

MINES AND MINING

What is Going on in... Shaft, Drift, Stope, Winze, Etc., Etc.

CARMI HAS RICH ORE.

Fifteen Hundred Tons That Will Go \$90 to the Ton.

Messrs. G. A. Sonnemann and W. H. Lanney returned yesterday from the west fork of the Kettle river, where they have been looking after the development on the Carmi property which seems to be a property of more than ordinary merit. The claim was located two years ago by Mr. Lanney and he brought it to the attention of Mr. Sonnemann of Spokane, who took a working bond upon it and put a force of men to work on it. In sixty days after work was commenced it was evident that the Carmi was valuable. Mr. E. H. Thurston and Mr. J. E. Branscombe then came into the deal and in consideration of an interest agreed to take up the bond when it fell due and to pay for the development work up to a certain stage. Work was pushed on the property and now there is a shaft down to a depth of 110 feet and 125 feet of drifting. Besides this there is 1,500 tons of ore on the dump which will average \$90 to the ton. The vein which was only 14 inches wide on the surface is now 12 feet in width at the 100-foot level. The ore in the shaft runs from \$55 to \$90 to the ton. It is a quartz carrying sulphides of the Carmi and iron from wall to wall, with no waste. A contract has been given to a teaming firm to transport 2,000 tons of ore to the smelter at a cost of \$23,000. The distance to the smelter is 57 miles. The ore will be hauled to Midway, a distance of 52 miles, and put on the train there and transported to the pyritic smelter, a distance of six miles. The cost of freight and treatment will be \$16 to the ton, but with \$90 ore there will be quite a margin of profit. The mine and its development cost \$45,000, but Mr. Sonnemann is certain that the 2,000 tons of ore which he will ship during the winter will pay for everything and leave a good margin besides.

Mr. Sonnemann is so pleased with the Carmi that he has secured a bond on the Butcher Boy, the May and the No. 3 mineral claims, and the No. 5 and No. 6 fractions which adjoin the Carmi, and which carry the extension of its ledge. The bond is for \$100,000. Several hundred claims have been located along the west fork of the Kettle river, but so far not much work has been done upon them, although there are a number which have excellent showings. Mr. Sonnemann says he is satisfied that this section will come rapidly to the front as soon as trains are running to the west.

THE RICHEST CARLOAD.

Twenty-three Tons from the I.X.L. Yield \$7,840.

Returns from the richest carload of ore ever sent from this camp have been received from the Northport smelter by Mr. Roy H. Clarke, manager of the Carmi. The ore was taken from No. 1 and No. 2 levels, and consisted of 23 tons. Two tons of this was very rich, and went \$3,830 to the ton, or a total of \$7,840 for the carload. The development of the newly discovered ledge continues with satisfactory results. The lower tunnel is in for a distance of 300 feet, and the work of crosscutting for the vein has been commenced. The I.X.L. is in very good shape. Mr. John S. Baker, the managing director of the I.X.L., has secured a bond on the O.K. property, which adjoins the I.X.L. Mr. Baker is expected here from Tacoma shortly, and it is thought he will, while here, begin the development of the O.K. This mine was formerly operated by the L.A.B. mining company, and considerable rich ore was extracted from it. The company got into financial difficulties and went through the process of liquidation, and the old National Bank of Spokane which was the principal creditor of the company, bought the property in when it was disposed of by the liquidator. Since then nothing has been done with it. There is a good stamp mill on the O.K. which Mr. Baker will double utilize for the reduction of the ore from both the O.K. and the I.X.L.

RICH ORE.

Half a Ton of Ore Which Will Yield Twelve Thousand Dollars.

Among the passengers who are expected to arrive here by the steamer Anam from Skagway on Monday next are P. Scharnschmidt and H. M. Price, two of the principals of the Gleaner Mine company. According to letters received here, the two Victorians will bring down half a ton of ore which is expected to yield \$12,000 in gold, at least Mr. Scharnschmidt has \$200 to say so. He has made a bet for that effect at Skagway, and should the 1,000 pounds of ore not yield the large amount which he expects that it will, he will pay over \$200 to those who "took him" at the Gateway City. Five sacks of this rich ore arrived at Skagway from the Gleaner mine, situated on Taku arm, on Thursday, Dec. 29. There was 600 pounds in this consignment, and 400 pounds was when the Skagway prepared for shipment to W. Pelteu Harvey to be tested. When the Danube sailed, H. M. Price and Mr. Scharnschmidt were on their way back over the ice from the mine with more ore, and they expect to bring down on the Amur 1,000 tons of the rich ore, which they claim will yield \$24,000 to the ton.—Victoria Colonist.

