

MINES AND MINING

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

WINNIPEG REORGANIZED.

Additional Plant Purchased—The Development Work, Etc.

At the meeting of the Winnipeg Mining & Smelting company, held at the mine on Saturday last, the resolution passed at the meeting held on Nov. 16 was ratified and confirmed. This resolution provides that the company shall be reorganized, and that the stock shall be assessable to the extent of 5 cents per share. One cent of this shall be levied on the first call. The assessment will be called on as soon as the new company, called the Winnipeg Mines, Limited, has completed its incorporation.

The necessary papers have been forwarded to Victoria, and the return is about due. The intention of the company is to push the work on the Winnipeg from now on vigorously. A 30-horse power boiler, a 16-horse power hoist, and a 100-gallon minute pump have been purchased at a cost of \$2,000, and will be immediately installed. This in addition to the present plant will be ample for the Winnipeg for some time to come.

The intention is to develop the rich find on the 300-foot level on the second vein in the north drift, and a shoot in the east drift. This drift is 210 feet in length, and for 140 feet of this distance is in shipping ore. This body will be sunk on. The intention, too, is to develop some surface flux which has recently been made.

HIGH-GRADE ORE.

Some That Is Very Rich Extracted From the Slocan Star.

Mr. Oscar White, manager of the Slocan Star, has been in the city for several days, and early in the week he purchased from the Jencks Machine company a 150-gallon minute pump. The water was coming into the workings of the Slocan Star at a rapid rate and the pump was needed there just as soon as it could be forwarded. Though it weighed 120 pounds, he ordered sent by express so that it would reach the mine at the earliest possible moment. It cost quite a sum to prepay the express charges, but this cut but little figure, as the company could better afford to pay the express charges than to have the workings fill up. Mr. White reports that the Slocan Star mine never looked better than at present. A shaft is being sunk. In sinking 11 feet of this shaft 14 carloads of ore were taken out that netted \$1,800 to the mine. During the past few days in going eight feet in the shaft five cars of ore which is as rich as any hitherto extracted, was sent to the smelter. The returns from latter carloads have not yet been received. Mr. Byron White is the chief owner of the Slocan Star.

SPITZEE IS LOOKING WELL.

Shaft Is Down 40 Feet—All the Ore Is of Shipping Grade.

Mr. Alexander Sharp, consulting engineer for the Spitzee, examined that property yesterday, and reports that the shaft to a depth of 40 feet. The vein in the bottom of the shaft is 2 feet in width, and carries ore of a shipping grade. The full width of the vein is not yet known, and the values on the hanging wall are just as good as anywhere, in fact all of the vein that is being gone through is being sent to the smelter. On car has been sent to the smelter this week, and another will be shipped today. Mr. Sharp left last night for the first Thurgut mine, near Bossburg, or which he is the manager for P. Burns and others, who are operating it.

Intend to Let a Contract.

It is the fact that the ledges in the White Bear have been located by the diamond drill has encouraged the management of the Big Four to renewed efforts. A contract is to be let for 200 feet of work. The property of the Big Four consists of 52 acres located to the west of the White Bear, the San Francisco and the Marposa mineral claims intervening. It is claimed that the main ledge, located in the White Bear, runs through the San Francisco and the Marposa and the Big Four.

DOMINION COPPER CO.

A Fourth Smelter to Be Built in the Boundary Country.

Last week mention was made of the fact that work was likely to be resumed on the Dominion Copper company's properties in Phoenix camp at an early date. Information recently received confirms the report, and a fourth smelter is now to be built in the Boundary country. The exact location for the new smelter is as yet not decided upon, but it is most likely that Midway will be the point, for already it is the intention of the company to treat silicious ores of Republic camp, mixed with the gold copper ores of its mines. The Dominion Copper company has its head office in Toronto. It is capitalized in the sum of \$5,000,000 in 5,000,000 shares of the par value of \$1 a share. Of this number at the time of the incorporation of the concern two million were set aside for the development of the mines, and one million shares for the construction of a smelter. Of the treasury shares it is understood that only 100,000 have been disposed of, and these were sold at 60 cents per share. Of the two million shares or open stock, which is held in the hands of a few, the directors and heaviest holders have agreed to pool the same until July 1, 1901. The principal owners are senator George A. Cox of Toronto, Hugh Rutherford of Winnipeg, Messrs. McKenzie & Mann of Toronto, Mayor George Rumberger of Phoenix, E. J. Roberts of Spokane, and W. T. Smith of Greenwood. When work is resumed, some time during this month, James Breen will be in charge and J. L. Parker, a well known mining engineer of Rossland, is to be made mining superintendent.

