

THE ROSSLAND MINER.

Two Dollars a Year.

ROSSLAND, B. C., FRIDAY, NOVEMBER 20, 1896.

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DU MARAIS' OPINION

Considers the Camp of Butte Most Similar to That of Rossland.

IMPRESSIONS FAVORABLE

Rossland Will Be a Great Low Grade Ore Camp With Smelters as Near the Mines as Sufficient Water Can Be Obtained.

Emile M. du Marais, who came to Rossland to make a report to the French government on the mineral resources of the Trail Creek camp, concluded his work this week and will go to Nelson and the Slovan country shortly. During his visit here M. du Marais has impressed himself on those who have had the pleasure of meeting him as a most painstaking, conscientious and capable mining man. His report will in some respects be the most complete ever made on this camp. It will be sent to the French minister of commerce and will be for the use of the French investing public.

The work of M. du Marais has been very extensive. He was first sent to the gold fields of northern Siberia and was there five months. Recently he has been in Montana and Colorado. After seeing the mines about Nelson and Answorth he will visit those about Leadville, Arizona and Mexico if time permits, returning to Paris next summer, after one more visit to Rossland and the Boundary country.

In order to obtain from M. du Marais such an expression of his views on the Trail Creek camp as he is at liberty to give to the public THE MINER submitted to him a number of questions with the request that he make the answers in writing, which he has had the courtesy to do. The questions and answers follow:

"What are your impressions of the camp—favorable or unfavorable?"

"Although the camp is a little new to give a definite opinion I can say that my impression is favorable. The camp seems to be remarkable for its extent and its powerful mineralization."

"Have you observed any other formation like that here?"

"Of course the formation has its own distinctive character but it seems to me that the mining camp of Butte is the most similar to the Rossland camp."

"In what respect is this camp like Butte?"

"As in Butte the ore deposits are in wide fractures in the country rock and very often go through the walls impregnating the country rock. As in Butte the value in copper is rarely found near the surface but in Rossland the rock is very siliceous granite in which the feldspar may be decomposed and replaced by iron and copper pyrites, giving the enormous ore bodies of the Anaconda and Rarus mines. In Rossland the rock being much harder it cannot be decomposed by water in the large ore bodies beyond the vein itself can be found only in the places where the rock is fractured. In Rossland there is no gold—only silver; in Rossland the value is mostly in gold."

"Do you think we can successfully treat our low grade ores?"

"I think that the future of the camp is exactly in the low grade ores. Every year there is some improvement in the treatment of such ore. I hope that the new railroad from the Crown's Nest will be built very soon and bring at low price the fuel necessary for mining and smelting purposes. At that time the price of smelting will be largely reduced. It is very probable too that for any siliceous and low grade ores some chemical process such as cyanide or chlorination will be successfully used. The reduction of the price of treatment will be the most important factor in the rapid development of the camp, for it seems to me that Rossland will become a large camp for low grade ore rather than a small camp for high grade ores."

"Will the tendency be to establish smelters in or near the camp?"

"With such low grade ore abundant in the camp the best place for treating seems to be the one nearest the mines with abundant supply of water at all seasons. I do not know if it is possible to bring to Rossland a sufficient quantity of water at reasonable expense. If not it is very easy to find on the banks of the Columbia river some good place, when the output of the camp will be too great for the Trail smelter to handle."

"Do you think French capital will be attracted to British Columbia?"

"French capitalists are a little slow to invest in new countries but they prefer the sure profits from low grade camps to the enormous but less certain profits of extraordinary rich districts. The time may come, when a few more mines have paid dividends, when they will invest pretty largely."

I. X. L. GOES TO WORK.

One of Rossland's Free Gold Bonanzas Which Has Long Been Idle.

