
nd royalty 45 00 supervision, repairs

enses per day of 24 tons equals \$0.76 per ton

rom the above figures the in connection with the only 76c. per ton includig in that department, it ted that in many cases it less, as for instance in the power being available, company having two or horse power or more, at it would cost very little onal thirty horse power oil plant.

ty is put high to allow for reight on oil, viz., about rice of oil itself, and probine of oil itself, and probine reduced y be considerably reduced with large quantities. The ay be taken between 1 to er ton of ore treated. 10 per day for supervision bt high, as repairs and deould be very small, and supervision could be shared

another department, but

siders it better not to min-

nd to err on the high side, is fixed on the capacity used and in the case of an alled to treat the tailings rating mill of a capacity or day it might be that the entration consisted of siz ng and that the final tailone-quarter the amount ore milled. In this case day oil plant would be inne royalty charged on that

form an idea as to what be treated successfully s, below is given expenses, mining is not included as le to give a fixed figure variable, according to each nature of the mine, the and many other conditions. e safely said that concen-invariably tend to reduce , as the ore will then it comes, therefore at a while in the case of dithe poorer ore either re-mine or is dumped on a to its fate:

Per ton of ore by oil \$.76

on of ore, of producing

uld have to be added d, about 75c. per ton; also realization charges, which at \$6 per ton.

take a case of a concento 1 the charges on these rould be 1-10 of the above working out the costs on e treated, viz.:

elter per ton of ore realization charges, of ore600

his the cost of producing get the total expenses, centration) to be \$2.335 e treated, so when treateap and taking a case of covery of contents by pro-over \$2.75 can be treated

e smelting and realization lting charge is based on oncentrates to be smeltare some of the items in charge, such as interest ery, and one or two other rating as when smelting will not cut much fig-

ese will not cut much fig-be overlooked. addly seen that the larger entration the more favthe process, not only on ight of concentrates but is the loss of oil, as the ntain in their final state age of oil.

output to mix with the state in order to make self-fluxing product is and it may be quite oil process will come in. e it is possible briquetting quired. It seems a plausseries of grizzlies, shipto the smelter and es by the oil process. liminary crusher might d, the fines going direct er, which would be reextent of its work.

f ores that are not self-

table, as it is only natural smelting a concentrate lengthy process than le ore and in most cases f ingredients which have et a suitable flux will be hence the smelting e very much less. The in the slag should not like so high a percentage with a concentrated prosmelting the ore direct. the writer intends that oplied are only meant to idea to those interested patronize the process, they appear to be on anything,, especially in ling, which under good vith water power availbably be as low as 60c. As is the case with most nust not be taken as exggestions or criticism on view of making things

ay will be appreciated

TEMPORARY SUPPORT

THURSDAY April 9, 1903

Mr. Smith of East Kootenay and the Prior Government.

No Change Wanted Until After the Present Session.

VICTORIA, April 4.—E. C. Smith, member for South East Kootenay, gave an interview to your correspondent this morning which definitely fixes his position in the present house. He states positively that as the government is practically a new one he is not prepared to visit the sins of the for-mer one on its head. He dislikes taking the position of an alleged independent member, but says Premier Prior has agreed to drop the Canadian Northern proposition, one matter upon which Mr. Smith fought him strenuously last session. If Col. Prior thereby breaks faith with Victoria, he says, let Victoria reckon with him. He admits that he has already seen the government and received this assurance

In regard to the Southeast Kootenav land matter, Mr. Smith says he also has satisfactory assurances. He would rather see those lands go to individual prospectors than to the C. P. R., and the government has agreed that the latter will not get them. At the same time Mr. Smith prefers an arrangement whereby a strong syndicate would obtain a lease of the lands and work them, the government retaining ownership and enforcing reasonable restrictions, one of which would be that in case of a dispute like that at Fernie a government receiver would take over the property and continue operations till a settlement was reached.

Another reason for Mr. Smith supporting the administration, if they will not introduce vicious legislation, is because the next election must be on tiring officers Mr. Naden wished the party lines, and that an appeal to the new officers and the board a successful country at the present time would result in confusion worse than the present composition of the house. He is prepared to keep the government in power on these conditions until matters The Aged Pioneer Ends His Days in are on a more satisfactory basis for an appeal to the country.

