

THE MINING REVIEW

The Year's Work in Some of the Principal Mines.

A SPLENDID OUTLOOK FOR 1900

First Week's Shipments Average Over 745 Tons Per Day, or Over 5,200 Tons Per Week—What Some of the Mines Will Do This Year—Facts and Figures.

Want of space in this issue prevents as an extended review of the work accomplished in the camp's mines during the past year as was originally intended. The figures for the output for the year have already been gone into in detail and the outlook for the next 12 months has also been detailed at length. The year opens with a very large number of working properties—over 30—and the result of the development attained last year will be eagerly looked for during the opening months of 1900. The year starts fair with an average weekly output of over 5,000 tons and all the indications point to a distinct advancement in the list of shipping mines, the output generally and the return given in the way of dividends. The outlook for the Rossland camp generally was never brighter, better or based on more substantial grounds than it is at the present moment.

The Shipments.

The ore shipments for the first six days of the year ending last evening, total 4,475.5 tons, making a daily average of over 745 tons, and a weekly average of well over 5,000 tons.

In future the Le Roi, War Eagle, Centre Star and Iron Mask cars will be estimated at 31.5 tons, the Monte Christo at 22.5 and the I. X. L. at 25. These figures are based on some of the corrected returns for last year, as shown by the actual smelter weights, and are as nearly correct as it is possible to get them at the close of each week.

The estimated returns for 1899, as already published in these columns amount to 183,058 tons, as against 116,000 tons for 1898.

The Ore Output.

Appended is a detailed statement (approximately) of the camp's output for the first six days of the present year, ending last evening.

Table with 2 columns: Mine Name, Tons. Includes Le Roi (1,806.5), War Eagle (1,440), Centre Star (1,008), Iron Mask (252), Monte Christo (135), I. X. L. (25), Total tons (4,475.5).

Appended will be found a partial review of some of the principal properties.

Le Roi.—During the past year the Le Roi mine was closed down for the whole of one month—February. For the remaining 11 months the estimated output was 94,337, a monthly average of 9,485 tons, giving an estimated average return of about 130,000, or close on a million and a half for the 11 months. The company paid one dividend of \$250,000 in the month of November last. The original shaft, now down 900 feet, lies at the eastern end of the mine and as the workings have steadily progressed westward it has recently been determined to make the electrical, or Black Bear shaft, the main outlet for the mine. It will be remembered that in the autumn Mr. Carlyle made a definite announcement of the company's plans and these were given in detail at the time. Since then, however, many changes have taken place and the plan above mentioned has now been settled on. The new shaft on the Black Bear ground will be made by "raising" from the Black Bear tunnel to the surface, a distance of 250 feet, after which sinking will be continued on down indefinitely. The new shaft and hoist will have a much greater capacity than the original one. It will be practically a five-compartment shaft; two compartments will be used exclusively for hoisting ore in balanced five-ton skips. In two of the other compartments all the timber used in the mine will go in and the waste will be hoisted out this way. The remaining or fifth compartment will contain the mine pipes, electric wires and the ladderway. The whole dimensions of the new shaft inside the timbers will be about 22x6 feet. The five-ton skips used for hoisting ore will be able to run at the rate of 2,000 feet per minute and the skips used for lowering timbers and sinking will run at the rate of 700 feet per minute. All the underground works will be connected with the new shaft. The shaft is now down 700 feet. The Black Bear tunnel is about 450 feet below the level of the original shaft's head. Sinking will be carried on indefinitely on the new shaft and from its capacity it will be seen that once started and in working order, the work will progress very rapidly. Grading for the new hoist and a new boiler house is now in progress. The company will use steam power exclusively. The aggregate boiler capacity being 1,100-horse power. The mine for purchase money and for development work up to the end of the year represents capital invested to the tune of \$3,950,302. There are 396 miners on the roll and the monthly pay roll for the mine proper exceeds \$30,000; the one last quoted being \$33,155. Mr. Carlyle's successor, Mr. Bernard McDonald, practically commences his term of office with the New Year, and the general mining public will watch his progress on this valuable property with very keen interest.

Gertrude.—Following is a summary of the work at the Gertrude mine during the year: Surface improvements—Hoist house, 35x20, \$400.00; shaft, 30x18, 300.00; Blacksmith shop, 16x16, 150.00; Office, 22x16, 250.00; Addition to bunk house, 12x24, 90.00; Back house, 8x12, 45.00; Plans installed during the year—1 50-horse power induction motor 15.00; 1 No. 4 friction hoist, complete 6.00; 300 feet 1-inch water pipe 45.00; Surface prospecting, tunneling, etc. 1,000.00; Shaft work—100 feet at \$42 42,000.00. (Character of rock, diorite and quartz.)

Crosscutting—North, 105 feet at \$20 2,100.00; South, 140 feet at \$19 2,660.00; Northwest drift, 32 feet at \$17 544.00. (Character of rock, diorite and quartz.) \$14,134.00

War Eagle and Centre Star.—Mr. Kirby's annual report to the War Eagle company was postponed until February and consequently the official figures are not before the public at the present time. The War Eagle shipped during the year 64,748 tons and the Centre Star 16,855 tons. The latter is expected to start the year with a weekly output of 1,000 tons. The combined monthly pay roll for the two mines show 417 men and \$49,359. The difficulties encountered all through the year by the management with the big electric hoist and the subsequent installation of a temporary battery of five compressors near the head of the Centre Star shaft need not be gone over at the present time. Next month when Mr. Kirby's report is published a full statement of the work accomplished will be given.