The famous I. X. L. mine, the first free milling property to be located in Rossland, is to be worked on a large scale. John S. Baker, of Tacoma is the principal owner and has just incorporated a company in Spokane to take over the property. Associates with him in the new company are Jacob Hoover, president of the Exchange National Bank, I. N. Peyton of the Le Roi mine, John H. Scott, general manager of the Wilkeson Coal & Coke company, Edward Bechtel, also of Wilkeson and C. P. Oudin, of Montreal. The company is capitalized at \$1,000,000.

The I. X. L., as stated above was the first free milling proposition located in Rossland, having been staked in June 1891. It is adjoined on the west by the

famous O. K. and on the south by the Gold Drip. Considerable work has been done in past years on the I. X. L. and about \$6,000 has been taken out of the property the ore averaging in the neighborhood of \$80 per ton. The work consists of three crosscut tunnels with short drifts on the main vein. It is now proposed to drive a long crosscut from near the east side line of the claim to cut the three known ledges traversing it from north to south. A contract was let on Thursday for 250 feet of this work which will tap the main vein at a depth of 150 feet.

The main vein of the I. X. L. has also been opened by a crosscut tunnel on the Gold Drip at a depth of 40 feet, showing at this point about eight to ten feet of free milling quartz. A drift towards the I. X. L. shows a width of 12 feet. Nearly all the workings of the O. K. begin on I. X. L. ground, the latter catching the O. K. vein for a distance 150 to 200 feet across its southwest corner.

As early as possible in the spring a compressor and 10-stamp mill will be erected on the property.

ON THE MARKET AT LAST.

Nelson & Fort Sheppard Lots Are on Sale—Some Street Improvements.

The real estate holdings of the Nelson & Fort Sheppard railway company adjoining the townsite of Rossland were put on the market this morning, with the exception of the lots on the Paris Belle mineral claim. One half of the lots on the Alice have been deeded over to the owners of that claim and will be sold by W. S. Rugh, assisted by A. B. Irwin. All the rest of the addition will be handled by the Reddin Jackson company and Dean Smith & Co. jointly.

The prices vary from \$100 to \$4,000. The cheaper residence lots are on the Derby and Great Western mineral claims and the highest priced lots are on First avenue. On business property the terms of sale will be 5 per cent discount for cash, or one-third cash, balance in two and four months. On residence lots the discount for cash will be 10 per cent, or one-third cash, balance in three and six months. Squatters on the company's lots will be given the preference of purchasing the lots occupied by them providing they apply for the same at once.

Among the improvements to be undertaken at once by the owners of the addition will be a wagon bridge across Centre Star gulch on Second avenue and the gardening of Second avenue and Washington streets.

O. K. TRISTLE COMPLETED.

Red Mountain Railway to Be in Town in a Few Days.

Freight is being hauled very rapidly by the Columbia & Red Mountain at the O. K. siding. Twenty-seven wagons were loaded yesterday. Still there is a great deal of freight accumulated at Northport. There will necessarily be more or less delay in getting this into Rossland until the road is completed. Mr. Ruff, the local agent of the company, is making every endeavor to meet the requirements of the situation.

The track was completed over the O. K. trestle Wednesday and the track will reach the upper and last trestle today. It will not require more than three or four days to build this. Track laying will then be continued into town. The road will be completed into town in a little over a week.

STO FREE-GOLD ORE.

Norway Claim Near the Trail Smelter Sold for \$16,000 Cash.

On April 30 last Fred Hagen located a mineral claim, which he called the Norway, about half a mile below the Trail smelter on the west bank of the Columbia river. He drove a tunnel in the vein a distance of 60 feet showing an average of 17 to 24 inches of free milling gold quartz all the way. In the face are 22 inches of the same ore. There is a clean separation on both walls which are of granite.

The property was brought to the attention of J. B. Johnson, of Paterson, Johnson & Co., about two months ago, and he kept pretty close tabs on its development. On Monday of last week he visited the property accompanied by A. S. Goodeve and this week closed a sale to A. S. Goodeve, Edward Latham and W. H. Goodeve for \$16,000 cash. The purchasers are organizing a company to be known as the Dominion Gold Mining company to take over the property and the claim is being surveyed for a crown grant.