The holdings of the Dominion Copper company consist of the Brooklyn, Stenwinder, Idaho, Montezuma, Standard and Rawhide, situated in the heart of Phoenix camp, on the north side of the gulch that traverses the incorporated limits of the city of Phoenix. A large amount of development has been done, the deepest workings being 300 feet below the surface. According to the last report made by Frank Robbins, M.E., at the time when he was in charge of the development of the mines, the average of a number of assays of the ore gave \$11.70 a ton allowing 13 cents a pound for the copper content, which run from 3.5 to 4 per cent. The Brooklyn and Idaho are upon the same lode, and the Stenwinder is upon another, while the Rawhide is upon a third. On the surface the Brooklyn lode has been crossed, at a width of fully 100 feet. On the lode for the same vein measures 150 feet in width. The Stenwinder has a mineralized capping that can be traced for a width of 250 feet. There are several faults and dislocations. The two big lodes are parallel to the side lines of the group are not over 200 feet apart. The Rawhide is almost a mile distant from the other two. It is a vein 100 feet wide. Mr. Robbins has a report said of these mines as showing "Never have I seen greater showings than those of Phoenix, and none of these—I make no exception—is better than any of the three lodes I have described. It is further my opinion that with more development, pay shoots and deposits of great profit will be uncovered in all of these lodes.

The development work in brief is as follows: On the Brooklyn a double compartment shaft was sunk to a depth of 275 feet, and is all in ore except for a 25-foot horse 60 feet from the surface. At the 150-foot level a crosscut has been driven 100 feet, with drifting from this crosscut totaling 275 feet. On the next level down 250 feet there is a crosscut totaling 250 feet. On the crosscut 250 feet and 125 feet of drifting. The drifts are largely in pay ore.

There are a number of prospecting shafts on the Stenwinder besides the main incline shaft, down 200 feet. At a depth of 110 feet a crosscut was driven a little over 100 feet with 80 feet of drifts. The Rawhide development consists of a 400-foot tunnel driven towards the ledge, but work was suspended before it reached its objective. Another 75 to 100 feet will be required to encounter the vein.

On the Idaho a shaft has been started, and is down 40 feet. The other claims have but little prospecting work done on them.

E. R. Wood, of Toronto, secretary of the Dominion Copper Company, J. E. Boss, who managed the mines at the time they were under bonds to McKenzie & Mann, and W. T. Smith, a heavy shareholder, have visited the properties. Mr. Wood has returned to Toronto and Mr. Boss to Rossland. When Mr. James Breen and J. L. Parker, of Rossland, arrive, plans will be laid out for the resumption of development work. It is more than likely that orders for additional machinery which will be absolutely necessary to supplement that already at the mines, will be given on their arrival. At the time of the closing down the mines employed in the neighborhood of 50 men.—Midway Advance.

The Lardeau Country.

Mr. A. B. Clabon has just returned from the Lardeau country, whither he went last week. He reports that there is considerable activity and that deals are being frequently reported. The Nettie L., the Tribune and one or two others are shipping. A good deal of development work is in progress and much of this is in anticipation of the railway which is to be built in there next week. The C. P. R. railway survey party which has been surveying in that district has returned to Trail. The outlook in that section for the coming season is very good indeed.

Le Roi Headworks.

Great progress is being made with the Le Roi headworks. The main part of the machinery are already in position, and the smaller portions alone remain for assembly. The foundations for one of the half dozen electric motors which are to be used for the mine's machinery in connection with the crushers, sorting belts, sampling mill, etc., is now ready, and the others will be proceeded with immediately.

IMPORTANT FIND.

A Fifty-Foot Shoot Encountered in the Douglas.