Capt. Tatlow of Vancouver has given

fits therefrom?"

THE SENATOR ARRIVES.

VICTORIA, April 4.-The steamer Senator, one day overdue from San Francisco, for Victoria and Seattle, reached William Head quarantine station at midnight, 85 hours from San

TO BUILD FROM COAST.

Great Northern Working Towards th

Similkameen Walley. VANCOUVER, April 6.-The people of Chilliwack are smiling and feeling very happy for the news has spread that the Great Northern Railway company, which controls the V., V. & E., is not going to cease the construction of branch lines, as it is at present surveying from Port Kells east. The line on the Atlantic coast he shipped in a contemplated may be extended over the frigate for California, where the Mexi-Hope mountains to the Similkan country. Undoubtedly it was for this valided back to New York after the was secured. News from Phoenix and eral California ports, and later serve other mining towns says that the right in the southern coast survey service of way has been purchased into these doing duty along the coasts of Florida places. The statement that the V., V. and Texas. Then he sailed in a small & E. railway and the Great Northern brig for Valparaiso, where he was when are one and the same company is thus news came of the discovery of gold in confirmed. The near future will see a line of railway constructed from thence, reaching Stockton in the spring Port Kells to Phoenix, passing through Chilliwack and the Similkameen valley, to Nicola. A prominent official in the the Fraser river gold discoveries. In opinion on the possibility of getting time, going thence to the Columbia over the Hope mountains. His reply river, where, below Marcus, he worked was that the grade would not be much more than two per cent, and that by success. Thereafter for years he joined allowing this grade the road could be in pretty well every placer rush the so constructed as to come down boundary districts of British Columbia so constructed as to come down through Sumas, with a branch line back to Chilliwack. The grade would be a little too steep to enter Chilliwack

Work on the Cloverdale-Port Guichon spur of the Terminal railroad and ferry company's system is progressing rapid ly, and will soon be completed.

FATAL CAVE-IN.

Iwo Men of a Steam Shovel Crew Lose

Their Lives. MALONE, N. Y., April 6.-A steam shovel was being worked today on the Delaware and Hudson railroad at a point between Saranac lake and Lake mpletely covering the shovel and burying four men who were working it to cued with difficulty. Many other laborers had narrow escapes.

ITS ANNUAL MEETING.

Business Done by the Greenwood Board of Trade.

GREENWOOD, April 2.-The annual meeting of the Greenwood board of trade was held yesterday afternoon. ance, fully three-fourths of the members having been present. President George R. Naden was in the chair until after the election of officers for the ensuing year, when the new president, H. F. Mytton, manager of the Greenwood branch of the Canadian Bank of Commerce, responded to Mr. Naden's request to at once assume the duties of

The earlier part of the meeting was taken up by ordinary business. joint committee of the board and the council, appointed some time since, were requested to meet again to add to their recommendation of public works required in the Greenwood district, one for an appropriation for building a road from Greenwood to several mining properties in Skylark camp and within a short distance of the town, some of which have commenced to ship ore, although without necessary wagon road connection with the railway. The complete recommendations are to be forwarded to Smith Curtis, M. P. P., member for the district. Progress reports were received from several committees of the board and these were requested to continue their labors, respectively. A committee was appointed to endeavor to induce the Dominion Express company to open an office in town to handle express parcels, and so do away with the inconven-ience caused patrons by having to go out to the railway station to obtain send parcels; also one to draft resolutions for the presentment to the proper authorities asking that the Dominion government place on the estimates an appropriation for a suitable federal building for Greenwood, and that Greenwood be made a port of entry for cus-toms purposes. A hearty vote of thanks was accorded the three delegates from the Greenwood board to the convention of the Associated Boards that met in Fernie in March.

The election of officers and council for the ensuing year resulted as follows: President, H. F. Mytton, vice-president, Dr. J. E. Spankie; secretary, E. Jacobs; council, W. H. G. Belt, J. R. Brown, J. C. Ehrlich ,F. M. Elkins, C. H. Fair, H. B. Madden, Duncan Ross and Chas. Wilson. Except for the secretaryship, for which the retiring secretary, W. G. Gaunce, was also nominated and was defeated by only a majority of one, the elections were by acclamation. In responding to a vote of thanks to the re-

"JOLLY JACK" IS DEAD. His Little Cabin

GREENWOOD, April 2.- John Thornnotice of the following questions:

"Has the government cancelled the tury, first in the placer mining days reserve which covers coal and oil lands of the Pacific coast and later in the in Southeast Kootenay? If so, when? Boundary country of British Columbia If not, is it the intention of the govern-ment so to do?"

