ROSSLAND WEEKLY MINER, THURSDAY, JULY 15, 1897.



Concentrate Smelters There.

Control of the Property.

smelting business.

around Waterloo, is in town, bringing Probability That the C. P. R. Will with him news of a sensational strike recently made in the Bryan, in that

"The strike was made about three SUDDEN DEMANDFORLOTS weeks ago by Chester Robbins, an assayer of Waterloo," said Mr. True. Toronto People Seem to Have Got a "The ledge was considerably covered by wash, but a small hole disclosed a two-

Tip and Several Have Wired For foot paystreak of quartz mixed with sulphides and carbonates. The rock Options - Montreal Syndicate Has promised well, and Robbins took some specimens down to his laboratory to be assayed. They showed up surprisingly high values in silver and gold. One

Telegrams were received in Rossland sample went 500 ounces in silver, anlast week from parties in Toronto and other 1,100 ounces, a third 1,300 ounces Montreal making inquiries about the and the last 2,000. The last sample also

district.

townsite of Robson. One of these tele- showed up \$100 in gold. "The claim is located about two miles grams asked that an option be obtained southwest of the Maude S. The recent site. This is taken to mean that the camp, and the owners are contemplating of the company has been organized for the purpose of acquiring the Poorman group of gold-clusion concerning the establishment of the smelting industry at Robson. It cont strike. The company content work is the content to the smelting industry at Robson. It content to the strike to the content of the smelting industry at Robson. It content to the strike to the content of the smelting industry at Robson. It content to the strike to the content of the smelting industry at Robson. It content to the strike to the if possible on the entire Robson town- strike has excited great interest in the the smelting industry at Robson. It cent strike. The owners are Sir Chas. has long been thought the C. P. R. would select Robson for this purpose. It has many natural advantages for the has many natural advantages for the Gomaz, the adjoining claim."

THE WATERLOO STRIKE. It will be remembered that General Manager Whyte and General Superin- Results of a Large Number of Assays

on the Christiana.

opment of Its Property-Norway

Mountain Mines to Be Worked.

A strike is reported to have been

made on the Christiana in Iron Creek

camp on Upper Sheep creek, a few miles

west of Rossland. Some of the ore has

been brought in and shown in THE

ing is said to be excellent.

times in that district this fall.

A large party left Rossland Saturday

to commence work on claims on Norway

mountain in the Iron Creek camp and

all indications point to be very lively

SUNSET NO. 2 MINE.

tendent Marpole, of the C. P. R., came here a few days ago to meet certain mine

transportation of ores from this camp to ceived regarding the promising strike some suitable point for treatment. It is understood both Mr. Whyte and Mr. Marpole were greatly impressed with of Trail, one of the owners, the follow-

Marpole were greatly impressed with of Trail, one of the owners, the followthe tonnage of the camp and that they ing detailed assays were received:

ROBSON THE POINT BIG STRIKE NEAR WATERLOO. High Assays in Silver Reported From the Bryan. Burt True, who has been prospecting Waterloo is in town beinging to the prospecting

LIMITED LIABILITY. INCORPORATED UNDER THE LAWS OF BRITISH COLUMBIA, MAY 25, 1897. "COMPANIES ACT, 1897."

Capital Stock \$250,000.

In One Million Shares of the Par Value of Twenty-Five Cents Each.

PROVISIONAL DIRECTORS: A. L. DAVENPORT, Nelson, Miner, President; J. FRED HUME, Esq., M. P. P., Nelson, Vice-President; ROBERT EWART, Nelson, Miner, Secretary-Treasurer; J. FRED RITCHIE, Rossland, Surveyor; HECTOR MCRAE, Rossland, Miner.

SOLICITOR: John Elliot, Nelson, B. C. BANKERS: Bank of Montreal. NELSON, B. C. HEAD OFFICE, · · · PROSPECTUS

The remaining 200,000 shares are to be set aside as working capital for development purposes.

TITLE.

From the Bryan. Further information has been re-

EXPENSES AND COMMISSIONS.