Mr. Ben W. Fimmel has just returned from an extended trip to Sophie mountain, where he has been doing the assessment work on claims owned by Mr. E. Baillie and Judge William Newton. Mr. Fimmel reports that an important shoot of ore was recently uncovered in the drift tunnel of the Douglas, which is being operated by the Douglas-Hunter Mining company. The mine has been developed by three tunnels. In the upper tunnel a shoot of gold copper ore, carrying considerable gold and silver, was encountered. In the middle tunnel this gold copper shoot was not met. In the lower tunnel, which is now in for a distance of 580 feet, it was encountered when it had been driven for a distance of 510 feet. For the past fifty feet the drift has been in the rich ore shoot. At the break of the drift a crosscut was made and the ledge was found to be 23 feet, and of this nine feet was clean solid ore of a shipping grade, while the remaining 14 feet consists of concentrating ore of a good grade. Mr. Fimmel says the management is greatly pleased with the find, and says that it is the most important that has been made in the mine.

Mr. A. F. Bulmer left yesterday for Stainer, Ont.

THE MINING REVIEW.

While there is little of moment this week in the purely development part of the work in the camp, during the past week the completion of the scheme of shipping on an increased basis, together with the railway facilities involved in developing some interesting features. It is understood that the chief want of the camp is the smelter end. The proposed increase in the smelter facilities is a question that is for the time being in a chaotic state. The only advance recently made is an application heard before Judge Walkem that the city should not be made party to a suit over a recent grant of water rights given in Nelson to the British Columbia Southern railway. This was discussed and the case will now come up for hearing with the city as a party in the suit instituted by the mining companies concerned against the validity of this grant some time next week. In the interim the Le Roi reduction works are completing the additional facilities which are to be provided for the treatment of larger quantities of ore, but for the more perfect refinement of the matte.

Some discussion has recently arisen in Great Britain regarding the reason why the Le Roi mine was shipping less ore to the reduction works at Northport than the capacity of the smelter there could entertain. The balance has been taken from the Le Roi No. 2. This is purely a matter of fact. It may be said that for the purpose of proper fluxes the Northport smelter is going as far as Colorado. With regard to the shipments from the Le Roi No. 2 those for the last week in November showed gold values at \$15.95, silver at \$2.16 and copper, 4 per cent, at \$12.05. As the percentage of copper, at 200 feet apart, the Rawhide is almost a mile distant from the other two. It is a vein 100 feet wide. Mr. Robbins has a report said of these mines as showing "Never have I seen greater showings than those of Phoenix, and none of these—I make no exception—is better than any of the three lodes I have described. It is further my opinion that with more development, pay shoots and deposits of great profit will be uncovered in all of these lodes.

The additional railway facilities are taking the form of more yard accommodation west of the baseball grounds and immediately adjoining it. A fill will be made at this point from the Le Roi No. 2. This is for the purpose that the No. 2 bins have been depleted of their stored ore. The railway will probably begin work this week. The main track will be the southermost, thus straightening out the bend in the line just beyond the Black Bear. Three yard tracks will be laid inside this, and between the outermost track and the main line will be a new gravity tramway. This will give greater loading facilities to the Le Roi and to its subsidiary mine. The C.P.R. it is understood, are in conjunction with the Great Northern in this improvement, and the present track being graded along the side of the Le Roi hill will come into this yard toward its western end. It is expected that this new line will have been completed about the same time as new machinery is installed at the Northport smelter, and the finish of the work on the headworks of the Le Roi, which is itself an integral part of the scheme of shipping economically.

The finding of the ledge on the White Bear by means of diamond drills is an important event, as it shows that the Black Bear ledge extends to a new section and perhaps to the westward beyond the confines of the White Bear.

The Output.

The output for the past week includes 36 shippers, and the aggregate total, 6,634 tons, is well up to the average. The shipping from the Le Roi No. 2 is in excess of the usual amount. This resulted from a clearance made of the bins upon the gravity tramway belonging to this mine in order that it might be used for the carriage of ore. The Le Roi is below its usual mark, which could only be expected, seeing that so large a shipment went from the No. 2. The War Eagle has shipped a little more ore, but this is only on the lines of the few shipments made during the past few weeks, ore being encountered on the newer development work.

