

Mines and Mining.

THE GRANBY SMELTER.

L. Holland, Manager of the Grand Forks Township Company, in an interview speaking about the Granby Smelter, says:-

"The Granby smelter is practically completed, and will be in running order by April 15th. The work on the dam is not yet finished. There was some apprehension that high water would come on and shut off the work, but it seems certain that they will be past the danger mark before the river rises. When the dam is completed and the water shut off it is estimated that the lake will be formed in 72 hours. This will cover an area of 300 acres. This will be located a mile above the town, and will make an ideal resort for boating and fishing during the summer. Considerable ore is being hauled to the smelter now from the City of Paris in Central camp. The City of Paris is one of the richest properties owned by the smelter people. They have other properties in the same camp. When the smelter begins operations there will be plenty of ore to start on. The spur line to Phoenix will also be finished shortly, and the smelter can produce ore from its mines in that camp. The intention is to reduce 500 tons per day at the beginning."

CITY OF PARIS WORK

Mr. R. B. Thomas, who has been surveying for the Miner-Graves syndicate in the Boundary, reports that ore is being shipped out of the 70 and 150-foot levels of the City of Paris, while in the tunnel the ledge is expected to be encountered within the next 20 feet, some 300 feet having already been driven. He says that the ores now being taken out average over \$40 per ton. Upward of 670 feet of tunnelling and drifting has also been done on the Lexington, of the Majestic Company, and a drift from the main tunnel is expected to catch the main ledge very soon at a vertical depth of 175 feet.

A TOWNSHIP'S PROPERTY.

Improved machinery is being installed in the Earthquake Mine, a property in which a good many Eastern Townships people are interested, and which is located on the north fork of the Kettle river, in what is known as Brown's Camp, and ten miles from Grand Forks, B. C. The principal shareholders are Charles A. Powell, president; Frank Stars, Wm. Farwell, of Sherbrooke; S. H. C. Miner, of Granby; J. W. Galer, of the Granby Smelter, and W. H. Robinson, of Granby. They report the highest assay obtained at \$64 per ton, and \$10 p. ton as an average of all values. Development work has been going on for eleven months past. The capital of the company is \$150,000, divided into 1,500,000 shares. Several experimental shipments of ore are to be made to the Grand Forks smelter, and a compressor will be ready by the early summer.

NEW GRAVES' PURCHASE.

Mr. J. P. Graves and friends in the East have purchased what is known as the Rockland group of properties in the Slocan. Under the terms of the transfer the sum of \$75,000 is to be put into the treasury to develop the group in question.

CALIFORNIA'S PLANT.

Rossland, March 27.

At the California yesterday the new 10-drill compressor was started and worked

in a perfect manner. There was not a single hitch in any portion of the machinery, and Mr. W. Y. Williams, the superintendent, expressed himself as pleased with the manner in which it operated. The air was turned on, and one of the power drills operated, and was found to operate very satisfactorily. The force on the California has been increased to 25 men, and from now on it is certain that the work will be pushed rapidly. The first work will consist of the deepening of the shaft and the extension of the tunnel.

CENTER STAR.

The surface of the mine resembles a particularly busy ant-hill. In one direction are to be seen a body of men mixing grout for the foundations of the new compressor plant this work started just over a week ago, should be completed within the week. The building itself is finished. A feature of it is the metal roofing. Instead of the ordinary wooden shingles, pressed steel imitation shingles are used. The cost of these is slightly more than those commonly used but the cost of laying is considerably smaller, and the total expense is, therefore, about equal. The advantage as a protection from fire is at once apparent. The shingles were supplied by the Metallic Roofing Company of Toronto. In another direction a small army of men are employed in framing timbers for the large hoist. Here again a pneumatic auger has greatly lessened the labor in making mortices, etc. Under the huge galleys frame are being constructed storage bins, the work being very well advanced, and it may be said to be nearing completion. The main supports of this hoist are resting upon solid concrete foundations, and can be expected to be able to resist any conceivable strain in this direction. Behind the hoist another party of men are finishing the excavations for the hoisting engine. A small hoist is in position, but new machinery is to be installed as soon as the ground is ready for its reception. Over this passes the roadway, the chasm being crossed by a massive bridge from two 12-inch squared timber trusses, which have similarly solid foundations reaching 30 feet below the level of the roadway. Such strength is requisite, as the thoroughfare is practically the only means of conveying weighty machinery to the higher levels of the mine above the War Eagle. As a sample of the way method is carried into the workings of this mine, mention may be made of a device for painting. One man was employed in giving a coat of black paint to the corrugated iron roof of the big boiler house. Ordinarily speaking, a regular gang would have to be employed to finish the undertaking within any reasonable lapse of time. The employment of a paint spray, worked with the aid of compressed air, by which the paint is distributed over the surface in finely divided jet, enables the work to be accomplished not only expeditiously, but with great economy of both material and labor.

