.... May 2, 1901

v & on Company

n & Trading Co. Railway Railway.

route to the east O. R. & N. and ys in Washington n States. n Railway Sandon and way 8:00 a. m. daily, on at 1:15 p. m.

Trading Company

Lake and River ...... 8:00 a. m. at.... 9:15 a. m. y at... 11:15 a. m. ING. at... 12:40 p. m. t..... 2:30 p. m. ATIONAL." ...... 7:00 a. m. at..... 9:15 a. m. 10:45 a. m. ING. at.... 2:30 p. m. ...... 4:30 p. m. C. V. RYS.

Kuskonook for of steamer "Kas nner's Ferry with 'eastbound. skorook daily at rect connection at

cipal landings in other points when nts in Canada and

full information NG, Manager, Kaslo, B C.



OUTE.

LINE CHICAGO. ints

SOUTH rains, Diners,

Vancouver to Ha-n and China. Van

il information, call al agent. City Agent, land.

E. J. Coyle, A. G. P. A., Vancouve



MINING REVIEW THE cooling is to greatly reduce the volume of air. In the high pressure cylinder the pressure is raised to about 90 pounds

THURSDAY ..... May 2, 1901

Several Mines.

That the mining interest is growing in is camp is evidenced by the large plants which are to be seen on the side of Red ountain. They are outward signs of inward values which are to be found depth in the rocky, indurated bowels the mountain. This week will see anher 40-drill compressor added to those which are working so hard. The lattest addition is the 40-drill compressor plant which has just been completed for the Rossland Great Western. It is the most handsome and efficient compressor nachine of the kind ever erected in this country. The plant cost in the neighherhood of \$.0,000 installed.

Now there are five 40-drill compressors on Red mountain. These are the two plants at the Black Bear, which are triven by steam, the plant at the Centre Star, also driven by steam, the War Eagle, which uses electricity for motive power and the compressor of the Nickel Plate, which also uses electricity. With such an array of power the tonnage extracted from the mines on which the plants are located should be very large

from now on. The Output. The output during the past week nearly

reached the 9,000-ton mark, an indica-tion that still better records will be made Velvet .- The foundation of the compressor plant, which was cracked by the in the near future. The tonnage amount-ied to 8,810, a gain of 552 tons over the preceding week. The improved showing is largely due to the War Eagle, which is is to be pushed with energy and ship-ments of ore are to be recommenced. One of the first tasks to be performed, when the power is available, will be that of un-watering the mine. The cre in the Vel-vet is richer on the 200-foot level than it is on the 100-foot level than it is on the 100-foot level than it is on the 100-foot level and still rich-er on the 200 that on the 200, the values mereksing with depth. The road leading from the mine to the Red Mountain rail-way is to be put into shape so that ore

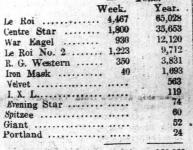
Black Bear a year ago.

snow and the running of water having

placed it in bad shape. Spitzee.—A contract has been let to unwater the shaft. When this has been

tons to 350. Iron Mask is credited with way is to be put into shape so that ore 40 tons. The tonnage for the year to date a 198-929 tons. Appended is a list of the shipments of

the past week and year to date, approx-



voirs of oil. This is particularly desir-

able when machinery is called on for con-tinuous operation. It is the largest S. K.

that when it enters the high pressure cyunder it has a temperature of about bu degrees fahrenheit. The result of the Two Kepublic Properties Will Market Their Ore-The Jumbo.

The Shipments for Week Were 8,810 Tons. NOSSLAND GREAT WESTERN A Description of the New 40-Drill Compressor plant Which Has Just Been Installed -A Large Synchronous Totor - Work in the several Mines. of air. In the high pressure cylinder the pressure is raised to about 90 pounds to the square inch, and at that press-ure it is delivered to the mains, which to use of or pumping, hoisting and operating rock drills. The exhaust from the several Mines. A Description of the New 40-Drill Compressor plant Which Has Just Been Installed -A Large Synchronous Totor - Work in the several Mines. A Description of the New 40-Drill Compressor plant which Has Just Been Installed -A Large Synchronous Totor - Work in the several Mines. A Description of the New 40-Drill Compressor plant which Has Just Been Installed -A Large Synchronous Totor - Work in the several Mines.

pressor in the Dominion, and its success will mean the adoption of electricity as a motive power in many other mines. To give one an idea of the size of this machinery the weighte of a furr of the