Appendix is a list of the shipments for the past week and the year to date:

	Week.	Year.
Le Roi.....	3,690	154,488
Centre Star.....	2,152	36,070
War Eagle.....	100	10,922
Le Roi No. 2.....	520	2,891
Iron Mask.....	90	2,458
L.X.L.....	22	323
Evening Star.....	22	541
Monte Christo.....	273	351
Spitzee.....	80	89
Iron Colt.....	80	80
Total.....	6,634	208,745

Grant.—The road leading from the Grant to the railway is soft, and hence only one carload was sent during the past week. Stopping continues from the open cut. The ore is showing a good increase in value and the smelter returns are larger than those obtained nearer the surface. The last returns received from Trail for a carload netted over \$17 to the ton, after paying the freight and treatment charges. New St. Elmo.—The north drift is in 60 feet, and the ledge is about five feet in width. The south drift is in for a distance of 325 feet. Eighty-six feet of drifting and crosscutting was done during the month of November. This was done in one shift and with one machine and is the record for that mine if not for the camp. Had three shifts been working, as there are two working faces and therefore no time would have been lost through waiting for the powder smoke to clear away or for muckers, the distance run would have been 256 feet. In each working face there is a machine, bars, full set of wrenches, bars, and a full set of tools, but only one machine is run at a time. The cost per foot, including air, superintendence and everything is about \$14. The air power is costly for the reason that only one machine is run with it.

Le Roi.—The energies of the management are almost wholly concentrated upon the completion of the headworks. During the past week the direct hoist has been assembled as far as the heavier portions of the machinery are concerned. The sorting belts are now complete and the installation of the motors which will work these is now in hand. The machinery of the sampling mill has still to be finished.

The carpenters are also at work fitting up the commodious bathroom next to the engine house on the upper level for the use of the miners coming off shift. Below the work is proceeding along the usual lines, there being nothing of any moment or any new departure to record.

Kootenay Mines.—The shaft is now down 420 feet from the level of No. 6 tunnel, which is itself some 600 feet below the surface on the surface. There was a little trouble with the engines on restarting work which has been successfully overcome. The crosscut to the north is also in hand. This is from the No. 6 tunnel at a point about 1,200 feet from the portal. In other parts of this mine there is both development and exploration work in progress. The extent of the work on this mine is prodigious, the best being well over two miles of drifting, crosscutting, sinking and raising.

War Eagle.—The general manager, Mr. Kirby, who is daily expected, has not as yet arrived. Nothing has been done with the lead works of the gravity tramway. A small ore shipment was made during the past week, which was encountered in the progress of development on the lower levels. The work going on in the mine is the prosecution of the shaft towards the ninth level, which will be made at a point about 55 feet below the present bottom of the sinking, which is now about 1,195 feet from the surface. Also there is some development work in progress on the seventh and eighth levels.

Velvet.—Work continues along the usual lines. The shaft is being straightened and drifting along the ledge on the lower levels continues. The road has become so soft under the influence of the recent thaw that Mr. Fred A. Lindberg, in taken off his teams which were hauling supplies to the mine until such time as there is more snow and the frosts has hardened it. Just as soon as this condition of affairs prevails the intention is to begin the hauling of ore to the railway.

Evening Star.—The winze last evening had reached a depth of 296 feet. It has been decided by the management to start in earnest during the present week, and to develop the ore bodies cut by the winze. There is a fine showing of ore in the bottom of the winze. The ore has been continuous from the top to the bottom of the winze, except where a dike intervened. The ore is of a pay grade, and the management is fully satisfied that the Evening Star will make a mine.

Le Roi No. 2.—The sinking of a shaft upon the Josie has not as yet been started. The No. 2 shaft is being put in which is about the last preparatory work to be accomplished. The other development work of the mine is going on under the lines already laid down, and there will be little alteration in this until such time as the increase of smelter accommodation will admit of work on a larger scale.