The White Bear.

The crosscut from the 350-foot level of the White Bear has been started and good progress is being made. The contract is let for 400 feet, which, as the distance to the vein found by means of the diamond drilling is only a little over 200 feet, will include drifting on the ledge when it is attained. At the present rate of progress early in February should see this pay shoot opened up.

THE MINING REVIEW.

The experience of the War Eagle and of the Roseland Great Western is being repeated on the Iron Mask. In this mine as in the others named, it is the experience of the operators to find that as depth is gained there are constantly come upon blind veins of varying width and values, which do not appear on the surface. This is hopeful, extremely hopeful for the camp. Therefore it is no surprise to see the chief mining company here taking advantage of the time which must elapse before the smelting accommodations are all ready to sink. On the No. 1, Josie, Le Roi, Roseland Great Western and Kootenay mines shafts are being carried down or are about to be started another couple of hundred feet. In all a thousand feet of sinking is being carried out and in each case the sinking is a three-compartment shaft with the exception of the Le Roi, where it is a five.

Two important strikes have been made during the past week. In the Le Roi No. 2 the crosscut driven from the 500-foot level of the Josie has intersected what is thought to be the ledge of the Annie at that depth. As the ledge dipping was known to be flattening somewhat the crosscut has met it a little quicker than it should have done until the flattening of the dip has been more pronounced. In the Iron Mask the crosscut is being run further to the south before a raise is made. This practically establishes the ledge as found above. Along the dip it should be some 540 feet in length and of an average width of ten feet. The length east and west is not known. The ore is of the values discovered above which went all over something between \$25 and \$30 to the ton, although there were some streaks which ran into several hundred dollars in value.

On the Iron Mask as is noted below an exceedingly fine body of ore has been discovered at the 400, 450 and 500-foot levels west which gives more than average values.

On the Nickel Plate on putting in timbers for a stope the vein was found to be closer to 30 feet than to 18 feet in width. The bond is for \$100,000. Several hundred claims have been located along the west fork of the Kettle river, but so far not much work has been done upon them, although there are a number which have excellent showings. Mr. Sonnemann says he is satisfied that this section will come rapidly to the front as soon as trains are running to the west.

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is the 400-foot level west. The vein has been opened north 30 feet from the foot wall but the hanging wall has not as yet been reached. The same body of ore has been found at the 450-foot level and also at the 500. In the former it has been crosscut and found to be 18 feet wide and in the latter the crosscut between the two walls is 20 feet in length. The ore is of exceptionally good average grade. In crosscutting for this ledge a blind vein has been found thus repeating the experience of the Le Roi, War Eagle and Nickel Plate. Just as soon as the mine is equipped with modern machinery, which will probably be installed within the next few months, the output will be dealt with in a more generous fashion, and the shipments will run into five figures for next year instead of into four as at the present.

Le Roi No. 2—The three-compartment shaft in the Josie which was being enlarged to the full width of the three compartments has been completed down to the 600-foot level. Sinking will be begun this week and will be continued down for 200 feet. There is little going on in the mine at present, it being kept back by the lack of facilities for the handling of its output. As noted above the crosscut into the Annie ground has located that valuable body of ore which adds a considerable percentage to the value of this property. Before this vein was discovered it was the statement of the general manager that the mine was capable of putting out 300 tons a day and this can now be increased. The completion on the Annie crosscut and raise will ventilate this mine very thoroughly down to the 500-foot level.

Roseland Great Western—The sinking of the shaft is still in hand and a depth of about 60 feet below the 600-foot level has been reached. On the fifth level a raise is being made on the ore body just south of the vertical shaft. While putting in timbers on the second level for the floor of a stope it was discovered that there was ore both in the hanging and in the foot walls. The surface of the work is altogether confined to the foundations for the new compressor plant. This should be well nigh finished, as far as the piers are concerned by next week. It is expected that the new plant will be ready for work by about the middle of February next.