To give one an idea of the size of this machinery the weights of a few of the parts is given. The motor complete weighs 160,000 pounds, or 80 tons. The compressor complete weighs about 140, 000 pounds, or 70 tons. The fly wheel alone 40,000, the crank shaft with dises 16,000 pounds; making a total of 56,000 pounds for the revolving parts of the

adian Rand Drill company in British Fields. The contract for the erection of Columbia. To unload and handle such the plant which includes a compressor, heavy machinery without damaging any bas been let to George McFarlane of of the fine finished parts is a trade in it- Nelson and the frames of the compressor self. This was accomplished in a very building are now being put together. A skillful manner by Mr. James Lawrence, consignment of machinery for the plant who handled the heavy machinery at the is now in the city and by the time the Black Bear a year ago. The motor was instailed by Mr. John D. McDonald, of the West Kootenay Power and Light company, who accom-plished the task in an able and expedi-tions manner. D. McDonald, of the West Kootenay Power and Light company, who accom-plished the task in an able and expedi-tious manner. About 25 men are now employed at the Enterprise and sufficient ore is being

Enterprise and sufficient ore is being shipped to pay running expenses. When the concentrator is started it is confidently predicted that the property will be one of the largest producers in the Ten Mile and Springer creek sec-

made on the ground recently and if the showing develops the Iron Horse is safe to be an important producer and that within the present year.-Nelson Miner.

## Blue Bird Will Ship.

Mr. M. A. Green left yesterday for the Blue Bird mine. located near Deer Park. He took with him a number of sucks which are to be used to hold the ore which the mine intends shortly to

Spitzes -A contract has been let to ask approximate the shaft were be shaft will be certain the shaft were be shaft were be shaft were be shaft will be certain the shaft were be shaft were

MANY MILES OF COAL LAND A STAMPEDE TO ACQUIRE THE SIMILKAMEEN MEASURES.

ROSSLAND WERKLY MINER

ROSSLAND WEEKLY MINER

In Immense Area Located in a Short Time-Promises of Transportation the

ed from a visit to the Sim.lkameen of rot, dished up in the first place by a country. "It has," he said, "four good Nelson paper. the province. It has a splendid chinate, and the winters are very short. The construction of the railway, which is now reasonably certain, will create a boom such as has not yet been seen in Brit-ish Columbia. All that is needed to bring the country to the front is transporta-tion facilities."

Twenty-Mile, Olalla and other camps are simply wonderful and would appear to surpass any district in any other section of British Columbia.

"Probably the most important asset of the district is the coal measures. The most important are those immediately surrounding the town of Princeton. Here is a well defined coal basin, probably comprising an area of 50 square miles, every acre of which has been located during the past month. No less than six

tions. At the Iron Horse group below the Enterprise work is being carried on with excellent results. A strike was with excellent results. A strike was

EXPERTS RACE TO ALASKA NO SPIRITUALISTS THERE. King Solomon Mines Are Operated by Scientific Men PRIZE WAS A BIG COPPER PROP-

D. H. McCoy, who returned two weeks ago from the Woodburry mines, owned

by the King Solomon Mining company when asked by a Miner reporter regard ing the story published in the Miner and Spokesman-Review that the mines were worked at the dictation of a medium, Mr. William I. Reddin has just return- said: "The story is nothing but a mess

ing quantities." Continuing, Mr. McCoy said: "When I left there was 200 tons of ore in the will not dismay the new owner, with will not dismay the new owner, with The work was closed down on the 10th millionaires.

I left there was 200 tons to be treated.
I many at the same time that I was local to be was closed down on the 10th time and acquiring coal lands. Among those represented were: Messrs. P. Burns, the meat king; T. G. Holt, K. Marpole, E. V. Bodwell, R. G. Tatiow, Capital Troup, George McL. Brown, D. R. Young, J. E. Saucier, and other residents of British Columbia.
"This coal deposit has long been known to attention was pain to competent and the news that the railway is to be built caused the stampedt to take H up. Mr. Alex Sharp, the coal expert, having been for many years indentified with the Dansmuirs, is more are no mediums around the Wood burry mines, or spirits, either, other that and the original owners made and walker in Eastern Ontario."
"The measures contain three seams "The measures contain three sea

SUMMIT CITY'S GROWTH.

in house accommodation and Mr. Mc-Millen feels confident he will make a

OSITION ON LATOUCHE ISLAND. Mr. A. K.Beatson, One of the Original

3

Owners, Finally Secured Control Yesterday by Parchasing Mr. George Gooderham's Interest.