Rossland Great Western.—The shaft is now down some 645 feet and is still being continued daily. The raise on the fifth level in the body of ore near the shaft is still in progress as are also the other development works noted last week. On the surface the new compressor building is much as it was last week. The piers for the foundation are about framed and several carloads of cement were delivered last night for use upon this work.

Homestake.—The force of men driving the tunnel from the Gopher ground in under the Homestake shaft is at work. About 35 feet additional driving was completed the past week. It will, however, be a matter of ten or eleven weeks at this rate of progress before the point under the shaft aimed at will be gained.

Centre Star.—The completion of the shops on the surface is still in hand. The big reserve ore pile is about half shipped but will not be cleared up at the present rate much before the end of January. The shaft is still being sunk. Development work is in progress at the three lower levels, the stope still being done upon the second.

Big Four.—A contract has been let for 60 feet in the lower tunnel and arrangements are under way to let another contract for 150 feet more of work. The management intends, if arrangements can be made for power, to use the diamond drill in order to prospect the property for a distance of 400 feet.

Rossland Bonanza.—Work on the drift tunnel is making good progress and is now in for a distance of 81 feet. Mr. F. A. Wilkin left the city during the past week for the purpose of going to St. Thomas mountain to survey the Our Hope claim, which was recently purchased by the Rossland Bonanza company.

Douglas-Hunter.—The work on the lower tunnel continues. Recently a crosscut was made from the end of the lower tunnel and the ledge was found to be 23 feet wide. Of this nine feet was solid copper-gold silver ore, and 14 feet of concentrating ore of the same kind.

North Belle.—The crosscut tunnel is in for a distance of 270 feet. The face is still in the ledge which is being crosscut. The ore consists of a fine grained pyrrhotite in a quartz gangue. The present contract is for 225 feet, of which 55 feet has been completed.

Iron Mask.—The mine is shipping in small quantities steadily. The principal work in the mine at the present is the connection between the ore bodies in the east and west of the mine.

Spitzee.—Work continues on the shaft and the showing of ore is growing stronger.

LARGE OUTPUT OF ORE.

Kootenay and Yale Produced 57,500 Tons in November.

amounted to a couple of carloads a day. Then it was that the bulk of the freight came in by way of the Red Mountain railway from Spokane. The business of the Red Mountain railway has increased with each year, but that of the Canadian Pacific has shown a still greater increase.

ALL READY TO SHIP.

London Con. and Richelieu Have Completed Their Arrangements.

Mr. A. C. Galt, barrister, returned yesterday from a visit to the mines of the London Consolidated and Richelieu mining companies. He reports that the properties of these companies are very well thought of. The wagon road from Crawford Bay to within two miles of the two claims is completed, but on the lower portion of the wagon road there is not enough snow for good sleighing and there fore no ore has yet been shipped. The ore is hauled down the mountain, a distance of two miles and from there will be hauled in sleighs to Crawford Bay, a distance of nine miles. There is plenty of ore ready for shipment. A wharf, 4025 feet, has just been completed at Crawford Bay, from which the ore will be shipped.

Crown Silver Ledge Found.

News reached here yesterday from Greenwood to the effect that the ledge had been found in the Crown Silver. The find was made in the shaft which has now reached a depth of about 200 feet. The Crown Silver is close to the Mother Lode in the Deadwood camp and is supposed to have the same lead.

The Northport Smelter.

The reduction works at Northport are now well nigh complete, there being only some machinery to wait for and assembly which should be at hand very shortly. Mr. D. Forthingham, the chief accountant, has left on a well-earned vacation, his place being temporarily filled by Assistant Manager Thompson, of the British America Corporation.

THE LARDEAU.

Working Under Difficulties—Snowfalls On the Black Bear and on Wide West.

One of the late employees of the Black Bear mine arrived lately from Fish Creek reports that three successive snowfalls on the mountain to the north of Comaplex on Bear creek has caused the management to shut down the mine for the time being, at all events until such time as the snow is in a less dangerous condition.

On the mine above on the same creek and situated still further up the mountain side—the Wide West—a force of men are still working, despite a recent snowfall. This avalanche, coming down the side hill, came in such a direction as to block the mouth of the adit in which the shaft was working. Before the buried miners could extricate themselves they had to dig through twenty feet of packed snow at the portal of the tunnel.