That the property is a most promising one is evident both from the showing in the tunnel and the value of the ore. Two sample assays the entire length of the workings went \$62.40 and \$84 in gold respectively.

PALO ALTO'S RICH STRIKE.

The Ore Has Widened to 10 Inches and Runs \$41 in Gold.

Announcement was made in THE MINER last week of the opening up of a body of shipping ore in the bottom of the Palo Alto shaft. Since last week the ore chute has widened from eight to ten inches. The value in gold has also increased. There have been four assays made, running as follows: \$24.30, \$35, \$38 and \$41 in gold. The last assay was the highest and was made from ore taken out Wednesday. The same ore showed one per cent of copper.

The entire vein is five feet four inches wide and the gangue runs \$8 in gold. All the indications for a large, high grade ore body are most favorable. The judgment of Manager E. Bouche in selecting the place he did on the Palo Alto ledge for a shaft has been vindicated. He has won the entire confidence of the stockholders of his company and well deserved the success he has achieved. The strike in the Palo Alto gives new interest to the San Joaquin and all the claims in the vicinity.

A RECORD BREAKER

Samples From Red Eagle Assayed \$929 Per Ton in Gold.

ORE SHOWS NO TELLURIUM

Its High Values Are a Great Surprise—Looks Exactly Like Ore From Mayflower, Curlew and Other South Belt Claims, But It Beats Them All.

The latest assays from the Red Eagle are sensational. High assays have been had for a week, the average being from \$50 to \$60 in gold and silver, but on Thursday Mr. Merry, of the Kamloops Mining and Development company, secured the phenomenal return of 46.44 ounces in gold and 9.25 ounces in silver. This means \$928.70 in gold and about \$5 in silver, or a total value of \$933.30. This is one of the highest assays ever obtained in the camp.

The ore from which this was made comes from an open cut on the ledge near the south ledge of the Mayflower in which very high grade ore is now found. The Red Eagle ledge shows on the hillside just east of the Columbia & Western railroad track about 1,000 feet north of the sawmill.

Some pieces of the ore brought over from the mine were shown about town this morning and attracted much attention. Mr. Merry examined them for tellurides of gold but found none. The ore body looks very much like that found in the Mayflower, Blue Bird, Lily May, Curlew, Silver Bell, Hattie Brown and other further developments in the Red Eagle will be awaited with much interest.

CROWN POINT AND TIGER.

Two Long Crosscut Tunnels Being Driven—New Shaft in Solid Ore.

Very rapid progress is now being made in the development of the Crown Point and Tiger. The compressor is now running in perfect order. There are three drills at work on the Crown Point tunnel, one in the new shaft of the Crown Point and one in the Tiger tunnel. The new Crown Point shaft is now down 40 feet and has been sunk in solid ore. Both the Crown Point and Tiger tunnel are being run to tap the ledge and both are yet in country rock. It will become time before either reaches the ledge. The company will probably put on two more drills, an additional one in each of the two tunnels being run. In this way progress will be much more rapid.

Black Canon Group.

The Black Canon group is now being surveyed for a crown grant. It consists of the Black Canon, Amazon and Ella, and is situated about 3,000 feet southwesterly from the Crown Point on the west bank of Tiger gulch. The claims extend along the creek for a distance of over 4,000 feet, and are traversed by a ledge or ore zone about 100 feet wide with a heavy iron capping which is much oxidized. The claims were first located in that portion of the south belt, as work has lately been begun on them they are attracting much attention at present. Rich developments are expected.

Condition of the Le Roi.

General Manager George Turner in an interview published in a Spokane paper, said: "The mine is employing about 120 men, and shipping daily about 125 tons of ore. The property never looked so well. New ore bodies have recently been opened up on the 300 and 300-foot levels. At the bottom of the shaft, at the 500-foot level, a chamber is being cut out for a station. The men have cut 26 feet across the vein, all in ore, and with no sign of either wall."

