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## MINING NEWS.

### WORK IN SUMMIT CAMP.

A Strike Made in the B. C. Mine — Oro Denoro Looks Well.

Summit Camp, Boundary District, February 8.—The recent strike of an immense body of practically solid chalcopyrite ore on the 250-foot level of the B. C. mine has easily added half a million of dollars to the value of the mine, and proclaims the B. C. the "Lo Roi" of the entire Boundary district. This ore body was struck at a point 250 feet east of the shaft in a crosscut to the north, and although the drift on the ore has since been extended 53 feet, it is impossible to form any adequate idea of the real extent of this magnificent ore chute. Both walls, the back and floor, are all in ore of the same quality. The ore is a beautiful mass of closed-grain chalcopyrite, and a recent average of many samples taken places the value of the ore at 12 per cent. copper and five per cent. silver per ton. The B. C. is essentially a copper mine, and the local management is particularly gratified at the uniform gold value found in the new ore body, as the gold value of the ore in the upper levels was practically nil.

Development work in other portions of the mine is being carried steadily forward, and everything gotten in readiness for stopping. In the interim both the first and second class ore dumps are being re-sorted and shipped to the Trail smelter. At present the Canadian Pacific Railway appears to be suffering from a paucity of engines and ore cars, and as a direct consequence shipments from the mine are being retarded. As soon as the defect is remedied, it is the intention of the management to ship at least 70 tons of ore per day.

The Oro Denoro, which many competent mining engineers believe development will prove to be equally as great a mine as the B. C., Manager Neil Cochrane is opening up rapidly and systematically, though he is hampered by lack of sufficient power. It will be remembered that last fall graders on the work of extending the Phoenix branch of the Canadian Pacific railway uncovered a body of copper sulphide ore 200 feet wide. A trial shipment of this ore to the Trail smelter gave aggregate values of \$15 in gold, copper and silver. This immense showing is now being developed by two tunnels, the upper one of which is being driven by power drills to make a connection with the shaft which was sunk on the ore body from the surface to the depth of 200 feet. This tunnel has already cut one magnificent ore chute 40 feet wide, carrying uniformly good values in copper and gold. A drift alongside the ore body from the bottom of the shaft has already been run for a

distance of 280 feet, and it is hoped that the connection between the tunnel and this drift will be made during the coming week. This work will open a vast area of very valuable stopping ground, in addition to giving much needed ventilation to the western end of the mine. The lower tunnel, which, when vertically underneath the shaft will give a total depth of 280 vertical feet on the mine, is already in 120 feet, and is being steadily pushed by hand work through very hard ground. Although it is not expected that this tunnel will intersect the ore chute cut by the upper tunnel for another hundred feet, some seams and bunches of solid copper sulphides are already coming in the breast of the tunnel, and in fact the whole face of the tunnel shows more or less mineral. In future days this tunnel will be the main workings of the mine. In some quarters the speedy inception of ore shipments from the Oro Denoro has been heralded, but the writer, from what he has been able to learn from a recent management, does not believe that the regular and continuous shipment of ore will be undertaken until such a time as the mine has been well opened and that shipping once begun can be regularly and continuously maintained.

Denoro pronounced by its inhabitants "De-near-o," is the latest town site to make its appearance in this district of many towns. The B. C. mine is a short mile distant. The Emma, the famous Summit Camp property of Messrs. Mann and Mackenzie, adjoins the townsite on the north, as does the Oro Denoro on the west. The embryo town of Denoro, unlike most new places, already has excellent transportation facilities, or at least is at the mercy of two branches of that great railroad octopus, the Canadian Pacific, as both the Phoenix branch and the B. C. mine spur pass within 400 feet of the new town. Ross Thompson, the ubiquitous, with a few of his associates in the Oro Denoro, are the controlling spirits in this new venture, and although a portion of the new town was recently surveyed by N. F. Townsend of Rossland the lots are not on the market, it has been learned that numerous reservations for lots have been made. Ross Thompson has a keen eye for the location of a town, and his many friends throughout the Boundary are beginning to believe that he has in his hands a future Rossland in Denoro, particularly in view of the recent strike at the B. C. Already the Columbia Telephone company has completed a line into the new town, and communication with the outside world may be had as soon as the instruments arrive and can be put in position.