Subscriptions are invited for an issue of one million shares of the company's stock of the par

being men of little capital, having been unable to set aside a sufficient amount from the profits of stoping to enable them to keep their development work sufficiently advanced, so that they ulti-mately arrived at a stage in which the available stopes were nearly exhaused and nothing but de-velopment work could be done for some time. That appears to be the reason for parting with their property. At any rate it is a perfectly good reason for men in their position. Before an adequate output of ore can be obtained, it is necessary to continue a tunnel which has been commenced about 160 feet vertically below the upper tunnel. To the date of our inspec-tion it has been driven about twenty fathoms, but it needs to go fifty fathoms further, and this will cost about \$2,700. It will then be necessary to drive right and left along the vein to open up stoping ground, so that on the Poorman an expenditure, underground, of about \$4,000 is required before a profitable output can be obtained. To work the vein by means of the shaft commenced in the mine is quite out of the question in view of the possibility of reaching a lower level by means of the tunnel alluded to; 1st, because the cost of opening up ground by sinking would be much greater, and secondly, the working costs would be increased by hoisting and pumping. At the White the only work done is a short drift put into the hillside at an altitude of about two fore the lower Poorman tunnel, and 270 tons of ore have been extracted. Of this quan-tity 50 tons were put through the mill, the remainder was on the ground at the mouth of the drift at the time of our visit.

at the time of our visit.

Here a deeper tunnel should be driven, the cost of which would be about \$3,000.

MILL

There is a 10-stamp mill in good order, but poorly housed. It stands about 240 feet vertically below the Poorman lower level. It contains: One Blake crusher, 11x9 inches; ten 850 pound stamps; two "Challenge" feeders; three vanners. This machinery is actuated by a four-foot Pelton wheel

driven by water, having about 230 feet head. The capacity of this mill should be doubled. To do this it will be necessary to make some ad-dition to the water supply. This can be done quite easily. It will be necessary to introduce an

ARS, nd ROPE Estimates.

Drill Co.

1111112

ILLS,

Boilers,

DRILLS,

aid: "The prospect-Lewis and Clark, ed and explored an on earth. It has thing succeeds like t success made by v. Mackintosh and rails, was beyond the had it not been for night we sit around rious frame of mind. et the army of 5,000 ight making history l laying the foundaire. These are heroes cestry lie at Waterloo, burg, or wherever a place. Here is to the tor-from Clondyke to access crown his efforts

Ladies," proposed by nd responded to by G. he "Chairman," pror Dewdney, and the lostess," by the viced. The banquet was by the singing of "God and "Auld Lang

on Starts for Chili.

., July 10 .- [Special]minister to Chili, and his post of duty tobe 25 days in making

Any of These? attering of the Heart, ath, Smothering Spells, Ankles, Nightmare, and Exhaustion. These ced symptoms of Heart gnew's Cure for the elief inside of 30 minect a speedy cure in the ases. It's vegetable, it's less, it's wonderful. n & Morrow. ONAL CARDS er, Solictor, Etc. olumbia Ave., Rossland. & CO.,

President Shaughnessy at Montreal on the necessity of taking immediate steps towards getting a foothold for the C. P. R. in Rossland and for providing C. P. R. in Rossland and for providing total \$151.84; No. 5, gold \$101,40, silver cheap transportation and smelting \$878.90, total \$878.90; No. 6, gold \$6, facilities for the Rossland ores. At the silver \$37.46, total \$43.46; No. 7, gold same time this was done United States \$37.60, silver \$57.60, total \$95.20. Senator George Turner, of the Le Roi Mr. Le Maistre adds that claims are mine, and T. G. Blackstock, of the War being staked everywhere in the vicinity, Eagle, went from Ottawa to Montreal to and that the company hopes to send see Vice-President Shaughnessy on the down a small shipment to the Trail

subject of smelters for Rossland ores. smelter to be tested. No definite information has been re-

ceived here as to the result of the repre-NEWSOFIRON CREEKCAMP sentations made to Mr. Shaughnessy by Messrs. Whyte and Marpole, or by the visit of Messrs Turner and Blackstock, Strike of Rich Gold Ore Reported but those who are able to put two and two together will hardly fail to detect the meaning of the telegrams received yesterday asking about the Robson Chrysolite Company Will Push Develtownsite. As a matter of fact, the Robson townsite was secured long ago by Montreal people, one of them being

Frank Paul, a member of the syndicate, which bought the old Rossland townsite several months ago. Mr. Paul probably knows what he is doing.

