

385 feet of drifting on this level. At the same time an upraise has been put in from the second to the first level a distance of 100 feet, and drifting on the north vein on the second level has now reached 120 feet. All the above work is in quartz. In addition a crosscut has been run 185 feet south for the purpose of exploring the ground in that direction. The preliminary work has been done for the purpose of continuing the shaft down another 100 feet.

Average samples taken as the work has progressed have demonstrated that the values contained in the quartz remain practically the same as those mentioned in my former report. With a small amount of sorting, the ore can be depended upon to yield \$5 per ton. Ore bins are being constructed and all arrangements hastened for the purpose of supplying the ore necessary to keep the Smuggler mill, which has recently been secured by the Corporation, going at full capacity as long as may be considered advisable.

A saw mill has been purchased and is now being installed for the purpose of supplying all lumber that may be needed for structural and mining purposes. The necessary timber limits have been secured and a contract let for the delivery of a large amount of logs at the mill. This mill will effect a great saving to the company.

The stamp mill is being overhauled and put into shape and as soon as arrangements are completed we will be ready to begin the continuous treatment of all the ore that you may think desirable to put through while the mill remains in its present location.

Respectfully,

J. E. BLEDSOE, M.E.,  
Supt. Fairview Corporation.

#### VANCOUVER NOTES.

Vancouver, Oct. 8.—News has been received from London, England, that the Le Roi Mine will probably pay a dividend this month, the first since the English company took it over. Lord Ernest Hamilton has written as follows to the Atlin press: "Has it come to your knowledge that there is a disposition on the part of certain individuals to jump claims which we have acquired by fair purchase. It has occurred to me that it might be of interest to your readers to learn what the effect of such action would be. We are here representing a strong London company. If the preliminary examinations of our claims is satisfactory that company is prepared to work them on a scale equal to that of the Treadwell, but if frivolous obstacles are placed in the way of our obtaining Crown grants, and undisputed titles, we shall simply wash our hands of Atlin and turn our attention elsewhere."

Atlin reports state that Muir and Harri gan, who are working Nos. 7, 8 and 9 benches below Discovery on the south side of Pine, had their sluice boxes robbed. They are working 12 or 14 men. The night shift had been at work for a good many hours, and judging from former cleanings, there must have been from 20 to 30 ounces of gold in the boxes. No clue has been found. It is the first crime of the kind in the district.

From Fort Steele reports have been received of three important bonds for example, the Workman, situated near the summit of the Sawyer's Pass, about 22 miles from Crawford Bay, has been bonded by D. W. Moore, of Trail, for 240,000. It is understood the deal was made on behalf of the Canadian Pacific Railway officials.

Mr. Moore has also bonded from William Millican and Hugh McCool, the Enterprise Mineral claim, located on the west fork of the St. Mary's river, about five miles south of Sawyer's Pass. The consideration is \$20,000. Mr. Thomas G. Holt, of Vancouver, representing Mackenzie & Mann, on the Coast, has bonded Mr. Urquhart's properties on the west fork of the St. Mary's ri-

ver, the consideration was \$30,000.

A Mr. Lecky has taken up a bond on behalf of backers of \$15,000 on the Try Again claim on Four Mile Creek about 10 miles from Fort Steele. The directors of the Fern Gold Mining Company, held a meeting in Nelson the other afternoon for the purpose of considering the report of Mr. J. E. Hardman upon the company's property, and the plan of development. The report stated that the efforts of the management to find the lead after encountering the Fault had failed. The vein referred to was done prior to May last and consequently the present management is not responsible for it.

Cross cuts are now being driven to find the lead on the opposite side of the Fault.

#### THE REPUBLIC MILL.

Mr. Clarence J. McCurig received word yesterday that Mr. D. C. Jackling, the expert from Mercur, Utah, had arrived at Republic, where he will undertake at once the work of alteration in the mill of the Republic mine. The capacity of the mill will be increased to 100 tons daily, which is three times the present output.

#### A LARGE MINING PLANT.

The Montreal Boundary Creek Mining Co. have shipped a plant to their three mines, Crown Silver, C.O.D., and Sunset, which is the largest and most efficient ever sent to that section. The plan consists of an Ingersoll-Sergeant air compressor capable of operating twenty drills, a 300 horse-power battery of horizontal tubular boilers, a pumping outfit and a hoisting plant. It weighs one hundred and twenty thousand pounds, and requires seven cars to transport it. The plant working ten hours per day, will hoist from a 300-foot level 480 tons of ore, and the hoisting engine is capable of going down twelve hundred feet. The plant, which will go in operation as quickly as possible, will mine ore at minimum cost. The railway which runs through Sunset claim, will in a short time be complete to Greenwood City. As announced in the Exchange News some time ago, the properties of the company are in charge of Mr. Johns, one of the most capable mining experts in British Columbia.

