

## CRIPPLE CREEK AND ITS WEALTH.

(Continued from page 5.)

Work Company. Some time ago the lessees on this claim found, at a depth of 60 feet, a small amount of broken up quartz, which the lessees declared would return assay values of something like \$100 to the ton. The superintendent of the Work mine took samples of it, but could not obtain better values than \$12 to the ton.

Two or three days ago another sample of this stuff was taken, and a careful test was made on it with better results. The assay returns showed values of \$198.50 to the ton. The further work on this strike has not demonstrated the vein to be in place at all. It is still the same kind of broken-up quartz, and there is practically no good vein of it as yet, and no indication that the vein is in place there, although there is no telling what future work will disclose. Since this quartz was first discovered the men have sunk on it 13 feet deeper, or to a depth of 73 feet, and it is still of the same character, but shows the better values of \$198.50 to the ton.

## NEWS OF THE MINES.

## OLD IRONSIDES.

The latest report from the above mine is very encouraging. They are working in good ore, the values of which are above the average, reckoned on by the management. For the week ending May 21st the progress was as follows:

Shaft No. 2—Report May 14.....	237 feet
do — “ “ 21.....	243 “
Gain.....	6 “
Crosscut No. 1 east footwall, drift north—	
Report May 14.....	32 “
do. “ “ 21.....	43 “
Gain.....	11 “
Crosscut No. 1 west, footwall drift south, just commenced.....	10 “
Total for week.....	27 “

## KNOB HILL.

There is nothing new to report from this property. As will be seen from the following report, work is progressing steadily and the management have every reason to be satisfied, not only with the progress made, but with the ore values. Work has been suspended in tunnel No. 1, which is in 536 feet.

West Drift, No. 1, Report May 14...	197
“ “ “ 21...	210
Gain.....	13
West Drift, No. 2, Report May 14...	6
“ “ “ 21...	20
Gain.....	14
Shaft No. 1, connecting with upraise, Report May 14.....	50
“ “ 21.....	64
Gain.....	14
Upraise.....	70
Shaft.....	64
Total to surface.....	134
The connection between shaft and ud.	

raise is merely an air hole about two feet wide and five feet deep. Three or four shifts of works will square it up, but as the main object has been attained, the work will not be completed until the shaft is required as an ore chute.

## IN THE BOUNDARY DISTRICT

## MONTREALERS VISIT THE MONTREAL BOUNDARY CO'S PROPERTIES.

The Grand Forks "Miner" of May 20th has the following:—

J. F. Piggott, mining broker, and E. Kirk Green, Jr., of Montreal, were in town Wednesday after a visit to Republic and various camps in the Boundary country, where they own large interests. They were greatly impressed with the magnitude of the development work in progress in the Old Ironside and Knob Hill mines, both of which are now on a shipping basis. They also inspected the famous Mother Lode in Deadwood Camp. This property is probably the best developed property in the Boundary country. The owners are Col. Weir and other New York capitalists.

Messrs. Piggott and Green are interested in the Summit group of claims adjoining the Mother Lode, and owned by the Montreal Boundary Mining Co., capitalized at \$2,000,000. This group consists of the Summit Crown Silver and C. O. D. claims and the Florence fraction. The company has \$20,000 cash in the treasury, as well as 450,000 shares of stock, the proceeds of which will be devoted to development purposes. The shaft is down 220 feet and there are 300 feet of tunnels.

At the surface the values range from \$7 to \$50 per ton. Average assays give a return of about \$20 per ton in copper and gold, the principal value being in gold. The ledge at the crosscut is 80 feet wide, 56 feet of which is solid ore. The mine will begin to ship as soon as the railway reaches the camp, some time in July. An extensive plant, including a boiler and pump, have just been ordered.

## SUMMIT-REPUBLIC.

The Republic Miner of May 20th says: "The promoters of the Summit-Republic, usually called the Summit, have always contended that the north extension of the Republic vein must run through their ground. The Republic vein, so far as located on Republic ground, appears to run north and south, and if the north extension should continue in the same course it would run through the Ben Tillman, as that claim lies directly north of the Republic. But so far as we have been able to learn no indications of the vein have been found on the Ben Tillman. The theory of the Summit people is that a series of faultings occurred in the Republic vein in the neighborhood of the north end line of the Republic ground, and that these threw the vein several hundred feet to the west. Their ground being to the northwest of the Republic ground would therefore be in a position to catch the north extension.

Three months ago the Summit people started a crosscut at the north base of Republic Hill, but several hundred feet west of the Republic ground. This tunnel was run diagonally to the southwest, the theory being that the vein would come down the hill from the southwest to the northwest. The tunnel soon encountered a large mass

of conglomerate containing here and there a little quartz, which showed low values. There was little to indicate that it was the Republic lead.

A few days ago Superintendent Easton, of the Summit, began some surface work on the hill almost in line with his tunnel, and soon found the outcrop of a body of quartz. Tuesday morning it was sufficiently well opened to leave no reasonable doubt but that it is a vein in place. Some very good looking decomposed quartz was being taken out and the ore body appeared to be widening. It was about three feet wide in the bottom of the cut. It is too early to say how important the discovery is, or that it is the Republic vein, but the discovery is certainly important. It may be the solution to a problem that has exercised the attention of almost every mining man who has come to the camp. For what every one has been trying to determine is, how the Republic mine is connected with the north group of mines. Perhaps this missing link has been found.

## MORE RICH ORE ON SURPRISE.

Spokane, May 25.

At the office of the Surprise Gold Mining Co. yesterday a message was received from Superintendent Thomas Clark, giving the result of three average assays of three new open cuts on the Surprise claim. The message was shown to a reporter by James Clark, president of the Surprise Company. The assay from the first cut was \$86, from the second \$72, and from the third \$121. "This indicates that the ore chute on the Surprise is over 250 feet long, as far as explored," said Mr. Clark. "We have not opened the vein in any place yet where we did not find high grade ore." The following figures show the actual assays made from ore taken out of the Surprise shaft: May 20, \$34.80; 21, \$17.42; \$32.48 and \$3.50. The first was an average of the whole, the second a streak next the hanging wall, and the last was from a small streak on the footwall. On May 22 the assays were \$35.52, \$22.04, and \$71.04.

## MOUNTAIN LION.

Republic, Wash., May 25.—The Mountain Lion drift has been extended along the ledge south 260 feet, and in the face of the drift the same high grade ore is found that has been followed from the start.

The ore body in the new shaft continues to increase in size. The shaft is 60 feet west of the ledge that has heretofore been denominated the west ledge. The new ledge was truly a "blind" one, as there was not the least indication on the surface that there was a ledge where the shaft was being sunk.

## W. A. FLEMING,

IMPORTER

## Camel = Brand = Hair

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