I. X. L.—Work on the lower tunnel continues and crosscutting for the ledge has been commenced. Ore of a high grade is being stopped from the No. 1 and No. 2 levels. Returns from the last one sent to the smelter show that it was the richest carload ever sent out of this camp. Twenty-three tons went \$7,840. The management of the I. X. L. is so well pleased with the manner in which it is turning out that a bond has been secured on the adjoining property and the two mines will be operated under practically one management. The mill of the O. K. can be utilized to reduce the ores of both the O. K. and the I. X. L.

Northern Belle—The crosscut tunnel is in for a distance of 270 feet. The face of the crosscut is still in the ledge which has now been crosscut for a distance of 20 feet. The ledge carries moderate values and is a fine grained pyrrhotite in a quartz gangue. The formation is very hard and the progress of the work is therefore slow.

Evening Star—The winze has been completed to the 400-foot level and the work of opening up and drifting on the ore shoots encountered in the drift has been commenced. The showing of ore in the winze, which is 200 feet down from the level of the lower tunnel, is of a most satisfactory character.

Velvet—Work is progressing along the usual lines at the Velvet. The larger part of the 18-drill compressor plant has arrived from London and is at the Sheep Creek station. It will be hauled into the Velvet over the newly constructed road just as soon as a fresh fall of snow puts it in good condition.

Centre Star—This mine is still shipping steadily both from the stopes on the second level and from the stock pile on the surface. On the various levels development is in progress as is also the sinking of the shaft. On the surface the yard is still in hand and the machine and carpenter shops are being finished.

New St. Elmo—The north drift is in for 54 feet, and the ledge is about four feet wide, carrying fair values. There is considerable copper in this ore and some gold and silver. The south drift is in for a distance of 330 feet.

War Eagle—Work is still in abeyance on this mine as far as the output is concerned, owing to the building of the tramway. The shaft is being prosecuted as is the development of the eighth level and portions of the seventh.

Douglas-Hunter—Work on the lower tunnel continues, and the ore shoot on the vein, which was recently encountered, is still being drifted on and is proving more extensive than was at first supposed.

Kootenay Mines—The shaft is below the 1,000-foot level about 30 feet. Work is going on in the No. 6 and No. 5 levels. The crosscut to the Top Tip vein is also being prosecuted.

Roseland Bonanza—No special reports have reached the city from this mine this week. The tunnel, on the last reports, was in some 65 feet and should be now advanced five or six more.

Homestake—Work is progressing steadily and favorably in the tunnel from the Gopher, the same rate of about 30 to 35 feet a week is being maintained.

Spitzee—Shipments continue to be made and the ledge in the bottom of the shaft continues strong, while the ore is of a good grade.

Portland—Work on the shaft and tunnel continues.

Yesterday was pay day in the camp and a sum which may be valued at \$170,000 was paid out by the various mine managers. This may be apportioned as follows:

B. A. C. properties.....\$100,000
War Eagle and Centre Star.....35,000
Velvet and Portland.....8,000
Iron Mask.....5,000
I. X. L.....5,000
Evening Star.....4,000
St. Elmo.....2,000
Homestake.....2,000
Giant.....1,000
Spitzee.....1,000
Other mines.....8,000
Total.....\$170,000

IN AN AVALANCHE.

Four Men Swept 150 Feet Down the Side of a Mountain.

Mr. J. Fred Ritchie has just returned from a trip through the Slooan and the section around Ymir. He was with J. B. Richard, a Belgian engineer, and the object was to examine the Mansfield properties location on the headwaters of the south fork of Kaelo creek, owned by French and English capitalists. Mr. Richard was sent from Paris to look over the ground for the owners, and it will depend entirely on his report whether any more money will be expended on the properties. Mr. Richard was very favorably impressed, not only with the property, but with the surrounding country, and his report to his principals will doubtless be favorable. He left for Paris and intends returning next summer. Mr. Richard is largely interested in South Africa and in Colorado.