Mr. A. K. Beatson of Oakland, Cal., yes-"The properties of the Kirg Solomon terday purchased Mr. George Goodermining, agriculture and cattle raising, to Mining company are the best equipped ham's interest in a big copper proposition mining, agriculture and cattle raising, to say nothing of its wealth of water power and timber. In my opinion this section is the most attractive and resourceful in the province. It has a splendid chimate,

work is resumed a plant will be put in. pounds for the revolving parts of the machine. The compressor was built by the (an-at Sherbrooke, Que, where it has built a number of this size of plan in past two years. This compressor is the most effi-cient ever turned out from the works. It was installed by Mr. Charles Sang-ster, the creeting engineer for the Can-adian Rand Drill company in British rock at the dictation of a medium is no hundred feet in width; needless to say, rock at the dictation of a medium is no more than silly nonsense. The d velop-ment of the property is systematically done, as anyone should know that it wold be when supervised by a compe-

tent mining engineer. "There is not a tunnel, drift, crosscut or surface working on the property that does not show ores in more or less pay-line amortilies."

REGON ORT LINE PACIFIC EAST VIA SALT DENVER.

NS DAILY UICKEST ROUTS

Palouse, Lewisse ity Mines, Portland, e Creek Gold Mines South. Only line d Denver. Rurone and other

e schedule. Arrives ar 28, 1901 For Coeur d'-nington, Gar-L, Pomeroy. ayton, Walla eton, Baker point for the From all Baker City, alla Walla, Pullman. ield Farming-r d'Alenes mington, Pullman iston, Port-ints EAST. n all points City, San tland, Colfax, mington ... 9.15 a. m

LINES. ortland Route.

FROM AINSWORTH p. m., and from Spean sco, at 11:00 a. m., every

Intia Line. GS BETWEEN PORT bal ports of China and on of Dodwell, Caribil &

ter Boute! ria and Lewiston leave 1. m; returning leave

iton every Sunday at 5:30 pids (stage of water per-

and further information and N. System or at O. Riverside avenue, Spo-AMS, General Agent.

AIG. at. Portland, Oregon.

new one and the noist was again put into service. The new 40-drill compressor has been turned over several times during the week and yesterday it was being painted. It is anticipated that it will be put to work some time next week. The motor, whether the new 40-drill compressor has been turned, 80 feet above. The vein is 18 inches wide and averages \$100 to the ton. The I. X. L. is looking well. Mr. John S. Baker, the managing director, is here from Tacoma and inspected the mink during the week and is much pleased with the compression is the seven in the time to the the the seven in the time to the the seven in the time to the the seven in the time to the time to the the seven in the time to time to the ti with the way in which it is developing. which turnishes the power for the compressor, is the largest of its kind in Can-War Eagle,-The 40-drill electric compressor, is the largest of its kind in our ada. It is a 600 kilowatt (900 horse pow-er) snyheronous motor. That is to say it runs in step or synchronously with the generator furnishing power at Bonpressor has been repaired and is in first-class condition to be operated when-ever it is needed. The tramway is working in a satisfactory manner and 930 tons of ore were shipped by the War nington Falls. If it gets out of step or unison with the generating motor it Eagle during the week, which is a gain would stop, but this would only happen of 210 tons over the previous week. The

management is reticent as to the develin case too great a load was put on it. It is operated by 2,200 volts of alternatopments in the mine. Le Roi No. 2 .- Still sinking on the ing current. If an attempt were made to start the motor at the speed at which the generator is running some breakage of the machinery would probably result. To prevent such a result a starting of 240 feet The shinments from the motor of 30-barrse power is provided. This is a two phase S. K. C. induction motor for which currents are supplied

last week, which was a gain of 210 tons by transformers of the three to two pat- over the previous week.

driving shaft is coupled to the compres-foot level. The shipments from the Le sor by means of the endless Dodge sys-Roi last week were 4,467 tons.

sor by means of the endless bodge sys it has were not the south drift is in tem of rope transmission. The rape drive New St. Elmo.—The south drift is in consists of 16 strands, each of 1 1-4 inch 410 feet from the south erosscut, and rope. A feature of the whole equipment there is a full face of ore. The pay shoet that the driving shaft is supported in hus turned to the right. A crosser self-oiling bearings throughout of exactly the north drift has just been started to similar construction to the motor; that catch the lead and it is now in for a disis, the shafts run continuously in reser- tance of five feet.