SECOND AVENUE BRIDGE.

It Will Be Completed This Month and Will Cost About \$4,000.

MINER office. It is a fine looking quartz By the last of the month the new carrying some iron pyrites and a little bridge will be completed across Centre galena. It is by far the best looking ore Star creek on Second avenue. The ever shown in Rossland from the Iron structure is being put in by the Nelson & Fort Sheppard railway company, to have shown \$89.60 in gold and 24 which owns that part of the Rossland ounces in silver. Assays made from antownsite. The bridge will be of consid- other ledge on the same claim show a townsite. The bridge will be of consid-erable convenience to the residents of the northern part of town, as it will the northern part of town, as it will permit of easy communication from the gold is, of course, the one most highly east end of town clear to the baseball esteemed and it is upon this that work grounds, and it is expected to divert will be continued. This strike shows traffic to Washington street.

The bridge will be 350 feet long and 65 grade in Iron Creek camp. S. F. Griswold has returned from feet high in the middle span. A 24-toot Waitsburg where enough treasury stock roadway will be provided for, and on of the Chrysolite company has been sold each side of the bridge there will be an to provide ample working capital for deeight-foot sidewalk, raised slightly above velopment purposes. Mr. Griswold will go at once to Iron Creek camp and the driveway. Four-foot guard rails will provided the whole length of the push work on the Chrysolite. Five men are already at work there and the show-

bridge. The work is being carried on under the supervision of John Quigg, who built the Stony creek bridge on the Trail-Robson road, one of the biggest structures in the Kootenays. The cost will be about \$4,000.

PROBABLY NOT COMING BACK.

W. A. Campbell Has Closed up His Ore Body Found Again in the Tunnel Busines-City Short an Alderman. -Progress of the Work. The continued absence of W. A. Campbell from the camp is arousing a good deal of comment and it is reported that time a break in the vein has been caus- standing. The gentlemen named are some sensational dispatches on the sub-ject have found their way into outside ing a good deal of trouble. This has ing a good deal of trouble. This has They came to Rossland not only to look called at this office in reference to the

The following are extracts from the very full report of Messrs. Bewick, Moreing & Co., mining

engineers, of London, Eng.: The property is situated on the northern flanks of Toad Mountain about two miles west of Nelson, and with an altitude of 1,500 to 2,500 feet above sea level. It consists of five claims with an area of about 130 acres.

GEOLOGICAL FEATURES AND VEINS.

The rock occuring throughout the property is a hard mica-syenite, traversed in several direc-tions by eruptive dykes. The rocks are mostly concealed by heavy accumulations of detrital

tions by eruptive dykes. The rocks are mostly concealed by heavy accumulations of detrital matter so that the outcrop of veins make very little display on the surface. There are three known quartz veins intersecting the property, but only two of them have been operated on to any extent. One of these occurs on the Poorman, and has been proved, partly by mining and partly by trenching for a length of about 1,000 feet; but the property on the line of the vein has a length of 4,500 feet. Where proved, the thickness of quartz varies from three inches to five and a half feet, and averages about two feet three inches. The other vein alluded to is in the White. Where worked it has a thickness of about seven feet, including country rock. Along the hanging wall there is a rib of quartz varying from six to inches to eighteen inches in thickness, and on the foot wall is a similar rib ranging from six to twenty-four inches. The intervening area is composed mainly of country rock traversed by stringers of quartz, which are some times so numerous and valuable that the vein is worked from wall to wall. wall to wall.

CHARACTER OF ORE.

