

# THE EXCHANGE NEWS.

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## MINING NEWS.

### NELSON AND SLOCAN.

Work is to be resumed on the Black Prince at once.

Two car loads were lifted from the Enterprise this week, billed for the Everett smelter.

Fifteen men are at present employed on the Kilo. Surface water is a great hindrance.

The Slocan Star mine will start its concentrator on April 15, and expects to have 100 men working at that time. The managers find some difficulty in securing good men.

It is reported from the Molly Gibson that the raise is finished between No. 3 and No. 4 levels, a distance of 250 feet, and is in ore the entire distance. It is estimated that there is now \$500,000 worth of ore in sight.

T. Lloyd and Morris Davis are working the Victor claim, Ten-Mile, under lease. They have good ore to work on and they will make money. Their lease and option extends over a year. Slocan parties are part owners in the property.

During 1899 the Hall Mines smelter at Nelson produced 5,390 ounces of gold, 672,706 ounces of silver, 1,508,768 lbs. of copper and 2,030,550 lbs of lead. The Canadian Pacific smelter at Trail produced during the same time 52,218 ounces of gold, 101,410 ounces of silver and 2,578,717 lbs of copper. The value of the gold, silver, copper and lead was approximately \$2,500,000, or about one-third of the total value of the gold, silver, copper, and lead ores mined in Kootenay and Yale districts.

Twenty-four men are working at the Arlington, and the development of the property is proceeding rapidly. There is no diminution in the size of the orebody, which holds its own well as the drifts go into the hill. Surface water is beginning to give some trouble. The bad road now makes it difficult to handle supplies to the mine. Bob Allen has completed his contract of hauling the ore to the upper end of the wagon road, but Worden Bros. have several hundred sacks yet to come to town. So soon as the snow goes, the management will continue the wagon road to the mine, a distance of about two miles.

News was brought down from Ten-Mile during the week that a rich and important strike had been made on the Iron Horse claim, situated between the Enterprise and the Creek. It had been made at the foot of a winze that was being sunk on the lead in the main tunnel. The ore is claimed to be six inches wide and

of the same character and richness as the Enterprise. The Iron Horse is owned by Angus McLean and the estate of "Black Dan" McDonald, who died a year ago at New Denver. It is one of the early locations on the creek. Three weeks ago McLean resumed sinking, with the above results. The chute evidently extends under the creek, and at once demonstrates the value of the property. At the same time it shows the continuity of the veins in the granite. No vein in the camp shows a greater vertical depth than the Enterprise, extending as it does from the Iron Horse in the valley to the Ohio on the summit, as opened and exposed.

### OMIR.

Work is soon to be commenced on the property of the Tamarac Mountain Gold Mining Company, which adjoins the Tamarac on Tamarac mountain.

Negotiations are still pending for the sale of the Dundee mine to the English syndicate represented by Messrs. Morrison & Marshall, and the deal is expected to go through now in about ten days.

In consequence of the very encouraging results obtained from the first operations of the Ymir Mill the price of the stock has advanced to \$7.25 per \$5 share (fully paid).

The Canadian King mine is now shipping ore to the Northport smelter. The value of the last carload reached \$40 per ton. The shaft has now attained a great depth.

A representative of the A.B.C. arrived on Monday last and has put a force of men to work on the Mist Fraction, belonging to that corporation. The property adjoins the Ymir mine on the north.

The first month's run of the ten-stamp mill at the Yellowstone mine has resulted in a product of \$6,500 in gold bullion and about \$2000 in concentrates. Tenders are now being received for a contract for driving a tunnel 1,000 feet.

The Nevada vein is now proved to possess that feature which every mining man likes to see. On the surface it averages five feet only. In the face of the intermediate drift it is eight feet wide, while in the lower tunnel, which encountered the vein last week at a depth of about 150 feet, the vein has a width of fully 14 feet, with four feet of first class ore and the balance concentrating ore.