Self-Defiant Work.

The annual self-defiant work of the Salvation Army takes place from Nov. 22 to Nov. 23, inclusive. Every salivarianist is occupied with preparations for this event. A wonderful testimony of the Army's development and activity has been paid in past years by the large sums of money which have been raised in this way. Members of the army as well as friends of its many social institutions, are asked to abstain from all luxuries, and in many cases officers and soldiers have actually done without certain articles of food.

PERSONALS.

J. J. Vorpe, of Van Wert, Ohio, is here this week inspecting the various mines of the camp. He is interested in the Ohio Syndicate properties.

John Morfy, one of the principal owners of the Coolgardie mine in Western Australia, arrived last Saturday and will remain for some time.

John F. McCrae has returned from Montreal and D. M. Linnard and John M. Burke are expected this evening.

Hon. T. Mayne Daly, minister of the interior, in the late conservative cabinet, is in Rossland.

James F. Wardner left Toronto Wednesday and is coming direct to Rossland. He has successfully closed the deal for the Colons and for the purchase of 800 lots of the Rossland Townsite company.

Friends of John V. Cole, of the White Bear company, will regret to learn that he slipped and fell in front of the Kootenay hotel Wednesday evening and broke his leg.

Smith, Hewitt & Co. is one of the new firms recently organized to do a mining and brokerage business. The firm is composed of gentlemen who have been prominent in Toronto and other eastern Canadian cities and who have good connections.

Harry Lippman has returned from Coulee City, Washington, where he went to close up some business for Hunter Bros. He was unusually successful in getting into shape a business which was scattered over all the country between Coulee City and Concomully.

Walter Macdonald, of Toronto, has been in the camp this week making himself acquainted with the leading mines. He is the representative of a number of Toronto people who desire to make an investment here.

W. H. Corbould, who has been prominent and successful in the handling of Australian mining properties, has arrived here and will probably make Rossland the central point of his operations for some time to come. Mr. Corbould is a native of Australia, but has spent much of his time in London.

John Manly came over from Grand Forks this week and had a long conference with M. du Marais, the French engineer. Mr. Manly's long residence and wide experience in the Kettle river country will give him a valuable store of information and it was fortunate that M. du Marais was able to meet him.

Henry Croft, of Victoria, who has strong financial connections both at home and abroad, has taken an office in Rossland, and will remain here permanently. Mr. Croft was formerly inspecting engineer for the government of New South Wales. Since he came to Victoria he has been for eight years member of the provincial parliament.

CALIFORNIA GETS ORE.

Body of Clean Pyrrhotite in the Face of the Main Tunnel.

A strike was made in the California main tunnel Tuesday. The tunnel had been driven about 112 feet on a talc seam. The rock on the hanging side has been heavily mineralized from the first, but no solid ore appeared till Tuesday when a body of clean pyrrhotite 18 inches wide came in across the face of

RAILWAY TO ROBSON

Will be Built and in Operation in 90 Days.

THROUGH TO RENTICTON

Mr. Heinze Will Let a Contract for the Whole Line at the Same Time. It May Be Made Standard Gauge Throughout.

F. Aug. Heinze has advertised for bid for the construction of the Columbia & Western railroad from Trail to Robson, to be built this winter. Bids are asked for both narrow and standard gauge and the question of the gauge will be decided when the estimates are in. Should standard gauge be decided on the road from Trail to Robson will be standardized forthwith. The contract will call for the completion of the road to Robson in 90 days.

In this connection it may be stated that there are now in the neighborhood of 175 cars of West. Kootenay freight on the C. P. E. and Mr. Heinze has concluded that to handle the business it is absolutely necessary to have the road to Robson in operation in the time specified. To our certain knowledge this action was not decided upon till yesterday, though it has been under advisement for some time.