Centre Star.-Matters are moving along in the usual way at this mine and 1,800 tons where shipped during the week, which is the same quantity sent out

tinuous operation. It is the largest S. K. C., three phase motor ever installed in Canada or in the United States. It was constructed by the Royal Electric com-ish and workmanship. It is conceded by all who see it to be the finest ever man-tinct and the finest ever man-ticot are the finest ever man-ticot of the Rossland Great Western are just!, proud of it.

The compressor is of the Rand cross compound type with Corliss low pressure valves. The size of the cylinders are valves and 22x48 inches. The air better condition some experimental ship-

is taken in from outside the building ments will be made. It outside the building ments will be made. White Bear.—Work continues along the water of note during the week of about of note during the week. Double square inch. The action of Rossland Bonanza—The drift tunnel is compression in the law pressure excline their extended and the showing of one during the law pressure excline the showing of one during the law pressure excline the showing of one during the showing of one dur compression in the low pressure cylin being extended and the showing of ore out 230 degrees is satisfactory. ler heats the air to abo

ter tubes, through which a constant stream of cold water is flowing. The During the week ended today the Granby air passes over these tubes and gives off smelter treated 4,350 tons; total tonnage its heat to the water, with the result treated to date 131,765 tons.

A VISITOR'S VIEW. The People of the Interior and the Gov-the Bender Bolice Bellow

to Rossland was the appointment of a local agent and he had placed Mr. J. B. Journson in charge of the business of the company here.

In answer to the question as to how shaft on the Josie, which is being deep-ened at the rate of 20 feet per week. The shaft on the No. 1 has reached a depta of 840 feet. The shipments from the Le Roi No. 2 were increased to 1,223 tons last week, which was a gain of 270 tons Just as soon as the northern trade was itsumed, with the opening of navigation, there was bound to be a strong revival by transformers of the three to two pat-tern. The big motor operates at the rate of 250 revolutions in a minute and is coupled to the driving shaft and rope drive by the use of a double mbbed, specially constructed Frisbee clutch. The foot level. The shipments from the Le sire and demand for a competitive line from the Coast into the Kootenay country. It was, he said, one of the most en-thusiastic public meetings which he had ever attended. In the Interior, he said, the people were anxiously awaiting the assurance that there is to be no labor trouble and the announcement of the government's railway policy. The uncer-

tainty in these respects was having a temporary effect on business, but with their settlement the whole country was

bound to enjoy an immediate period of progress and prosperity. One thing there was, he said, about the people in there was, he said, about the people in the Interior which struck every observer; that was the unbounded faith which every resident had in the future of the every resident had in the future of the country and its immense mineral re-sources. In conclusion, he said that his company were convinced that they would do a large amount of business in this

district and would with other commercial undertakings of the country share in

undertakings (of the country share in the prosperity which would result from the development of the great industry of the Kootenays.
Don't Let Them Suffer.
Often children are tortured with itching and burning eczema and other skin dise sees, but Bucklen's Arnica Salve heals the raw sores, expels inflamation, leaves the skin without a scar. Clean, fragrant, cheap, there's no salve on eart a sgood. Try it.
Cure grananteed. Only 25c. at T. R. MorDirot the source of the great T. B. Mor-

hands of the Nelson Iribune, and the principals have put up a forfeit towards a side bet of \$500 each. Both men are on the ground, and while they are in the pink of condition, they are stul training judiciously to bet-ter their condition, if possible The People of the Interior and the Gov-ernment's Railway Policy. Mr. S. G. Faulkner of Vancouver, Pa-cific crast manager of the North Ameri-can Life Insurance Association, is in the city on a business trip and is staying at the Allan House. In conversation with a representative of the Miner yesterday Mr. Faulkner said that one of the objects of his visit to Rossland was the appointment of a local agent and he had placed Mr. J. B. Johnson in charge of the business of the Mr. P. E. McMallen to Erect Fifty Cot-tages for the Use of Miners.

Mr. P. E. Maddlen of Toronto, who is heavily interested in the Summit City townset is at the Allan. He leaves this week for the Boundary country. Mr. McMillen has not visited Summit since last fall, but be has been advised that there is quite a demand for real estate there during the past month. As a private investment he purposes erecting fifty

year to Mr. P. Burns to supply several markets in the Kootenay country. "The Similkameen country presents ad-vantages unsurpassed by any other in the province, having immense advantages in the way of gold, copper, silver, lead and coal, timber, fruit raising, argiculture, cattle raising and lumbering." there during the part month. As a private investment he parposes erecting fifty cottages on his own lots this spring. The company will also stend considerable money in street grading. The town, which is situated in Summit camp, lacks in house accomposition and Mr. Mc

He Kept His Leg. Twelve years ago. J. W. Sullivan, of Hartford, Conn., scratched his leg with a rusty wire. Inframmation and blood poisoning set in. For two years he suf-tered intensely. Then the best doctors urged amputation, "but," he writes, "I used one bottle of Electric Bitters and I and 1-2 boxes of Bucklen's Arnica Salve and my leg was sound and well as ever.