While at the Mansfield properties four of the party, including Mr. Ritchie, Mr. Richards, J. P. Miller and Charles Plum, were carried 150 feet in a snow slide. The avalanche came down the side of the steep mountain to a point 200 feet above the trail. It came so quickly and so silently that the first realization of it was when they were being carried down the mountain side at incredible rapidity for a distance of 150 feet. Two of the party, Messrs. Miller and Plum, were imbedded in the snow. Miller was buried five feet and all that could be seen of Plum was the top of one of his hands. Fortunately Messrs. Ritchie and Richards were not buried and were able to quickly extricate themselves and they hurried to the assistance of their less fortunate companions. The snow was first taken away from Miller's head so that he could breathe, but he was black in the face when this was done and would have perished had there been a moment's more delay. Both of Miller's ears were frozen, while Plum was not injured in the least by his rough experience. The snow was packed so tightly around the train that it took fully an hour before they were finally extricated from their perilous position.

Accompanied by Mr. J. A. Turner of Nelson, Mr. Richards afterwards visited the Ymir mine, near Ymir, and was favorably impressed with what he saw there.

Mr. W. H. Jeffery, M. E., and Mr. Ritchie reported on the Mansfield property about two months since and their favorable report is now to be confirmed by Mr. Richards' report.

Visited the Centre Star.

Mr. Charles Schmidt of the California brewery of Butte, is in the city. Mr. Schmidt is largely interested in mines, both in Roseland and in Butte, and he came here for the purpose of looking after some of his holdings. Yesterday he visited the working of the Centre Star, and afterwards said he was simply amazed at the wonderful showing of ore in that mine.

Claims Bonded.

Messrs. Moore and Smith have bonded to an English syndicate two claims in the Goat River section for \$84,000. The consideration is to be paid partly in cash and partly in stock. The ore assays \$64 to the ton, and the ledge, which can be traced through both claims, is about 25 feet wide. These claims adjoin the famous Harris group, which has been bonded to a syndicate made up of San Francisco and New York capitalists. Mike Shick of this city assisted considerably in putting the deal through.

Operates in Nelson.

Mr. A. L. Thurston of Nelson is in the city. He operates extensively in mines, and sold the Chapleau group to the French syndicate which now owns it, and he also sold the Joker and other properties to Mr. Ernest Marshfield.

You Can't Be Attractive.

An Offensive Breath and Disgusting Discharges, Due to Catarrh, Bright Millions of Lives Yearly—Dr. Agnew's Catarrhal Powder Relieves in 10 Minutes.

Eminent nose and throat specialists in daily practice highly recommend Dr. Agnew's Catarrhal Powder as safe, sure, permanent, painless and harmless, in all cases of Cold in the Head, Catarrhs, Headache and Catarrh. It gives relief in 10 minutes and banishes the disease like magic—12 Sold by Goodeve Bros.

NOTICE.

The Columbia and Western Railway Company will apply to the Parliament of Canada at its next session for an act extending its railway and branch lines west of its railway and branch lines west of Midway to the powers already given in respect to its lines constructed east of that point, extending the time within which it may complete its railway, and authorizing it to construct such branches from any of its lines not exceeding in any one case thirty miles in length, as are from time to time authorized by the Governor in Council, and for other purposes.

NOTICE.

The Columbia and Kootenay Railway and Navigation Company will apply to the Parliament of Canada at its next session for an act extending the time within which it may construct its railways and works, also authorizing the company to own and operate steam and other vessels for the carriage of freight and passengers on any route connected with any of its railways, and appointing Montreal as the place for its head office, with power to the directors from time to time to change it by by-law, and for other purposes.

NOTICE.

Cruiser mineral claim, situate in the Trail Creek Mining Division of West Kootenay district. Where located: About four miles southwest of Roseland, to the west of Little Sheep creek, south of Silica.

Take notice that I, F. W. Rolt, free miner's certificate No. B 41071, acting as agent for the owners, viz., J. W. Thornton, F. M. C. B. 45075; D. F. Johnston, F. M. C. B. 41073, and M. A. Graves, F. M. C. B. 31187, intend sixty days from the date hereof, to apply to the mining recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claims.

And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.

Dated this thirteenth day of December, A. D. 1900.

12-13-10. F. A. WILKIN.

CERTIFICATE OF IMPROVEMENTS.

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Dated this fourteenth day of November, A. D. 1900.

12-14-00. F. W. ROLT.

CERTIFICATE OF IMPROVEMENTS.

Notice.
Velvet Fraction No. 1 mineral claim, situate in the Trail Creek mining division of West Kootenay district.

