mr. Newbond of Ymir Under Most Distressing Circumstances.**

News comes from Ymir of a distressing accident on Thursday of last week. A man named Newbond had the contract for removing the cordwood used at the Tamarac mine. He had taken part of the wood away on Thursday afternoon about 4 o'clock and was busy teaming off the remainder when a pile of wood, on top of which was four feet of snow and ice, fell on him burying him in the snow and breaking his left leg in two places. The unfortunate man remained where he fell, partially covered with the cordwood, from 4 o'clock Thursday afternoon until between 8 and 9 o'clock on Friday morning, when he was discovered. Dr. Keller was at once sent for and although the injured man recovered his senses for a short time the rally was only temporary, and he died very shortly after being rescued.

**TIMBER ON A MINERAL CLAIM.****is the Property of the Party Owning the Claim.**

Last week John Mulligan vs. the Phoenix Lumber Co. et als, in a suit for damages before Judge Spinks of Greenwood in the County Court, was awarded \$45 for 91 trees cut from his mining claim by the defendants.

## Hartford Hotel,

Hartford Junction, B. C.

This hotel, which is new, is located at the junction of the Phoenix and Winnipeg branches of the C. P. R. All the railway traffic for these camps must pass through Hartford. Give us a call.

JOHN DORSEY, Prop

**P. BURNS & CO.'S**  
**MEAT MARKET.**  
fish and Oysters, Live and Dressed Poultry  
WEINERWURST AND SAUER KRAUT.  
**F. GRIBI, Mgr.**  
Second Avenue, CASCADE CITY.

## V. MONNIER & CO.

..... WHOLESALE .....

### Liquors, Wines and Cigars.

A specialty made of Imported Goods. Glassware and bar Supplies Always on Hand. Sole Agents for Pabst's Milwaukee Beer.

MAIN STREET, - - - - - CASCADE, B. C.

## B. C. Livery Stable



Good Saddle Horses for Hire. Teaming on the Shortest Notice. Good Turnouts Ready at all hours to go to any part of the Boundary country. Careful drivers.

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Stables on Second Avenue, - - - - - CASCADE, B. C.

## HOTEL GLADSTONE



Situated at the new town of Gladstone, near the Burnt Basin Mining Region and only 18 miles from Cascade; 10 miles from Christina Lake. One of the best hotel buildings between Cascade and Brooklyn. Good Livery Stable in connection.

FINE WINES, LIQUORS AND CIGARS.

ALBERT W. J. BELGROVE, Prop.

## The Cascade Sawmill

A large stock of Rough and Dressed Lumber.

Laths, Shingles, Mouldings, Etc

Estimates Furnished and Prompt Delivery Made.

Correspondence Solicited.

JOHN EARLE, Prop,

# KEREMEOS!

The Centre of the Far-famed Similkameen District.  
A Mining and Agricultural Centre. : : : : :

## Lots Now on the Market.

### THE BUSINESS STREET.

Third Avenue, 100 Feet Wide.      Lots, 30x150.  
Corner Lots, \$150.      Inside Lots, \$100.

### OTHER STREETS.

Corner Lots, \$100.  
Inside Lots, \$75.

Terms, 1-3 Cash; Balance, Three and Six Months.

For Further Particulars, Apply to \_\_\_\_\_

### BEALEY INVESTMENT & TRUST CO., Ltd.,

General Agents,

GREENWOOD, B. C.

R- H. PARKINSON, Fairview.

E. BULLOCK-WEBSTER, Keremeos.

#### DEADWOOD MINING NOTES.

The work of sinking the shaft on the Crown Silver claim, was begun last Saturday.

In the Mother Lode mine two crosscuts are being run east and west from the 200-foot level.

James Fisher is prospecting his claim, the Eugene fraction, by the sinking of a shaft which is already down 12 feet.

The shaft in the Butcher Boy is down 50 feet, where some crosscut work will be done, when the shaft will be carried down 50 feet further.

Machinery has been installed in the Buckhorn. The main shaft is down 100 feet and timbered. A station is being cut at the 100-foot level, where some crosscutting will be done.

The shaft of the Ah There is down 55 feet.

The machinery for the Greyhound has arrived.

#### C. P. R. Will Build Telegraph Headquarters.

It is officially announced that it is the intention of the Canadian Pacific Railway Telegraph company to erect one of the most up-to-date telegraph buildings in the Dominion on the site of their present

headquarters in Montreal. The building will be equipped with all the latest improvements as regards facilities for handling the rapidly increasing business.

#### LONG RANGE MINING.

#### Cape Nome Sand is Being Transported to San Francisco for Treatment.

So rich in gold are the sands at Cape Nome, Alaska, that vessels have been engaged to carry cargoes of it to San Francisco for treatment on an extensive scale. It is said to average twenty-five to fifty cents and more a pan, and to grow richer the farther from shore one gets. Contemplation of the vast wealth thus covered by the ocean waters "dazzles the mind and confuses the brain" one old miner says; but the gold is there, beyond doubt, and men will devise ways and means to secure it. As the present diggings, already famed for their richness, are in the same beach sands which are left dry by the falling of the tide, there can be little doubt that nearly the entire coast line of Bering Strait, even to some distance from the shore, is yellow with the metal that moves the world.—Northwest Magazine.

Pay the printer and notice the charming, mellowing affect it has on him.

Jinzo—What did the minister say when the plate came up?

Hingso—He said he wouldn't mind so much if the buttons were all alike.

#### Church Service

Divine service will be conducted by Rev. Joseph McCoy, M. A. tomorrow (Sunday) at 11 a.m. and 7:30 p.m., Standard Time, in the new church. Sabbath school at 2:30 p.m. in the same place. All are cordially invited to attend.