Evening Star.—The upper tunnel has been lengthened 50 feet. No. 2 tunnel was driven for a distance of 50 feet and an upraise has been made from it for 50 feet. There has been 50 feet of drifting in the No. 2 tunnel. A winze has been sunk from the No. 2 tunnel to a depth of 200 feet. The gold-white iron ledge has been opened up for a depth of 150 feet and for something over 100 feet in horizontal depth. The ledge is 30 feet wide. A large copper-gold ledge has been developed by means of an open cut and explorations are in progress from the 150-foot level for the purpose of finding this ledge. As soon as the reorganization of the company is completed the intention of the management is to install a 10-drill company.

New St. Elmo.—Work on the property of the New St. Elmo was resumed on June after a shut down of 12 months by the reorganized company, which is made up of a syndicate of Toronto and New York capitalists. Previous to this a tunnel over 800 feet had been run. Since the work was resumed by the new company 234 feet of drifting and crosscutting has been done under the superintendence of Mr. Krumb. One crosscut has been driven to the south to intersect a vein that is parallel to the main lead a distance of 194

30 to 40 feet from the shaft. As the ore taken from the surface of this vein is nearly all of a pay grade, it is thought that there will be quite a lot of shipping ore between the 100-foot level and the surface. Ore to the extent of 75 tons has been shipped from the giant since work was resumed under the new management. There are still about 300 tons on the dump. A ten-drill compressor has been ordered, and will take the place of the present plant as soon as it can be made.

So far, shipments of ore have been made to the Northport smelter, but it is thought that from now on the ore will be sent to Trail.

Velvet.—During the past year the main shaft on the Velvet has been extended from the 180 to the 250-foot level. On the 100-foot level crosscuts and drifts of a total length of 620 feet have been run, and a body of ore of from six to 35 feet in width has been exposed. The ore is of a good grade. On the 250-foot level, crosscuts and drifts and upraises have been made to the extent of 450 feet. The ore shoot is opened for a horizontal length of 273 feet on the 160-foot level, and for a length of 130 feet on the 250-foot level. The main adit, which is to open the mine to a depth of 320 feet, has now been driven in for a distance of 440 feet. This is the mine to which the Canadian Pacific Railway recently surveyed a line from this city, over a distance of 16 miles, and there is a considerable assurance that it will be constructed in the spring. There is considerable ore on the dumps that was taken out in the course of the development, and more in the stopes, and it is certain that a large tonnage could be furnished by the Velvet for the railway when it is completed.

California.—Work was resumed upon this property some three months since. The development at that time consisted of a 210-foot tunnel driven on a north and south vein under a large iron capping, which shows a width of 80 feet. This tunnel has been lengthened since then. In addition to this a stringer of ore met in the tunnel has been driven on for about 50 feet. Most of the attention since work was resumed, has been given to the erection of a combined shaft and compressor house, blacksmith shop, office building and other structures. The intention is to put in a ten-drill compressor, which was ordered three months since, and which is expected to come to hand in about a month. The motive power will be electricity. The galloway frame and some of the electric machinery is already in position, and the work of sinking the shaft is being carried on by hand, pending the installation of the machinery. The intention is to be seen from the large scale of the preparations, will be on an extensive plan.

Coxey.—Following is a summary of the work at the Coxey mine during the year: Surface prospecting, tunneling, etc. \$250.00; Shaft work—Shaft No. 1, 20 feet at \$19 380.00; Shaft No. 2, 40 feet at \$22 880.00. (Character of rock, diorite and quartz.) Winze work in No. 2 tunnel, 52 feet at \$20 1,040.00; Crosscutting—Bottom of winze, 40 feet at \$18 720.00. (Character of rock, diorite and quartz.) Drifting off No. 2 tunnel, 15 feet at \$15 225.00; Timbering winze 75.00; Stopping ore and handling same 175.00; No. 2 tunnel—133 feet at \$20 2,660.00; Crosscutting off No. 2, 115 feet at \$16 1,840.00; Roads and trails 50.00. \$7,395.00

Iron Mask.—Want of space in the present issue prevents an extended note on the great advance accomplished in the Iron Mask during the past year under the successful management of Mr. S. W. Hall. Work has been done at the 200, 300, 350 and 400-foot levels until a mile of underground workings have been developed and a large quantity of shipping ore has been uncovered. The ore reserve obtained being the leading feature of the year's work in addition to the successful installation of new machinery. The mine employs a force of 60 men, has a pay roll of \$5,500 and during the year shipped 5,646 tons of carefully sorted ore.