The new Mogul engine has arrived at Trail and will make its initial trip to Rossland tomorrow. Freight cars are arriving daily and new passenger coaches will be in operation next Wednesday.

MINING NEWS.

J. L. Warner has a diamond drill at work on the Midnight, a claim near the O. K., and showing free milling quartz.

The Red Eagle company has organized with 1,200,000 shares, 500,000 of which go into the treasury. Work is to begin immediately.

The International Gold Mining company authorizes the statement as to the advance the price of its treasury shares on December 1.

Two shafts are now working in the Sunset shaft. The vein has an average width of two feet, and the ore is of good grade. In appearance it is much like the Butte ore.

Work has been resumed in the shaft of the Mugwump, with even a stronger ore body than there was before. The shaft house is now complete and the new hoists work admirably.

A sample of several pounds of ore from the Mascot, one of the Big Three company's properties, taken on Wednesday went \$48 in gold.

The crosscut tunnel on the San Francisco is now in about 40 feet. It is expected to cut the ledge in 20 feet more. The showing on the surface is so fine that much is expected of this crosscut.

The vein on the St. Paul after pinching up to a few inches has widened out again and now shows four feet of ore in the breast of the tunnel. The last assay made went \$6 in gold.

The shaft on the Red Mountain is now down 60 feet and continues to show two feet of clean ore on the hanging wall, and the balance of the shaft is in well mineralized vein matter.

Some very fine looking ore is already coming from the Giant. The shaft is now down 20 feet and there is mixed ore across the entire bottom. How much wider than the shaft the ore body is cannot yet be determined. Some of the ore is quite compact and solid.

As soon as C. J. McCuaig gets back to Montreal he will perfect the organization of the Coxy company and work will then be pushed on the property. Just before he left Rossland Mr. McCuaig got an assay of \$60 in gold and copper from some Coxy ore.

The Mascot Gold Mining company has been incorporated to acquire and work the Mascot. The name of the company, which has been made in these columns. The claim adjoins the Mascot and is opened by a shaft down 25 feet. J. J. Henager will be superintendent.

A contract has been let for 100 feet of tunnels and shafts by the Rossland-Trail Creek company on its group of claims between Lake and Lookout mountains. The work will be done on the Island Belle and Golden Crown. Winter quarters for the men have just been completed.

The Waneta and Trail Creek company this week sent down five tons of what it supplies to the camp near Waneta. The supplies were taken by the steamer to the landing and thence to the mine by pack train. The shaft is now down 30 feet and the galena which at first appeared has gone out and iron and copper pyrites have come in to take its place.

The San Joaquin Gold Mining company whose property adjoins the Palo Alto, will advertise for bids for sinking its shaft to a further depth of 100 feet. The ore at 80 feet is coming in good and strong and the success that has attended operations on the Palo Alto has encouraged the shareholders of the San Joaquin to make further developments.

The Butte shaft is now down 60 feet. Two ore chutes have been cut in that distance. The dip of each was strong enough to take them out of the line of shaft. Each is from two to three feet wide. The last assays of the ore showed \$10 in gold, 4 ounces in silver and 6 per cent copper.

The new hoist for the Mayflower has arrived and is being put in place. Work will be resumed in the crosscut from the

shaft in a few days. Several carloads of ore were shipped from the mine this week to the Tacoma smelter. This ore is expected to show very high returns. From this time forward the Mayflower will probably be a centre of interest in this camp.

Moynahan & Campbell have taken charge of the Novelty and work under the new management has already begun. A new ledge was broken into a few days ago and some very good looking ore found very near the surface. Mr. Moynahan has a very high opinion of the Novelty.

J. J. Henager and Alex. Wilson, who own the Ore-or-no-go between the Zilior and East St. Louis, have started work on that claim. The same parties control the Boulder on which they have been working for some time and on which they have a fine showing of sulphide ore in the bottom of a 20-foot shaft.