SLOCAN SOVEREIGN.

News was received yesterday from Sandon, B. C., to the effect that in the ore shoot opened up in the upraise of the Slocan Sovereign, the drift has been in rich ore for fifty feet, and the end has not yet been reached.

WINNIPEG TO RESUME.

Operations Will Be Recommended in About Two Weeks.

The Winnipeg Mine, which closed down a few weeks ago, as it was given out then pending negotiations for Consolidation with the Golden Crown, will resume operations shortly, says the Phoenix Pioneer. This positive statement was given out by

D. H. Beecher, the Treasurer of the Winnipeg Mining & Smelting Company.

He informed a representative of the Pioneer that he was much pleased with the appearance of the property, and the returns of from \$18 to \$24 per ton on the ore shipped thus far more than realized the expectations of the stockholders. The Winnipeg, which has been continuously worked for two years and a half up to this time, is developed to the 800-foot level, and has about 2,000 feet of work done thus far. There are large ore reserves to be drawn on, from which steady shipments will begin as soon as operations are once more started. It was thought this would be at the time the steel was laid to the ore dumps, but Mr. Beecher says it will be sooner.

In regard to the proposed consolidation with the Golden Crown, Mr. Beecher stated that negotiations were still pending between the officers of the two companies, but as yet there was nothing that he could give out for publication.

THE ORO DENORO

Rossland, March 27.

Mr. Ross Thompson has returned from a visit to the Boundary Creek country, and while there he inspected the Oro Denoro, which is being operated by the King Mining Company. There are 25 men employed on the mine. One tunnel is in for a distance of 150 feet, 60 feet of which is in ore, commencing at the surface. On the same level over 100 feet of drifting has been done. Another tunnel is now in about 200 feet, and it is expected hourly that it will tap the ledge at a vertical depth from the surface of 250 feet. The 60 feet of ore encountered on the upper level will average about \$20 to the ton, most of the values being in copper. The ore carries only a small quantity of gold. Within a short time after the ore has been found on the lower tunnel the property will be in a position to ship from 50 to 60 tons of ore per day.

SLOCAN ORE SHIPMENTS.

The total amount of ore shipped from the Slocan from January 1, 1899, to June 30, 1899, was 15,113 tons. From July 1, 1899, to December 31, 1899, the shipments were 4,810 tons.

Following are shipments from January 1, 1900 to March 17th:-

	Week.	Tot'l.
Payne....	140	1,980
American Boy....	—	61
Last Chance....	40	120
Sunshine....	—	20
Queen Bess....	—	261
Rambler....	—	421
Surprise....	—	20
Lucky Jim....	—	78
Florida....	—	20
Bosun....	20	120
Hartney....	—	20
Capella....	7	7
Emily Edith....	—	20
Vancouver....	—	20
Arlington....	—	180
Black Prince....	—	60
Total tons....	207	3,408

PAYNE.

Although the question of a resumption of dividends by the Payne Mining Company has not yet been decided upon, it is being discussed by the owners that be. It is understood that enough money has been incurred during the labor difficulties, and to pay a quarterly dividend, which may or may not be announced for the month of May. It is now generally understood that the dividends of nearly all the mines will be paid quarterly in future, instead of monthly, as in the past.