Mr. S. Thornton Langley has returned from a visit to the Similkameen country.

Mr. Percy Godenrath, press correspondent.

STOP THAT HEAD COLD IN 10 MINUTES

Or it will develop into Chronic Catarrh. Dr. Agnew's Catarrhal Powder stops cold in the head in 10 minutes, and relieves most acute and deep seated Catarrh after one application. Cures quickly and permanently. I have used Dr. Agnew's Catarrhal Powder with best results. It is a great remedy, and I never cease recommending it.—John E. Dell, Paulding, O. 9. Sold by Goodeve Bros.

NOTICE.

Rossland, B.C., Nov. 9, 1900. To F. B. Salisbury: Notice is hereby given that I, Wm. Griffiths, intend to claim the one-fourth (1/4) interest in the "Olive" mineral claim situated on the west side of Sullivan creek, in the Trail Creek mining district, formerly held by F. B. Salisbury, on which I have done all the assessment work for the past three years, and for which the said F. B. Salisbury has not paid his share of the expense. This also applies to a certain bill of sale of said interest given to other parties. This notice is taken under Section 4, of Chap. 45, of the Statutes of 1899 and amendments of 1900.

NOTICE

Notice is hereby given that application will be made to the Legislature of the Province of British Columbia at its next session for an act declaring that under and by virtue of three certain grants of water rights dated the 23rd day of December, 1897, signed by W. J. Gospel, acting gold commissioner, in favor of F. Aug. Heinze; and another grant of water rights dated the 30th day of March, 1898, signed by O. G. Dennis, gold commissioner, in favor of the British Columbia Smelting & Refining company, all of which were subsequently assigned by the said F. Aug. Heinze and the said British Columbia Smelting & Refining company to Messrs. Richard B. Angus and Thomas G. Shaughnessy, and by them assigned to the British Columbia Southern Railway company; the said British Columbia Southern Railway company is entitled to have, hold, exercise and enjoy all and singular the rights, powers and privileges which the said British Columbia Southern Railway company would be entitled to if the said British Columbia Southern Railway company had been incorporated as a 'Power company' under part 4 of the Water Classes Consolidation Act, 1897, and had obtained under the said part 4 of the said act records of said water.

Dated at Vancouver this 3rd day of November, 1900.

DAVIS, MARSHALL & MACNEILL.

Solicitors for the Applicants

CERTIFICATE OF IMPROVEMENTS.

Notice.

Cruiser mineral claim, situate in the Trail Creek mining division of West Kootenay district. Where located: About four miles southwest of Rossland, at the west of Little Sheep creek, south of Sillia.

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 claim.

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

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

F. W. ROLT.

CERTIFICATE OF IMPROVEMENTS.

Notice.

Caroline mineral claim, situate in the Grand Forks mining division of Yale district.

Where located: Near the head of McGrae creek in the Christina Lake section.

Take notice that I, K. L. Burnet, F. M. C. B 31110, acting as agent for Ed Hamlin, F. M. C. B 31055, Fred Lange, F. M. C. B 31055, and G. A. Paulson, F. M. C. B 41081, 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 1st day of November, 1900. 11-8-10

K. L. BURNET.

CERTIFICATE OF IMPROVEMENT.

Notice.

"Golden Fern" Fraction mineral claim, situate in the Trail Creek mining division of West Kootenay district.

Where located: On the west slope of the "Palo Alto" and the "Jo Jo" mineral claims.

Take notice, that I, Wm. B. Townsend, F. M. C. No. B 30638, agent for W. Doud, F. M. C. No. B 41234, 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 improvement.

Dated this 27th day of September, A. D., 1900, at Rossland, B. C.

WM. B. TOWNSEND.

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 (Rossland) Mine, Limited, F. M. C. No. B 45,340), free miner's certificate No. B 31110, 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.

10-26-11t 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 49,174), free miners' certificate No. B 31110, 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.

10-25-11t KENNETH L. BURNET.

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 (Rossland & Slocan) Syndicate, Limited, free miner's certificate No. B 41,161, 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.

10-18-10t F. A. WILKIN.

MINE TIMBERING.