1 and 1-2 boxes of Bucklen's Arnica Salve and my leg was sound and well as ever. For Eruptions, Eczema, 'retter, Salt Rheum, Soges and all blood disorders Electric Bitters has no rival on earth. Try them, Goodeve Bros. and T. R. Morrow will guarantee satisfaction or refund mon-ey. Unly 50 cents.

Archaeologist's Report.

taking water supply. The stream is also capable of developing a valuable water power for lighting and power purposes. The R. Bell mine adjoins the city limits and the Oro Denoro and Emma mines are less than half a mile distant. Two of the properties are arriving daily, and they all the properties are arriving daily, and they all The annual report of Mr. David The annual report of Mr. David Boyle, archaeologist of the province of Ontario, just issued, makes interesing reading. In the exhibit at Toronto there are upwards of 22,000 specimens illustra-tive mainly of American archaeology and is about three-quarters of a mile distant

the Pan-American fair. The museum in Toronto is very attractive It not only provides for the diverse wants of students and visitors, but it also contributes to the general progress of scientific knowl-edge. During an official trip to Europe last summer Mr. Boyle gleaned valuable

Labor Treub'es in Similkameen.

Miners' Union No. 43 of Camp McKin-Aniners pinton No. 43 of Camp intertills iney has issued a circular warning miners to keep away from the Similkameen owing to labor troubles. The circular adds that the owners of the Nickel Plate on Twenty Mile creek are attemptidton, the war correspondent of the To-ronto Globe, was a collection of African native weapons, tools and other ethno-logical articles.

returning miners came in for the pur-pose of developing their property as much as possible without the aid of ma-chinery. Among the arrivals on Satur-day was Mr. H. D. Jones, who, in par-taership with Mr. E. Burr, owns the Sunrise, adjoining the Sunset mine, which is considered to be one of the bar perspectice or the mountain. which is considered to be one of the best properties on the mountain. Mr. Jones is a pioneer prospector of the Boundary, securing a comfortable fortune for his labors. He has just returned from a several months' visit to the east, with the purpose in view of carrying on development with the same vim that with the pullipse with the same vim that development with the same vim that characterized his efforts last year. Am-ong other claims beside the Sunset in which he is heavily interested are the Ingersoll Belle, Magnetic and Brooklyn, Ingersoll Belle, Magnetic and Broeklyn, which comprise a very prominent group on Kennedy mountain. It is expected that the first property to receive at-tention will be the Ingersoll Belle, which has exceptionally good showings upon it. Another company which expects to make this a busy season is the Mira Mont Mining company which is repremake this a busy season is the Mira Mont Mining company, which is repre-sented by Messrs. Rogers and J. B. Sil-verthorne. Mr Silverthorne, who was in Princeton the first of the week, stat-ed to a Star representative that it was their intention to proceed with the de-veloping of the Muldoon, and expected to mir a 100-foot tunnel in the porph-Millen feels confident he will make a good investment as there are several hundred miners working in the vicinity. Many of them are married and if they could secure quarters would remove their families to Summit. The townsite is lo-cated in a level plateau three thousand fleet above the Kettle river and comprises several hundred acres. It is traversed by Fisherman creek, which turnishes an uu-failing water supply. The stream is also capable of developing a valuable water power for lighting and power purposes.

pectors are arriving daily, and they all turn with renewed faith in the future are less than half a mile distant, of these properties are being developed and Mr. McMillen is advised that the Oro Denoro will be placed on the ship-ping list this summer. The B. C. mine is about three-quarters of a mile distant and employes over 150 men, who spend

K. of P. Grand Lodge.

Revelstoke is making elaborate pre-parations to receive the grand lodge of the Knights of Pythias of the province, which ist to convene there on May 14th. Delegates attending this gathering have been granted a fare and a fifth round trip rate by the Canaian Pacific railway.

Horses for the Fire Department.

Alderman McDonald returned from Alderman mchonald retunded home Calgary yesterday, bringing with him three horses which he purchased there for the fire department. One is to dis-place a disabled horse on the chemical and the other two are to be used on the hook and ladder truck.