### A. D. MORRISON,

—UP-TO-DATE—  
Watchmaker, Jeweller and Optician.

Eyes Scientifically Tested  
Free of Charge. . . . .

Dominion Hall Block, - COLUMBIA, B.C.

## HOTEL CASCADE

. . . . C. H. THOMAS, PROP. . . .

The Original and Oldest Hotel in this part of the district. Headquarters for Contractors, Mining Men and Travellers.

Well Stocked Bar in Connection.

SECOND AVENUE, - - CASCADE CITY, BRITISH COLUMBIA.

## Bosburg-Columbia Stage Line,

BROCKMAN & LAY, Props.

Runs daily from Grand Forks to Bosburg and return, meet trains both ways on the Spokane Falls & Northern Railway. Careful and experienced drivers, safe and comfortable vehicles, good stock and good time. Carrying Her Majesty's and American mails.

**Dominion Supply Company**

We ARE Headquarters.....for.....  
**Groceries and Vegetables.**

Our AIM is to carry the Best of Everything.

Our Trade HAS GROWN to such proportions that we buy in large quantities, and can make the Hotel Keeper, Mine Owner or Prespector every inducement to trade with us. If you should need  
**Blacksmith's Coal**  
 Giant, Black or Stumping Powder  
**Caps or Fuse**  
 In large or small lots, give us a call.  
**B. WILCOX, Mgr.**

HAY and GRAIN constantly on hand

**WE PRINT**

Dodgers  
 Circulars  
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 Visiting Cards  
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 Shipping Tags  
 Statements, Etc.

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QUINLIVAN & JOHNSON, Props.

The Largest and Most Popular Hotel in the city

Choice Wines, Liquors and Cigars.

FIRST AVE. AND MAIN ST., - CASCADE, B. C.

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Plans Drawn and Estimates Furnished;

**Contractor and Builder.**

Doors, Sash and all Kinds of Glass.

CASCADE CITY, BRITISH COLUMBIA

**Fire Insurance Agency**

PHOENIX ASSURANCE COMPANY, of London, Eng., BRITISH AMERICAN ASSURANCE CO. of Toronto; WESTERN ASSURANCE CO.

GEORGE K. STOCKER, AGENT.

**Sing Kee**

Expert Laundryman. Bundles called for and delivered. Work done on Short Notice. Give me a trial.

Laundry at the rear of the Commercial Hotel  
 CASCADE, B. C.

**Hutchins & Wingard**

Are now located in Bossburg with ten four-horse teams, and are prepared to deliver freight in Cascade, Grand Forks and Greenwood on SHORT NOTICE. Orders received by Telephone, and prompt delivery guaranteed.

**WOOD!**

FOR SALE.  
 Delivered free to any part of the city.....

**BOWEN & VANCLEVE**  
 CASCADE, B. C.

**Hymeneal.**

S. Lander's ranch above Midway, was the scene of a quiet marriage on Tuesday afternoon. Alfred E. Horridge of London, Eng., was married to Miss Annie Turner of Derby, Eng. The Rev. W. A. Robins officiated. The bride was given away by Mr. Lander, and J. C. Dufresne acted as best man. The couple will make their home on the well-known Mackie Ingram ranch, which was purchased by Mr. Horridge.—Greenwood Times.

**NOTICE.**

NOTICE is hereby given that application will be made to the Legislative Assembly of the Province of British Columbia, at its next session, for an Act to incorporate a Company with power to construct, equip, maintain and operate telephone and telegraph lines within and throughout the Province of British Columbia, and to construct, erect and maintain such and so many poles and other works and devices as the Company deem necessary for making, completing supporting, using, working, operating and maintaining the system of communication by telegraph and telephone, and to open or break up any part or parts of the said highways or streets as often as the said Company, its agents, officers or workmen think proper, and for the purposes of the undertaking to purchase, acquire or lease and hold and sell and dispose of lands, buildings or tenements within the limits aforesaid, and to purchase or lease, for any term of years, any telephone or telegraph line established or to be established, in British Columbia, connected or to be connected with the line which the Company may construct, and to amalgamate with or lease its line or lines or any portion or portions thereof, to any Company possessing, as proprietor, any line of telephone or telegraph communication connecting, or to be connecting, with the said Company's line or lines, and to borrow money for the purposes of the Company, and to pledge or mortgage any of the said Company's assets for that purpose, and to receive bonuses or privileges from any person or body corporate, and with all other usual, necessary or incidental rights, powers or privileges as may be necessary or incidental to the attainment of the above objects, or any of them.

Dated this 15th day of December, 1899.

J. R. BROWN.  
 Solicitor for Applicants.

**Spokane Falls & Northern System.**

Nelson and Fort Sheppard Ry. Co.  
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The direct and only All-Rail Route between the Kootenay District —AND ALL—  
 British Columbia Points,  
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 —Connects at Spokane with—  
**GREAT NORTHERN RY.**  
**NORTHERN PACIFIC RY.**  
**O. R. R. & NAV. CO.**

Maps furnished, tickets sold and information given by local and connecting line ticket agents. Passengers for Kettle River and Boundary creek connect at Marcus and Bossburg with stages daily.  
 H. A. JACKSON, G. P. & T. A.,  
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CANADA'S NATIONAL HIGHWAY

America's Great Transcontinental Line and World's Pictorial Route.

The Direct Route

From Kootenay Country Kettle River and Boundary Creek Districts to all points East and West

First-class Sleepers on all trains from Revelstoke and Kootenay Landing.

**TOURIST CARS** Pass Medicine Hat Daily for St. Paul, Sundays and Wednesdays for Toronto, Fridays for Montreal and Boston. Same cars pass Revelstoke one day earlier.

Direct Connection via Robson to and from all points.

Leave	CASCADE	Arrive
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