The exploratory work which has recently been done on the Eldorado group on Porcupine Creek has opened up a remarkable vein, not less than 45 feet wide between walls. The tunnel, which has been run in 50 feet, follows the foot-wall and has exposed some remarkably rich galena ore, assaying up to \$80 in all values. Recent surface work has shown the full width of the vein, and on the hanging-wall 45 feet away, a streak of rich galena and iron sulphides was discovered. The vein has been crosscut from the foot-wall for 16 feet. A second vein, four feet wide has also been discovered on the property carrying iron and arsenical pyrites.

The work done to date on the Rainy Day consists of a shaft down 40 feet on vein No. 1. On vein No. 2 a crosscut tunnel has been run, tapping the vein at 30 feet, from which point a drift has been run on the vein 35 feet and a winze sunk 35 feet. The vein at this point is seven feet wide. No. 2 shaft on the same lead is down 45 feet, and shows a solid body of ore assaying \$40 in gold across the bottom, while picked specimens ran \$86. An open cut on the third vein, 300 feet below No. 2 shows good ore, averaging \$20 in gold. The ore in all three veins is almost entirely free milling.

Turning to the balance sheet of the Ymir mine there are found some interesting details as to the cost of mining and milling. The amount expended on development of the mine and charged to capi-

tal account was 438,800. The cost of mining handling and treating 17,522 tons of ore amounted to \$76,893, or about \$5.40 per ton, divisible as follows: Mining 17,522 tons, \$22,672; milling 17,187 tons, \$16,640; smelting crude ore and concentrates (including duty, freight and charges), 937,581; total, 476,893. Management and administration in British Columbia cost \$17,250, and London \$9,000, while \$11,000 is written off for depreciation. The net profit for the period which the mill has been in operation is \$100,250. Out of this \$50,000 was distributed as a 5 per cent dividend to the shareholders on the 1st of November last, and as soon as the second battery is running the directors anticipate an annual net profit of \$200,000 available for distribution.

### THE PEND D'OREILLE.

M. H. W. O. Jackson has returned from a visit to the Pend d'Oreille country, and speaks most enthusiastically of it. He says in addition to being a good mining section, it abounds in fish and game, and the land is suitable for stock raising, farming and fruit raising. The Bunker Hill 10-stamp mill will be ready for operation in about two weeks. Mr. J. J. Warren is in charge of the operations. A gang of men is at work in the mine getting out ore so that there may be a good supply on hand when the stamps begin to fall. There are between 20 and 30 placer miners working along the river, who are making fair wages.

"While there," Mr. Jackson said, "I saw the biggest quartz ledge I have ever seen. It is about 80 feet wide. I do not know how rich it is, as I have not yet had it assayed. The property which the ledge is located was what I went over for the purpose of seeing."

"The section along the Pend d'Oreille reminds me of the Snake river country in Washington. I saw three good ranches along the river, and there would be others if the settlers could get a title to the land. The land is on benches, and here and there are patches of from 60 to 70 acres which have only bunches of trees here and there, and are therefore practically cleared. The soil is fertile; there is not much snow, nor is there too much rain, but in summer there is enough dew and moisture to insure crops, and the land is located principally with a southern exposure. Most of the land is on the grant awarded to the Columbia & Western railroad. There are meadows with grass that is knee high. It offers splendid opportunities to the stock raiser, the farmer and the fruit raiser. In short it is the finest land I have yet seen in the Kootenays. In addition to this, it is opened from one end to the other by a good wagon road, which was built by the mining companies which have been operating there. It is my intention to bring the matter of titles in this section to the attention of the board of trade, as the farmers are unable to secure titles, to the end that this valuable section may be settled. Why, it could produce almost enough beef, fruit and vegetables to supply a large portion of the Kootenays."

"The people of that section consider that it was a mistake to have transferred their country from the Trail Creek to the Nelson mining division, as they would much prefer to come to Rossland when they wish to transact such business as comes before the mining recorder and the gold commissioner. They think, too, that the ferry at Trail should be kept running, as it gives them a short road to Rossland."

"The country has not been thoroughly prospected, and I think it offers a splendid field for the prospector, and I intend to recommend it to my friends. It struck me as country in which there will yet be discovered a number of valuable mineral claims. It has all the earmarks of a good mining country."