Where located: On the west slope of Sophie mountain.

Take notice that I, Kenneth L. Burnet (agent for the Velvet (Roseland) Mine, Limited, F. M. C. No. B 45360), free miner's certificate No. B 31,110, intend, sixty days from the date hereof, to apply to the mining recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claim.

And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.

Dated this twenty-fourth day of October, A.D., 1900.

12-25-11. KENNETH L. BURNET.

CERTIFICATE OF IMPROVEMENTS.

Notice.
Bluebell mineral claim, situate in the Trail Creek mining division of West Kootenay district.

Where located: On the west slope of Sophie mountain.

Take notice that I, Kenneth L. Burnet (agent for the New Goldfields of British Columbia, Limited, F. M. C. No. B 349,174), free miner's certificate No. B 31,110, intend sixty days from the date hereof, to apply to the mining recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claim.

And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.

Dated this twenty-fourth day of October, A.D., 1900.

12-25-11. KENNETH L. BURNET.

CERTIFICATE OF IMPROVEMENTS.

Notice.
Leinster Light mineral claim, situate in the Trail Creek mining division of West Kootenay district. Where located: Near the city of Roseland, adjoining the Montreal mineral claim.

Take notice that I, Samuel L. Long acting as agent for Joseph B. McArthur, S. (Gimour, free miner's certificate, B39687; Patrick Burns, free miner's certificate, B38335, and Samuel L. Long, free miner's certificate No. B31476, intend, sixty days from the date hereof, to apply to the Mining Recorder for a Certificate of Improvements, for the purpose of obtaining a Crown Grant of the above claim.

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

Dated this thirteenth day of December, A. D. 1900.

12-13-10. SAMUEL L. LONG, P. L. S.

CERTIFICATE OF IMPROVEMENTS.

Notice.
Gorilla mineral claim, situate in the Trail Creek Mining Division of West Kootenay district. Where located: On Lookout mountain, adjoining the Iron Mask mineral claim.

Take notice that I, N. F. Townsend, acting as agent for Herman L. A. Keller, F. M. C. No. B 36377, Albert L. A. Keller, F. M. C. No. B 36378 and Frederick S. Algiers, F. M. C. No. B 29084, intend, sixty days from the date hereof, to apply to the mining recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claim.

And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.

Dated this 8th day of December, A. D. 1900.

12-13-10. N. F. TOWNSEND.

CERTIFICATE OF IMPROVEMENTS.

Notice.
Homestake, Park, Skylark, Gray (Copper, Falls View and Victoria, mineral claims, situate in the Goat River Mining Division of West Kootenay district. Where located: On the forks of Priest River about twenty miles west of Rykerts.

Take notice that I, F. A. Wilkin, acting as agent for the British Columbia (Roseland and Slooan) Syndicate, Limited, free miner's certificate No. B 41161, intend, sixty days from the date hereof, to apply to the mining recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claims.

And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.

Dated this 13th day of December, A. D. 1900.

12-13-10. F. A. WILKIN.

CERTIFICATE OF IMPROVEMENT.

Notice.
Violet, Grey Eagle, Good Hope and North Star mineral claims, situate in the Trail Creek Mining Division of West Kootenay district.

Where located: On the northeast slope of Columbia mountain.

Take notice that I, F. A. Wilkin, acting as agent for the British Columbia (Roseland & Slooan) Syndicate, Limited, free miner's certificate No. B 41161, intend, 60 days from the date hereof, to apply to the mining recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claim.

And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.

Dated this 18th day of October, A.D., 1900.

12-18-10. F. A. WILKIN.

NOTICE TO DELINQUENT OWNERS.

To George H. Godfrey, or to any person or persons to whom he may have transferred his interest in the Townsme mineral claim, situate near Roseland in the Trail Creek Mining Division of West Kootenay District in the Province of British Columbia.

You are hereby notified that I have expended three hundred dollars (\$300) in labor and improvements upon the above mentioned mineral claim in order to hold said mineral claim under the provisions of the "Statute Act" and amending acts, and if within ninety (90) days from the date of this notice you fail or refuse to contribute your portion of such expenditure, together with all costs of advertising, your interest in the said mineral claim will become the property of the undersigned, under section 4 of the mineral act, amended act, 1900.

Dated at Roseland