The annual meeting of the shareholders of the Silver Bell Mining company was held at its office in Rossland on the 17th. G. A. Pounder, M. O. Tibbitts, J. J. Henager, W. J. Green and John A. Pounder were elected trustees. The statement of the treasurer showed ample funds on hand for continuing development in the vigorous manner in which it is already being pushed. Among the shareholders the stock book showed 152 actual residents of Rossland, which speaks well for the reputation of the company and its property at home.

CON. ST. ELMO.

St. Elmo Tunnel Has Out Three Ore Chutes in Its Ground.

The results obtained in running the St. Elmo tunnel through the Con. St. Elmo ground are sufficiently reassuring to leave no reasonable doubt of the existence of a large body of pay ore in this ground. The tunnel is now in 225 feet and has yet 50 feet to run before reaching the east end of the St. Elmo. In running this distance three ore chutes have been passed. The first carried but little value, the ore being coarse and much decomposed. This was near the mouth of the tunnel and but a few feet from the surface. The ore in the second chute was of better quality, running about \$25 in gold and copper. The third chute was of still better appearance and grade. Some samples of this ore ran 15 per cent copper. The last assay showed \$1.60 in gold, 12 ounces in silver and 15.46 per cent copper. This was made from a large sample of ore. This ore is very fine grained and is very attractive in appearance.

The impression one gathers in passing through the tunnel and in examining these ore chutes is that the tunnel is passing over a great ore body, the irregularities of which appear here and there. The St. Elmo people are of course making no attempt to explore these ore chutes since they are intent only on getting into their own ground. The Miner believes great results will follow the running of this tunnel.

ON THE RESERVATION.

Royal Gold Group Shows a Nice Body of Galena Ore.

Among the mining companies which are preparing to push active development on the Reservation during the winter is the Royal Gold Mining company, which has just put in a complete stock of provisions and material for several months' work. It will work one of a group of seven claims on Croutier Mountain, about seven miles from Northport and four from the Columbia & Red Mountain railroad. The company also has a group of seven claims on Grouse Mountain, not far from the Helen, Acme and Golding, and a group of two adjoining the Great Republic and Double Standard.

On the Royal Gold group assays of \$67 in silver and lead and \$2.40 in gold were obtained. About 15 feet of work has been done on one of the four ledges already discovered and it discloses a vein carrying 12 to 15 inches of galena, assaying as high as \$62.50, and a good body of quartz carrying iron. At a depth of about 12 or 13 feet these ore bodies seem to be merging into one, in the form of solid galena and pyrite iron ore, showing some signs of copper.

The hanging wall is slate and is separated from the mineral by about one-half inch of talc, while the other side of the contact, on the surface appears to be porphyritic granite. The owners of an adjoining claim, which has been iron capping easily traceable through the Royal Gold, have done one assessment work, and at six feet depth have a foot of solid iron carrying copper pyrites.

Silver Bell Goes Up.

The advertisement of the Silver Bell company as it appears this week is incorrect. The change in the advertisement was handed in too late to get into this issue. It announces that "the price of treasury stock, now seven cents, will after December 1 be ten cents." The developments on the property warrant even a higher price.

A Mining Centre?

Spokane must be hard up for evidence in support of its claim to being a mining center when its leading paper makes a specific feature of the fact that Hamilton Smith, who has been in Butte for several months, is going to pass through town on the cars—probably without even getting off and stretching his legs.

Created an Outport.

A press dispatch from Ottawa states that the Rossland has been created an outport of Nelson. It is presumed that this is only a temporary arrangement and that Rossland will be made a port of entry very shortly.

A Popular Caterer.

Everybody who is fond of something good to eat will be glad to know Escalier has taken the Colons restaurant. Mr. Escalier as a caterer, has no superior on the Pacific coast and Rossland is in luck to have him.

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