"What was the overdraft at the bank on December 31, 1902? What amount of Falls. The old man had long been failcash was in the treasury or in the hanks of agents at those dates? What pected. He has been cared for since rate of interest is being paid the bank on said overduaft?

"At what price were provincial bonds agan and South Yale, most of the surpressed by the restored for the sinking." hands of agents at those dates? What rate of interest is being paid the bank on said overdaft?

"At what price were provincial bonds purchased by trustees for the sinking fund in January, 1901, 1902 and 1903?

"Does the government propose extending the benefits of the South African war lend grant of Oct., 1901, to persons who have since the passage of the act gone as those who went before the passage of that act and are entitled to the benefits of the same capacity as those who went before the passage of that act and are entitled to the benefits of the same capacity of that act and are entitled to the benefits of the same capacity of the same capacity as those who went act and are entitled to the benefits of the same capacity as those who went act and are entitled to the benefits of the same capacity as those who went act and are entitled to the benefits of the same capacity as those who went before the passage of the act gone until then. His stay there, however, was not a long one, for the old ever, was not a long one, for the old man was not content to remain, so during the winter he returned to his cabir on Boundary creek. Since then his needs have been supplied and his comfort provided for by the old-timers of the district.

Tees, county of Durham, England, on June 11, 1825. In 1838, 65 years ago, he left his home to go as an apprentice on a collier. After six years of seafaring life, spent chiefly in old world seas, he landed in the United States and thereafter sailed out of New York, Philadelphia, New Orleans and other Atlantic ports to the West Indies and Venezuela, southward, and to Bermuda northward. In 1844 he joined the U. S. navy, going on board the steam frigat Princeton, Captain Stockton, during the time of President Tyler's administra tion. After two or three years' service can war was in progress. He was in American flag had been hoisted at sevands attracted to British Columbia by company was asked his 1859 he saw Boundary creek for the first "Jolly Jack's bar" with considerab and Washington saw from the early '60's on. Old Jolly Jack has for years each side of the line for a hundred miles or more east and west of Boun

dary creek, and now, at 78 years of age, he has crossed the great divide. NEWS OF GREENWOOD. Small Debts Court-Lumber Company-

GREENWOOD, April 2.-It is quite two years since the business men of Greenwood commenced to urge upon the provincial government the desirability of appointing a magistrate under the Placid, when a bank of sand caved in, "Small Debts Act" for Greenwood. When Hon. Col. Prior, minister of mines, visited the Boundary last August the matter was brought to his attention, and a depth of five feet. Two men, an American and an Italian, were killed. The two other men, both Italians, were reserval were afterwards supplemented by those of Greenwood citizens who visited eral were afterwards supplemented by those of Greenwood citizens who visited Victoria later. At length the long-de-

G. McMynn, S. M., was last week gatetted a magistrate under the "Small Debts Act" in and for the county of Yale, which for court purposes includes the Boundary district.

with lingering regret at having seen the last of one of their oldest associates the members of the Pioneers' Association wended their way to their respective homes.

Frederick Keffer, E. M., general management of the Pioneers' associates the Boundary district.

last meeting turned down an indemnity by-law under which it was proposed to pay the mayor \$500 and the aldermen \$200 each for their services for the current year. This by-law had already passed its second reading and an understanding had been arrived at to defer for three months its final reading and passing, when, if the city finances would warrant it, its passing had been promised by the council. The action of the mover and seconder in trying to get it passed three months earlier than the time agreed upon was disapproved by a majority of the council, and the bylaw was consequently thrown out. A committee was appointed to prepare resolutions endorsing those lately passed by the Greenwood Liberal Association asking the Dominion government for an appropriation for a federal building made a port of entry for customs pur-

brought up to date prior to reopening the sub-recorder's office at Beaverdell, on the west fork of Kettle river. Owing to the virtual abandonment of the West Fork country the record office at Beaver-dell has been closed during the winter,

for a few days, suffering from a severe cold with lung trouble threatening. He is improving now and expects to be well enough to get down town again before kind he had ever inspected.

many days.