The ore in all the veins has the same general character, and consists of milky quartz, mostly traversed by threads, stringers and bunches of auriferous pyrite with a little galena and chalco-pyrite, but in some places the quartz is perfectly white and free from pyrite. Occasionally, when jointy, this white quartz carries a considerable amount of visible gold. The more important source of this metal, however, is the pyrite and other sulphides existing in the ore, which, when taken alone, run very high in gold. The gold is mostly "free." Only about 1½ per cent of con-centrates are produced in milling. These have an average value of about \$24.00 per ton, or 36 cents per ton of ore milled. With the present machinery there is a loss of nearly \$4.00 per ton in the tailings. Much of this doubtless could be saved economically with additional plant. Assays of average samples taken by us give the value of the ore in the Poorman mine at .84 ozs, per ton of gold and .65 ozs. per ton of silver. In the White, .93 ozs. of gold and .5 ozs. of silver.

WORK DONE ON THE VEINS.

Most of the ground in the Poorman above the top level, affording about fifty feet of "backs," has been stoped away, but below that level very little stoping has been done, the late owners,

improved tailings plant, so as to save some of the gold that now goes down the stream.

OTHER MACHINERY AND PLANT.

In addition to the mill there is on the ground: One air compressor and receiver for driving three drills, and about 2,500 feet of two-inch pipe leading up to the mine. This machinery is driven by the Pelton wheel. One rock drill; one hoist, 4x6 inches, with 6-inch drum geared 5 to 1; one vertical boiler, 8x3 feet diameter; one Knowles sinking pump, 10x14 inch steam and 6-inch ram, with 4-inch suction and 3-inch delivery. Both hoist and pump are arranged to work either by steam or compressed air.

Also a considerable length of rails and pipes of various sizes, from one-half to one and a half inches, and all necessary cars and tools to work the mine on the small scale it has hitherto been worked. The mine is equipped with a sufficiency of wooden buildings.

FUTURE WORKING.

Besides completing the lower tunnel at Poorman, a deeper tunnel should be made at White. These works, with the necessary drifting along the lodes, which will take about six months, will

These works, with the necessary drifting along the lodes, which will take about six months, will render it possible to obtain an output of fifty tons per day or 15,000 tons per year. The development work suggested would (provided no unforseen occurrence interferes with the yield of the vein), with this rate of extraction, serve for between three and four years' output at least. The lower tunnel at Poorman is about 260 feet vertically above the mill, and the White tunnel about 710 feet above it, so that there are abundant "backs" for years to come that can be reached in the most advantageous manner.

ESTIMATED COST OF WORKING.

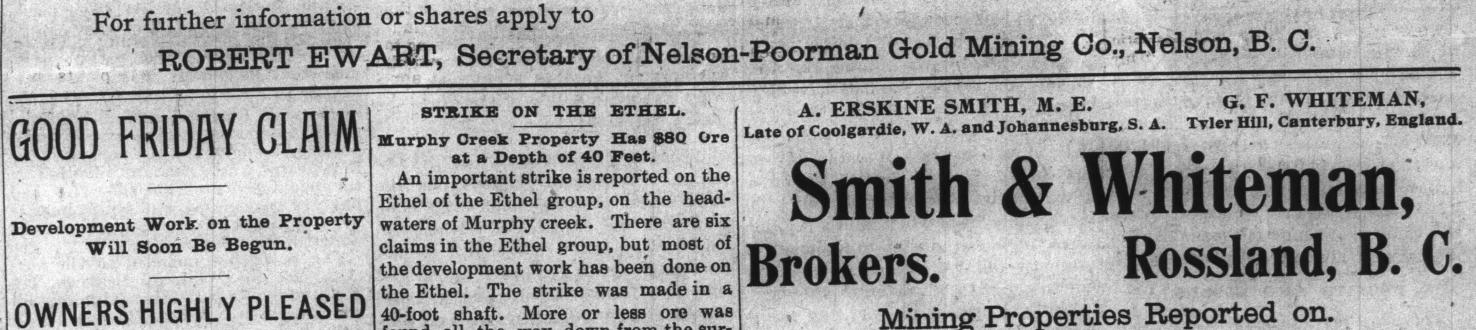
When the suggested new works are completed, we estimate that the cost of working will not exceed the following, and probably will be less: Mining, \$4.00; Milling, \$1.00; Superintendence \$.65; Sundries, \$.35; Total \$6.00 per ton. Taking the net value of the ore at only \$14.00 per ton to allow for deterioration, there will be a profit of \$8.00 per ton, or \$120,000 a year on an output of 15,000 tons.