#### BRITANNIA MINE.

The Sawyer Company today received word from A. B. Upton, Esq., vice-president and manager of the Britannia mine that work was being continued in the Black Jack shaft drifting, and that there was no doubt about it being a mine. The mill will shortly start milling the ore dump at this shaft.

#### SURPRISE.

(From the Republic Miner.)

With \$400 ore in the Surprise, that magnificent property is more than ever assured a place as one of the greatest mines in the canyon. The showing now is wonderful and it is steadily improving as work is pushed on the newly discovered chute. Such ore as that is of course too valuable to lose and it is being carefully saved in expectation of a shipment.

The find was made in the south drift at the 80-foot level in the Surprise ground. For the past 60 feet the workings had been in good ore which averaged from \$20 to \$30 in values. The pay streak was about three feet wide—just half the width of the vein. Satisfactory as was that showing, however it was suddenly eclipsed on Monday when the miners broke into a big body of granular quartz streaked and spotted with iron sulphides. It was easy to see that the ore was very rich, for in appearance it closely resembled the best product of the Princess Maud. The regular daily mine sample was taken across the face of it for its width of four feet,

and the assay that night showed 20 ounces in gold and 70 ounces in silver. Since then it has widened to five feet and values have held to the same high figures.

The ore is evidently from the edge of a chute extending for 300 feet into the old south shaft on the Surprise. That shaft was sunk for 48 feet in ore averaging nearly \$30 all the way, and a drift to the north for 80 feet from the bottom of it also showed an average value equally high. The present drift where the new find was made is nearly 300 feet distant, but it is 40 feet deeper and with that additional depth the ore evidently increases steadily in value.

There are 20 men at work on the Lone Pine-Surprise. On the Lone-Pine cross-cutting is now under way and there has been no recent change in the showing. The ledge will not be met for some distance.

#### REPUBLIC'S NEW WINZE.

(From the Republic Miner.)

Never on the reservation had such values been obtained as were received this week from the lowest workings in the Republic. A three-pound sample from the bottom of the winze assayed in gold alone the enormous total of \$5,081.50, and the silver contents were estimated to be about 400 or 500 ounces.

The result has fairly startled even those who best knew the possibilities of the mine, and it opens an immense field of speculation as to the future of the camp. The rock came from the bottom of the winze 55 feet below the 400-foot level, equal to a total depth of 455 feet from the surface. With every foot sunk there the values have been increasing, but the climax was reached this week when the sample returned values of more than \$5,000.

The numerous advocates of the claim that values increase with depth here may not be supported by very profound scientific authorities, but they can take comfort to their souls from the result of the Republic's development. On the surface the returns were nominal, and at depth of a few feet it took picked samples to return values of from \$30 to \$80. Since then with every succeeding level values have grown better until now the returns rival anything in the West.

#### THE BOUNDARY COUNTRY.

Mr. Ross Thompson, from the Boundary Creek country, is very favorably impressed with the Oro Denoro. He reports that some ore is being taken out of the property, so that it will be ready to ship on to the smelter as soon as the railroad is finished. The grading on the railway is done, and the next step will be to lay the track. About 200 tons can be taken out of the open cut which was made by the graders. Besides, there is another vein which is 100 feet in width, which it is the intention to explore. The compressor plant is installed and is in operation. The shaft is down to a depth of 200 feet, and a crosscut will be made to tap the big ledge 100 feet wide, which has been shown up on the surface by the railway cutting. It is thought it will be tapped when the crosscut has been run for a distance of about 100 feet.

#### IN OKANOGAN,

A letter from Mr. A. S. Edgcombe, superintendent of the Okanogan Free Gold Mines, near Oroville, stating that two important strikes had been made on the property of the company. One was in the open cut on the east and west vein. At the time of writing the entire face of the cut was in ore of good grade. The other strike was in the tunnel, which is being run from the shaft at a depth of 50 feet to tap the north and south vein. At the time of writing the entire face of this tunnel was in high-grade ore. The intention is to sink on this find.