H. H. Wilmot, well known in the Rock Creek district in connection with his endeavors to work the creek for placer
gold by what is known as the "boom"

Amount of Damage. gold by what is known as the

He has since received many warm con-gratulations on the success that attend-ed his arduous labors to bring about a settlement of the coal miners' strike. Superintendent A. I. Goodell, of the Superintendent A. I. Goodell, of the Montreal & Boston Copper company's smelter, is paying a brief visit to Spokane in connection with the construction work that was interrupted by the coal miners' strike and which it is now intended to hurry to completion.

The mayor has called a public meet-

ing, to be held in the city hall tonight to discuss a proposal to hold a celebra-tion in Greenwood on Victoria day, May just beginning work at this fire a sec-

NEWS OF GREENWOOD. Funeral of John Thornton — Resumptio at Mother Lode.

their old friend and comrade, Jelly Jack, is also a mystery. bad suitable burial. Rev. W. A. Robins, rector of St. Jude's church, Green-wood, conducted the impressive burial rites of the Church of England. The interment took place at a place near-by the old man's cabin on a placer claim held by him for many years, and in gravel which one old placer miner pregravel which one old placer miner present stated would go ten cents to the pan. One or two of the old fellow's cabled him to go to Toronto to close a children had been buried within a few contract for the purchase of 2,000,000 yards of the spot, which from long association with it was one that Jolly Jack was much attached to. The pall-bearers, chosen from the ranks of the pioneers, were Charles Dietz of Rock Creek, (who arrived at Colville from San Francisco in 1858), "Major" Charles N. Collins, L. M. McCarren, Thos, McAuley, D. A. Holbrook and James Kerr. Gathered around the grave were other pioneers from Midway. Rock Crack Property Services of the best companies.

He propounded a similar of the Caley. M. McCarren, Thos, McAuley, D. A. Holbrook and James Kerr. Gathered around the grave were other pioneers from Midway, Rock Creek, Boundary Falls, Greenwood, Phoenix and other parts of the Boundary district, and to show their womanly sympathy with Mrs. Thornton and family in their bereavement were Mrs. Castleman of Boundary Falls, and her daughter, Mrs. Robert Kerr. Quietly and without ostentation the old pioneer's body was buried, and contact the same with regard to that colony. Canada was the only colony possessing areas where virgin soil can be at once the court. William Hays resignation of his ministerial post in parliament tomorrow.

SAW GRAND

VISIT YESTERDAY OF THE GREAT NORTHERN AND S. F. & N.

PROMISED EXTENSION OF THE LINE TO PHOENIX AND MIDWAY.

OFFICIALS.

GRAND FORKS, April 4.-A party at Greenwood, also that Greenwood be of Great Northern officials arrived here

agent; Alex. Stewart, engineer. The visitors were met by J. H. Ken but with bridges being constructed over the stream and a near prospect of the wagon road being completed so as to give through communication, prospect-ors and others interested are returning to that part of the Boundary district A. B. W. Hodges, superintendent, and with the intention to get some of the George W. Wooster, treasurer of the mineral claims into shape for producing Granby company. Mr. Hill observed ore, Captain Harry Johns, manager of the tensive operations of the Granby com-Montreal & Boston Copper company's pany, and added that his railway com-Sunset mine, has had to keep to his bed pany expected to be hauling ore from

FIRES IN REPUBLIC

Rureka News company, loss on building and stock \$5000; insurance \$3000.

Knights of Pythias, Woodmen of the World and Rebekah lodges lost parapherualia and regalia stored in the hall over Fritz and Duggan's store; loss private residences are willing to take

The fire broke out in Dr. Burns' pri- pany will do well from the start. vate hospital and no cause is known for the blaze. While the firemen were ond alarm was given, from Fritz & of some \$16,000 for road and trail pur-Duggan's hall, on Delaware and Clark streets. This building was in the cen-tre of town. It burned rapidly and before the firemen could make an effort to check the blaze the adjoining build-GREENWOOD, April 4.—There was a numerous attendance of old-timers and others desirous of paying a last tribute of respect to the late John Thornton at the burial of his body yesterday afternoon. The Boundary Pioneers' Association saw to it that the remains of their old friend and comrade, Jolly Jack.