COST OF NEW WORKS, ETC.

The cost of the extensions to the mill, and other works needed to enable the before mentioned output to be obtained, is estimated at \$22,000, as detailed as follows: Mine development, \$7,000; Ten stamps and accessories, with new building, \$10,000; Flume from Sandy creek, \$3,500; Sundry works and payments, \$1,500; Total, \$22,000.

VALUE OF MINE.

From a consideration of the foregoing figures and of the circumstances surrounding the mine, we are led to the conclusion that the value of the property may be safely taken at \$240,000. In fixing upon this value we make ample allowance for all the risks attendant upon this class of mining. (Signed) BEWICK, MOREING & CO.



found all the way down from the sur-

face. The assays of surface ore showed

of the other claims in the group are said

THAT LE ROI CHALLENGE.

Mining Properties Reported on.

Require immediately first-class properties (prospects or . This leaves no reasonable doubt of the value of the ore which is a heavy pyrrho-tite, much like the best ore on Red partially developed which will bear mining engineers inspec-tion), to place on the English market. G. F. Whiteman Nathan Toklas, of Spokane, Ferdinand mountain. Surface showings on some leaves for London in July.

Cable Address, "Erskine" Rossland. Code: Moreing & Neal. P. O. Box 257.

MRS. M. A. CAMPBELL, Stenographer and Typewriter.

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4. Rossland, B. C.

AY & CLARKE, DSSLAND, B. C. ineers and Assayers. e for Underground Surveying pecialty-Superintending, Dev-orting on Mineral Properties. a member of Rossland's first board of \$20 in gold. aldermen. He has never qualified and The tunnel is in 150 feet and has yet so far as THE MINER knows has not in- to run 150 feet before getting under the licated any intention of doing so. Upon shaft put down last winter. This shaft Friday. inquiry THE MINER has learned upon is down 70 feet and the tunnel will open authority not to be disputed that Mr. the vein 40 feet below it. It is believed Campbell has settled all his obligations the ore will be continuous from the here and taken steps to close up his bus-iness. He probably does not intend to shaft, as there are no indications of a

break on the surface. return to Rossland. Back From Mineral City.

DOUBLED IN FOUR YEARS.

C. C. Woodhouse, jr., the well known Population of the Mainland Twice That

of Vancouver Island. VICTORIA, July 8.-[Special.]-From Mineral City, the new town recently figures obtained from the manuscripts of started on Cariboo creek. "There is a the Williams' provincial directory the whole white population of the mainland of British Columbia reaches 78,850, or a doubling inside of four years. The population of Vancouver and adjacent population of Vancouver and adjacent islands foots up 38,500 according to the same figures, making a total of 117,350 tions there now. I visited the Shver Queen company's property and the showing there is quite satisfactory. The tunnel is now in 46 feet and eight men without taking in Indians.

for employment."

MAIDEN BLUSHES.

"My daughter has been ailing for

nearly two years with nervous prostra-

the Maiden, It's Good for the Mother. from the start.

Machinery Contracts Awarded. NELSON, July 8 .- [Special.]-Contracts

have been awarded to both the Ingersoll and Rand companies for temporary machinery for the excavation of rock at the middle falls of the Kootenay river for the big electric power plant to be put in there by Sir Charles Ross and his associates. James D. Sword, of the Ingersoll company, and Frank Mendenhall, of the Rand company, have been here and furnished bids and estimates. They were so close together that the contract was divided between them. Mr. Mendenhall returned to Rossland today and

New Steamer Line For St. Lawrence.

