

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 3,200 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 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 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.

Table with 2 columns: Mine Name, Tons. Rows include Le Roi (1,806.5), War Eagle (1,440), Centre Star (1,008), Iron Mask (952), Monte Christo (135), I. X. L. (43,480), and 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.

Black Bear.—The original shaft, now known as the Black Bear tunnel, is situated to the southeast of the original claim, lot 1,052, group 2, stratum 1. J. A. Kirk, acting as agent for the mine, 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.

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 617 men and \$49,359. The difficulties encountered all through the year by the management with the big electric hoist and the subsequent instalment 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 a lot of drifting in the No. 2 tunnel. A winze was sunk from the No. 2 tunnel to a depth of 20 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.

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 160 to the 250-foot level. On the 160-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 15 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 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, as will 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: Shaft work—Shaft No. 1, 20 feet at \$19. 330.00; 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. 1040.00. 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. 178.00. No. 2 tunnel—133 feet at \$20. 2660.00. Crosscutting off No. 2, 115 feet at \$16. 1840.00. Roads and trails 50.00. \$7395.30

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, 32x16. 250.00; Addition to bank house, 12x24. 90.00; Rock house, 8x12. 45.00; Plant installed during the year. 15.00; 1 50-horse power induction motor. 45.00; 1 No. 4 friction hoist, complete. 6.00; 300 feet 1-inch water pipe. 45.00; Surface prospecting, tunneling, etc. 4200.00; Shaft work—100 feet at \$42. 4200.00. (Character of rock, diorite and quartz). Crosscutting—North, 140 feet at \$20. 2800.00; South, 140 feet at \$19. 2660.00; Northwest drift, 32 feet at \$17. 544.00. (Character of rock, diorite and quartz). \$14,134.00

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 90 men, has a pay roll of \$5,500 and during the year shipped 5,648 tons of carefully sorted ore.

X. L.—Work was recommenced upon this property by the new management in June of last year. Since that period a valuable ore shoot has been developed to a depth of 150 feet, and a length of about 180 feet. In the drift on the 50-foot level the ledge has been drifted on for a distance of 160 feet. On the 100-foot level it has been drifted on for 180 feet, and on the 150-foot level for about 25 feet. The ledge is from 2 1/2 to 3 feet in width. The ore taken out in the course of development last year runs from \$30 to \$35 to the ton, and 100 tons were sent to the smelter last year. The intention is to begin regular shipments before long.

Great Western.—The management has decided to close down the Great Western mine for the present, a great deal of surface water from the swamp to the north has found its way into the mine, and as the workings of the Nickel Plate are being

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, 260 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 Catarrhal 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.

Dr. Agnew's little pills for Constipation, Sick Headache and Biliousness—20 cents for 40 doses. Sold by Goodvee Bros.

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feet. There is a fair showing of ore in the property. A five-drill compressor plant was installed a short time since and the work of development is making good progress. The shipments were 1,085 tons. Jumbo.—Up to date there has been 1,300 feet of tunneling done in the mine and some 500 feet of this has been done in the past year. The property has been developed by three tunnels down to the 450-foot level. On the 450-foot level the ore body has been drifted on for about 50 feet. The Jumbo is in good condition and it is probable that after the 400-foot level has been opened up a little more that the snipping of ore will be commenced. The ore is of medium grade, but under the present low freight and treatment it can be mined and milled and leave a fair margin of profit.

Evening.—Work was commenced upon this property in November of last year. The property is owned by the Evening Mining company, and is located in Sheep creek valley between Sophie and Nigger mountains. The development is by means of a shaft, which has now reached a depth of something over 30 feet. The intention is to deepen this to 50 feet and then to commence a tunnel. This tunnel can commence on the vein and in a short distance gain a depth of 200 feet. There is from 18 inches to two feet on the hanging wall and about the same quantity on the foot wall. The ore is of a good grade and assays as high as \$50 to the ton.

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rapidly extended eastward it has been decided to wait until they reach the Great Western's line of operation, when both mines can be worked together advantageously. The main shaft is down 400 feet, and during the year the mine was thoroughly equipped with machinery and pumps. Portland.—Work was commenced on the Portland in July of last year. This property is one of the subsidiary companies of the New Gold Fields of British Columbia. A tunnel has been driven in for a distance of 250 feet, and a shaft for a distance of 150 feet. In the shaft at a depth of 45 feet, a ledge of high grade ore was encountered. The shaft is a perpendicular one, and as the ledge dipped away from it, it was soon passed.

Nickel Plate.—During the year the old main shaft of the Nickel Plate was abandoned and a new shaft sunk at a point 400 feet to the north. Here a two-compartment shaft has been sunk to the 400-foot level and is now being enlarged into a three-compartment shaft. Sinking will be continued to the 600-foot level and drifts run on the two known veins. The workings will be connected with the Great Western mine to the east.

Columbia-Kootenay.—Six tunnel levels have been developed on the Columbia-Kootenay and sinking from tunnel No. 6 or the lower tunnel will be commenced almost immediately. The station at this point and arrangements for sinking being about complete. Some 30 men are employed and the monthly pay roll is nearly \$6,000. The mine is in a position to ship somewhat extensively whenever the management decide to start.

Green Mountain.—Work was commenced upon the Green Mountain in January of last year, and since that time 250 feet of shafting has been sunk and 250 feet of crosscuts and drifts have been run. A three drill compressor plant, a hoist and a pump have been installed, and work is making very good progress, although of late it has been interfered with to a considerable extent by water.

Sunset No. 2.—During the year 235 feet of shafts have been sunk and 1,175 feet of crosscuts, drifts and tunnels. Work is at present confined to No. 3 vein. On this vein at a depth of 100 feet there has been met a large vein of gold-copper ore that carries good values. This is being drifted on to the west. A 25-horse power hoist has just been installed on the shaft on No. 3 vein.

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January 11, 1900... OF IMPROVEMENTS. Notice. al claim, situated in the Trail Division of West Kootenay... take notice that action, 37, must be commenced before the expiration of such certificate of improvement... day of Oct., A. D. 1899. W.M. E. DEVEREUX, P. L. S. OF IMPROVEMENTS. Notice. 37, must be commenced before the expiration of such certificate of improvement... day of Oct., A. D. 1899. W.M. E. DEVEREUX, P. L. S. OF IMPROVEMENTS. Notice. 37, must be commenced before the expiration of such certificate of improvement... day of Nov., A.D. 1899. J. A. KIRK. OF IMPROVEMENTS. Notice. 37, must be commenced before the expiration of such certificate of improvement... twenty-ninth day of December, 1899. R. E. YOUNG, P. L. S. in Gold Fields Syndicate, Limited. general meeting of the Canadian Gold Fields Syndicate, will be held in the Mechanics Institute, 204 St. Montreal, on Thursday, 1st at 2 o'clock p. m. Business to consider the report of the directors and officers, and all such business as may be transacted at a general meeting of the company will be held on 1st January, 1900, to 2nd January, 1900. J. C. HODGSON, Secretary. December 12, 1899. r-Away buyers. s you have tried from us by mail not realize what ordering at its best means. War Button or a Dialing, a Salt Spoon or 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 return the money. RIE BROS., 122, 124 Yonge Street, TORONTO. Catalogue. 1894.