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Most Miraculous Heart Cures

Mr. Thos. Cooke, of Kingston, After Suffering Intense Pain and Distress of the Heart for Seven Years---Is Cured Almost Miraculously by

Dr. Agnew's Cure for the Heart ---A Remedy Which Saves Lives Every Day That Have Been Proclaimed

By Physicians Beyond Human Aid---It is a Powerful, Harmless Heart Specific and Can Work Wonders in Half-an Hour.

Kingston, April 26, 1899.—Mr. Thos. Cooke, 200 Johnson street, Kingston, tells this wonderful story of his sickness from heart disease, and what he consid-

ers his almost miraculous recovery by the aid of that good angel of modern medical science—Dr. Agnew's Cure for the heart. He says: "I suffered seven years from a very acute form of heart disease. I experienced great weakness; had smothering sensations; palpitation so badly that one in the same room could hear the heart thumps. I had great nervousness and de-

pression at times, suffered excruciating shooting pains. Could not stand the slightest exertion or excitement. I tried many remedies recommended to me, and consulted physicians on my ailments, and nobody gave me any hope of permanent recovery. But one day I read of a cure by this wonderful remedy which seemed just to be my own case repeated. I got a bottle and derived great benefit from it. I concluded to continue, as it promised a complete and permanent cure, and when I had used six bottles not a vestige of the trouble remained, and although that is a year and a half ago there has never been the slightest symptom of a return of the trouble."

You can readily verify this or any other testimony of the curative powers of Dr. Agnew's Cure for the Heart, for the commendations for it came spontaneously and unsolicited, and in ninety-nine

cases out of a hundred are given out of the "fullness of the heart" in being snatched from the snare of so distressing an ailment as heart disease in any form.

If modern medical science has given to the world a remedy—a cure—that thousands have used and have tested the curative powers of after having suffered for years, and had been pronounced hopeless case—if, as a last resort, even it has proved such a boon, what an amount of suffering would have been spared if when the slightest uneasiness of the heart is experienced Dr. Agnew's Cure for the Heart were used! It has never failed to do what it promises. It gives relief in the most acute forms of the disease in less than 30 minutes. It not only stimulates a healthy heart action, but it heals the diseased organs, gives vitality, tones the whole system, and it's not claiming too much to say "IT MOST WORKS MIRACLES."

Dr. Agnew's Cathartical Powder relieves cold in the head in ten minutes—it will cure the most acute and disgusting forms of Catarrh, no matter how long standing. Itching, Irritating Skin Troubles, such as Eczema, Scald Head, Salt Rheum, and will cure Piles in from three to five nights—35 cents.

Dr. Agnew's little pills for Constipation, Sick Headache and Biliousness—30 cents for 40 doses. Sold by Goodere Bros.

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Wire or Write Him if You Wish to Buy or Sell Canada Mutual

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OF IMPROVEMENTS.

Notice.

al claim, situate in the Trail Division of West Kootenay re located: About one mile west, and adjoining the Myrtle west.

that I, Wm. E. Devereux, S. Chute, Jr. free miner's certificate No. 35,439A, in accordance with the provisions of the act hereof, for the purpose of obtaining a crown grant of the above

take notice that action, must be commenced before the expiration of such certificate of improvements, for the purpose of obtaining a crown grant of the above

OF IMPROVEMENTS.

Notice.

ever No. 3 and Denmark situate in the Trail Creek in West Kootenay district: About four miles west.

that I, Wm. E. Devereux, S. Chute, Jr. free miner's certificate No. 35,439A, in accordance with the provisions of the act hereof, for the purpose of obtaining a crown grant of the above

take notice that action, must be commenced before the expiration of such certificate of improvements, for the purpose of obtaining a crown grant of the above

OF IMPROVEMENTS.

Notice.

and Hope No. 2 mineral in the Trail Creek Mining West Kootenay district. To the southeast of the

al claim, lot 1,052, group situate in the Trail Creek Mining West Kootenay district. To the southeast of the

that I, J. A. Kirk, acting as Iron Hope Mining & Milling certificate No. 35,439A, in accordance with the provisions of the act hereof, for the purpose of obtaining a crown grant of the above

take notice that action, must be commenced before the expiration of such certificate of improvements, for the purpose of obtaining a crown grant of the above

OF IMPROVEMENTS.

Notice.

fraction mineral claim, Trail Creek mining division district: On trail Creek in the

ed, bounded on the west by fractional and Fool Hen on the south by the Fool Hen on claims and partly on the

that I, R. E. Young (acting as Smith Curtis free miner's certificate No. 10849 A), in accordance with the provisions of the act hereof, for the purpose of obtaining a crown grant of the above

take notice that action, must be commenced before the expiration of such certificate of improvements, for the purpose of obtaining a crown grant of the above

wanting-ninth day of December 1899, at 2 o'clock p. m. Business

consider the report of the directors and officers, and all such business as may be connected with a general meeting of the company will be held on the 1st day of January, 1900, at 2 o'clock p. m.

J. C. HODGSON, Secretary.

Far Away Buyers.

As you have tried from us by mail not realize what deriving at its best means.

lar Button or a Disting, a Salt Spoon or net of Silver, a Half or Five Hundred Five Miles distant in the heart of the it's all one to us.

repay all carriage and if you are perfectly satisfied, we will refund upon the return of the goods.

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