The stimulating effect caused by the strike in the B. C. and the satisfactory development of the Oro Denoro at this writing can hardly be minimized. In all directions development forces are being increased, and claim owners, encouraged by the condition of the camp, are commencing development, and already in at least three properties have good strikes been reported.

The Mountain View, three quarters of a mile to the east of the Oro Denoro, and which was recently bonded to Messrs. Stewart and Welch of Spokane, has continued to develop in such a satisfactory manner that the second payment was anticipated by 10 days, and was made on Saturday last to the original owners through the Merchants Bank of Halifax, at Grand Forks. The mine is under the charge of Mr. John Dorsey, who reports that ore is beginning to come in in the shaft.

Last night a first class strike of a fine-grained chalcopyrite and pyrrhotite ore body was made in the shaft of the Twenty One, a property lying above the railroad track, between Denoro and Eholt. Development

has only recently been started, and this strike was made at a depth of 24 feet. No assays are yet obtainable. The Twenty-One is the property of the Boundary-Larreau Mining company.

The Quebec-Boundary Mining company is to be congratulated upon the magnitude of the recent strike on the Strawberry. The crosscut to the west from the bottom of a 60-foot shaft has demonstrated the existence of a solid body of fine-grained iron pyrites nine feet wide. At this point the contact vein is well defined and gives every appearance of continuity.

### GOLDEN STAR.

In conversation with a prominent mining man we learn that it is quite evident that the Golden Star mine has promise of a long successful future before it. He says people who are at all well acquainted with mining know that there are often barren spots encountered in the ores or places quite low in grade compared with the general run of the ore. Sometimes these spots are quite small and, again they cover a considerable distance. It is often the case where the practice of following the rich places along the vein is carried out that it is discovered that the lean spot was of practically no consequence and was perhaps only a foot in thickness and of limited length. The Golden Star mine is said to be in very rich ore now and the indications are that it will continue with further sinking. There is one thing about the Golden Star which presumably is not known by the general public, that is, that the mine was almost entirely gutted of the rich ore exposed, and some of the levels were left in a very dangerous condition by the former management. The management has since that time spent their energies in opening out new ground and making the old safe enough to work in. However, since that time and with the necessary opening of a considerable amount of dead ground the Golden Star will have produced something over \$24,000. This itself is sufficient evidence that the mine has by no means become exhausted, and it is the opinion that the mine is a remarkably good one to make such a creditable showing under the circumstances. While it is the province of the mining engineer to state facts and present conditions and be conservative in his estimates of results to be obtained, still, if he makes a recommendation to continue further along the line of work, it is most certainly his idea that more good ground will be opened up or he would not recommend the continuation of the work.

The engineer could not certainly recommend the building of a larger mill if there had hardly been sufficient development work done to keep a 10-stamp mill going. When this work is carried to a more advanced stage and more drifts and a larger mill will certainly give good paying results with the same quality of ore now being encountered, which averaged for five months on 4,467½ tons \$5.51, and with an increase in value of the ore such as present indications seem to prove, it will likely enable the mine to get a sufficient reserve fund ahead so that it may be able to resume dividend paying by the 1st of June, possibly a month or so later. But when they begin again it will be on the condition that there is a sufficient treasury to meet contingencies, and a good supply of pay ore blocked out ready for stopping. Although there are more things to detract from the chances of success of the Golden Star Company in comparison with other mining companies in our region, still it is the general impression that the mine will keep right on producing bullion in increasing quantity, and dividends will follow as a matter of course.—Rat Portage Miner.