Mr. Sword will go to Sandon.

ician finally declared she was in the formerly a solicitor for the News, made a crowd, considerable excitement over a rumor decline. We despaired of her recovery. trip through the Salmon valley several that a line of magnificent boats is to be She gradually grew worse. I found so weeks ago, and the Quartz Creek Miner Gulf of St. Lawrence is reached. These boats will carry both merchandise and passengers and will equal in appoint-ments the fract further and the appoint and the set of the se ments the finest fresh water boats afloat. as well and hearty as ever she had been." of its own. Now Cunningham says both relieves all itching and burning skin dis-It is said that the project is being backed by Colonel Corbin of New York city. Mrs. Geo. Booth, Orangeville, Ont. Sold by McLean & Morrow.

to the Good Friday claim, which has tunnel of the Sunset No. 2. For some just been released from a dispute of long Suther Campbell Says the Use of His

the Start-Has Some High Grade

Toklas, of San Francisco. Frank Watson

and Robert McCann, went out last week

Galena.

cents.

papers. Mr. Campbell had very large now been overcome and there has been They came to Rossland not only to look called at this office in reference to the interests here and in March was elected found a good body of ore running about it over, but to meet W. J. Taylor, of challenge to Le Roi miners, published Victoria, the well known barrister, who in yesterday morning's paper, and

Think It Will Make a Big Mine and from \$7 to \$12 in gold. The values have

Will Prove a Shipper Almost From steadily increased and the last one made

to be very fine.

is to formulate the plan for organizing a signed by him and W. A. Henderson. company to own and develop the Good "The use of my name in that challenge Friday. The whole party returned from the he. "I do not crack myself up to be a

The whole party returned from the examination of the property greatly pleased. They found it beyond their expectations. They traced the big ledge up the northwest slope of Red Moun-tain for 600 feet, and found the upper end fully 35 feet wide with solid ore near-ly all the way from side to side. They say it is one of the most magnificent showings ever seen here or elsewhere.

mining engineer, is back from a trip to showings ever seen here or elsewhere. Big Assays From Deer Park Mines.

A large piece of ore was taken out and brought down to the city and left on the Some remarkably rich strikes are residewalk in front of Wallace's store, ported from the comparatively new Assays made some time ago by the camp of Deer Park, on the Lower Arrow where it attracted much attention. Tacoma smelter of samples from the lake above Robson. Only a small same showing went \$37 in gold, 230 ounces in silver and 40 per cent lead. Very little richer ore than this has been found in the Rossland camp. In ap- thing from free gold to galena.

Libel Suit Threatened.

prosecuting both papers.

tunnel is now in 40 feet and eight men are at work. The wagon road from Burton City is furnishing work for all the men in that section who are looking the men in that section who are looking great for the treasury shares of the new per ton. From the Rob Roy, another company that they will be put on at 75 claim lying close in to the town of Deer

Park, the assays showed 18 ounces in How They Fade When the Hand of Dis-ease and Disorder Lays Hands on owners, said the organization of the Work On the Big Bluff.

Them-What a Godsend is a Reliable company would be completed in a few The work of hydraulicing away the and Well Tried Remedy - How We days and that a large force would be put Hail the Return of the Pink of Health Under Its Influence-If It's Good for It is expected the mine will be a shipper west side of the big bluff at the end of big bank of dirt and boulders on the Columbia avenue, was begun Saturday

The flume was found to be too small and it will be enlarged before work is re-

It is likely that the Trail Creek News sumed. The water was obtained from ject to. For days at a time she was con- have a libel suit on their hands. It was conveyed to the scene of operations New Steamer Line For St. Lawrence. LEWISTON, N. Y., July 9.—There is ician finally declared she was in the formerly a solicitor for the News, made a

Pile Terrors Swept Away. built to ply on Lake Ontario. They will little benefit from remedies I was skep- came out in an article accusing him of Dr. Agnew's Ointment stands at the start from Lewiston and run down through the St. Lawrence river until the Gulf of St. I.



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