AN ONTARIO COLONY.

Two Million Acres of Land to be Acquired and Settled.

LONDON, April 6 .- In the course has a hundred thousand pounds sterling ready with which to launch a scheme for peopling land. He will only take people under forty years of age. Every immi-grant will be insured in the Caley.

To Cure a Cold in One Day

Take Laxative Bromo Quinine Tablets. 6 7 Low on every Seven Million boxes sold in past 12 months. This signature, 6 7 Low box. 25c.

YMIR NOTES.

relter.

The slide happened at 4 o'clock. If was some 60 feet in length and 3 feet deep, and was made up of snow, rocks and earth.

The slide happened at 4 o'clock. If was some form Seattle carried the honors in the collie class and A. Murphy's Kildare Sunshine, another Seattle dog, got a first in the puppy class. The judging will continue tomorrow. Immediately upon hearing of the accident Mr. Atwater, manager, closed down the mill and every man was ordered out to find the missing man. After con-siderable search the body was found at 7 o'clock. The victim of the accident has been employed at the mine for the past two years as second cook, and the striking coal miners, a thousand only within a few weeks he was brought of whom are out at Extension, waited

they heard the slide, and instantly dethey heard the slide, slide, camped and gave the alarm, camped and gave the alarm.

Some time during Tuesday night or Some time during Tuesday night or Abolished. made a port of entry for customs purposes.

On 30th March a daughter was born in Greenwood to the wife of King Rees, manager at Phoenix for P. Burns & Co.

NEWS OF GREENWOOD.

News Fork Records — Placer Mining on Rock Creek.

West Fork Records — Placer Mining on Rock Creek.

Ward: A. H. Hogeland, chief engineer;

On 30th March a daughter was born the impending construction work on the broke into the miners' union building, and taking the books and documents of the union tore many of them up, scattering the pieces around the floor. It is hard to say who are the guilty parties, but it is believed that some disgranted a rebate of 25 cents per cord on bolts manufactured into shingles for exportation from the province. On July 1st, three months hence, the favors of the guilty party. The worst feating of the guilty party is the increased 100 per cent on and after July 1, 1903. The millmen are now granted a rebate of 25 cents per cord on bolts manufactured into shingles for exportation from the province. On July 1st, three months hence, the favors of the guilty party. The worst feating of the guilty party is the broke into the miners' union building, and taking the books and documents of the union tore many of them up, scattering the pieces around the floor. It is hard to say who are the guilty party is the union tore many of them up, scattering the pieces around the floor. It is hard to say who are the guilty party is the union are at the bottom of the union are at the province of the union are at the province of the union are at the province of the union ar tion of the guilty party. The worst feature of the case is that Myles McInnis' term of office as secretary expired at midnight, and he was succeeded yester—

st, three months hence, the favors of the government in this connection will cease, and the tax of 50 cents will be enforced on all shingle bolts cut. day by W. B. McIsaac, and it is thought that some of Mr. McInnis' enemies are connected with this, in their endeavor to injure him.

ing away the winter accumulation, when

There came near being a bad wreck on the Neison & Fort Sheppard railon the Nelson & Fort Sheppard railway line yesterday morning in the vicinity of Cottonwood lake, a point about 13 miles north of here. The passenger train from Nelson ran into a washout. The, engine and box car safely passed over the injured track. The engineer noting the danger stopped, and left the balance of the train on the other side. As the brakeman on the train is an one As the brakeman on the train is an op-erator and carries an instrument with him, he tapped the wire and a work mm, he tapped the wire and a work train came from the south to repair the track. A delay of some six hours was occasioned. The washout was caused by the melting snow running down the bank and washing out the gravel to a depth of some five feet below the ties. low the ties.

hall, loss \$6500 on stock; building \$2000; insurance \$6000.

Mrs. Hoagland, proprietress of Delicatessen; loss \$1500 on building; stock all saved.

Eureka News company, loss on building and stock \$5000: insurance \$3000.

Knights of Pythias, Woodmen of the World and Rebekah lodges lost paraphernalia and regalia stored in the hall over Fritz and Duggan's store; loss private residences are willing to take and william Wadds.

This company has staked the water rights on Wild Horse creek here and will install a power plant for the purpose of lighting the town by electricity.

The site selected for their plant is an excellent one, there being an excellent the business and temper which toughens and refines the steel, gives a will install a power plant for the purpose of lighting the town by electricity.

The site selected for their plant is an excellent one, there being an excellent the business and temper which toughens and refines the steel, gives a will install a power plant for the purpose of lighting the town by electricity.

The site selected for their plant is an excellent one, there being an excellent one, there being an excellent back, requiring less set than any saws now made, perfect taper from tooth to private residences are willing to take

the light, and undoubtedly the com-A public meeting was held last evening for the purpose of requesting the member for the riding to get a grant

BOUNDARY SHIPMENTS.

Granby Mines Stand Alone as Producers

PHOENIX, April 4.—The mines of the PHOENIX, April 4.—The mines of the Granby company are the only ones in the shipping list of the Boundary for the past week. During the week the tonnage sent out to the company's smelter at Grand Forks was 4512 tons, making a total of 132,762 tons shipped by the mines of the Boundary for 1903.

The Granby smelter treated 4450 tons of ore during the last week, making a total of 81,983 tons treated this year.

Owing to a washout on the C. P. R. on the Arrowhead branch, thereby tying up the more or less unsteady shipments

up the more or less unsteady shipments of coast coke, on Wednesday last the company was forced to blow out one of the two furnaces then in operation and Friday the other furnace was allowed to go cold, owing to the lack of coke. Coast coke is on the way and shipments from the Crow's Nest collieries are expected to be resumed soon.

FISHER TO RESIGN.

Connection with an Unfortunate Com

LONDON, April 6.—As a result of his The B. C. ASSAY and Chemical

on every

VICTORIA DOG SHOW.

The Fatal Slide — Outrage in Miners' Canines from the States Take Away.

Union Office. Many Prizes.

Debts Act" in and for the county of Yale, which for court purposes includes the Boundary district.

A marriage license has been issued by the registrar at Greënwood to Edward Richter and Jennie Summer, both of Kermeos. Mr. Richter is a son of a well known pioneer and land owner, and self-been cook at the Ymir Gold mines mill on the kennels of Seattle, Portland cook at the Ymir Gold mines mill on the kennels of Seattle, Portland cook at the Ymir Gold mines mill on the kennels of Seattle, Portland cook at the Ymir Gold mines mill on the kennels of Seattle, Portland cook at the Ymir Gold mines mill on the kennels of Seattle, Portland the through the seatest of a well known pioneer and land owner, and the force of a well known pioneer and land well and the contraction will be a well and the force

EXTENSION LOCK-OUT.

Mr. Dunsmuir Refuses to Meet a Dele-

VICTORIA, April 2.—A delegation of down from there to take the place of first cook at the mill. He was a Scotchman, aged 35 years, and is well known in Grand Forks and Nelson. A waiter and roustabout also had a narrow estate of Miners. He was willing, however, and the slide they were cape. Previous to the slide they were ever, to meet his men if not affiliated working around the meat house, clear-with the international union.

BASEBALL

PHILADELPHIA, April 6.—Phila-elphia National League 2, Philadelphia American League 0.



Now, we ask you, when you go to buy a Saw, to ask for the Maple Leaf, Razor Steel, Secret Temper Saw, and if you are told that some other saw is it you are told that some other saw is just as good ask your merchant to let you take them both home, and try them and keep the one you like best.

Silver steel is no longer a guarantee of quality, as some of the poorest steel made is now branded silver steel. We have the sole right for the "Razor Steel Brand."

It does not pay to buy a saw for one dollar less, and lose 25 cents per day in labor. Your saw must hold a keen edge

A. C. GALT

BARRISTER AND SOLICITOR P. O. BUILDING, ROSSLAND, B. C.

F. Mayne Daly, Q. C. C. R. Hamilton Daly & Hamilton folicitors for the Bank of Montreal

Supply Company, Ltd,

VANCOUVER, B. C.

HEADQUARTERS FOR

Assavers, Mining & Mill Supplies