

chine drills can be operated. The tunnel as originally made is not wide enough for these drills. The compressor building and other structures have been erected and 2,000 feet of roads have been built. Excavations are now being made for a powder magazine.

BRANDON & GOLDEN CROWN.

The Brandon & Golden Crown is raising ore from the 150-foot level, and is cross-cutting at the 300-foot level.

MOTHER LODE.

The Mother Lode recently made a strike between the 200 and the 300-foot levels, and the entire shaft is full of ore. Assays of this ore shows that it runs 30½ per cent. copper, \$12 in gold and also carries some silver.

DEER PARK.

Work on the Deer Park is being pushed vigorously, and the intention is to make connections with the present shaft and the south drift as quickly as possible. The shaft is now down for a distance of over 50 feet, and the ore body still continues. It is expected that the new hoist will be in working order by Wednesday. The gallows frame is already in position. As soon as the hoist is in operation sinking on the shaft will make progress with greater speed than hitherto. On the 300-foot level three shifts are working in the south drift towards the new find. In all probability a consulting engineer will shortly be employed by the company to lay out the work. The ore body continues about the same as it was on the surface and some interesting developments may be looked for at any time.

BANNER CLAIM BONDED.

Grand Forks, B.C., Oct. 16.—Henry White the locator of the Knob Hill and Old Ironsides, as a result of a recent visit to Franklin camp, the new camp on the east fork of the north fork of the Kettle river, has bonded the Banner claim from Frank McFarlane for \$50,000, paying 10 per cent. down. This deal is significant as indicating the great richness of a region exclusively tributary to Grand Forks. It was negotiated after Mr. White had made a thorough examination of the property.

The quartz lead on the Banner varies in width from 20 to 30 feet, and contains shipping ore at the surface. Average assays gave returns of \$40 per ton in gold, copper and silver in the order named. The lead can be traced nearly the whole length of the claim. The bottom of a 15-foot shaft is in ore. A tunnel will be driven this winter to tap the vein at a depth of one hundred feet. A railway to the camp is one of the certainties of the near future.

THE NEW ST. ELMO PLANT.

(Rossland Miner, Oct. 19.)

The compressor plant for the New St. Elmo has been hauled, with the exception of the 50-horse power motor, to the site and some of the parts have already been installed. It is thought by the management that the plant will be ready for use within a month. The motor will be of the induction type. The compressor consists of the half of a 10-drill plant. The idea in securing a plant of this type was that as soon as the exigencies of the property demand it the other half could be added without any great inconvenience. The drift tunnel is in for a distance of 600 feet and a crosscut has been run from this tunnel for a distance of 50 feet. The crosscut is being run for the purpose of cutting a ledge on the property that lies south of the ledge which has been drifted on. The showing of ore in the property is very fair and it is now thought that ultimately it will prove to be a producer of considerable pay ore.

THE REPUBLIC LEDGE.

It Has Been Tapped at a Depth of 600 Feet.

(Rossland Miner, Oct. 19.)

Republic, Wash., Oct. 18.—At a depth of 600 feet and at a distance of 2,200 feet from the mouth of the tunnel the Republic ledge has been crosscut 27 feet wide, assaying from \$62 to \$184 to the ton. The south winze and north drift above are very rich.

ROSSLAND REVIEW.

Ore Shipments.

What with the Le Roi closing down on the 11th and the War Eagle and Centre Star being obliged to close down twice during the week it is somewhat surprising that the output of the camp for the week just ended has been as well maintained as it has. Approximately the ore shipments for the week amounted to 4,228 tons, a decrease from the output of the previous week, when the shipments amounted to 5,180 tons, of 953 tons. Under the circumstances the total output is up to the average expected at this season of the year. Had not the big mines been obliged to close down as stated the shipments would have easily exceeded the required 5000 tons which is now looked for every week. The Le Roi sent 1792 tons to Northport and did not ship on Friday or Saturday. The War Eagle shipped 143 tons and the Centre Star 713 tons, both outputs going to the Trail smelter. The Iron Mask dispatched six carloads to Trail, or 180 tons. The Evening Star has one carload of 60 tons to its credit and the Virginia got out 20 tons. The combined output of the War Eagle and Centre Star amounted to 2,170, a very creditable showing considering the difficulties at the two mines, which the management have to struggle with at the present time, but which are gradually overcome. The Northport smelter received 1832 tons and the Canadian smelter at Trail 2,376 tons during the week. The total estimated output of Rossland camp for the year to October 14th is put at 129,037.5 tons.

Appended is a detailed statement (approximately) of the camp's output for the week ending October 14th and year to date:

	Week tons.	Year tons.
Le Roi	1,792	70,728
War Eagle	1,457	44,963.5
Iron Mask	186	3,913
Evening Star	60	1,088.5
Deer Park	—	18
Centre Star	713	8,090
Columbia-Kootenay	—	111.5
Virginia	20	80
Mountain Trail	—	20
I. X. L.	—	25
Total	4,228	129,037.5

War Eagle and Centre Star.—The determination of the management of the Centre Star mine to purchase a large steam hoist has been officially announced. The order has been given the Webster Camp and Lane Co., of Ohio. Owing to the immense amount of work on hand, the new hoist will not be installed probably for three months. The decision to use steam in place of electricity is important. It may be taken for granted that the management has well weighed the respective merits of steam and electricity, and their final decision now made public, though doubtless made in the best interests of the property concerned, will be noted with regret by all those who have regarded electricity as the coming power and an advance on steam. After a great deal of trouble and delay the five small compressor plants that have been hurriedly got together to supply power temporarily to both properties, are now nearly complete. The machinery of four of these plants was on the ground yesterday and the fifth will be in place this week. It must be clearly un-

derstood that the erection of the plant is only a temporary measure, carried out to prevent any further delay in either mine. The plans for the permanent plant for the Centre Star have already appeared in detail in these columns. In the War Eagle the temporary hoists in the tunnel station at the 250-foot level are still awaiting the arrival of the skips. In the mean time one side of the big electric hoist is being worked hard to get out the ore. One side of the new compressor has been in use during the past week, but an effort will be made this week to run both sides continuously. Mr. Carl R. Davis, formerly of Butte, Montana, who some time ago was appointed underground superintendent of both mines, arrived yesterday and will assume his duties tomorrow. The office filled by the new appointee is one created by Mr. Kirby, superintendent of the mines. Mr. Davis will have full charge underground, reporting direct to Mr. Kirby. The combined shipments of the mines for the past week totalled 2,170 tons, a very good showing under the circumstances.

Upraising is also in progress from tunnel No. 2 to tunnel No. 1. When this is completed it will give the mine much needed ventilation, and better progress can be made. Three shifts are now working in the upraise and in tunnels one and two, and three shifts will be at work in No. 3 tunnel very shortly, employing in all 24 men. The pay roll next month will be about \$2,500. The shipment of 25 tons of ore to Northport from the mine about a week ago turned out very satisfactory. Forty-five dollars per ton in gold alone was realized. A second shipment has been delayed somewhat by the manager not being able to obtain the necessary sacks. The trouble has been overcome, however, and another shipment will shortly be made.

Evening Star.—On Tuesday, the 10th Oct., the Evening Star mine was closed down and all the men laid off. Some misunderstanding among those who compose the present management of the mine is said to be the reason for stopping work. For nearly two years now the mine has been continuously operated, and this year alone over 1000 tons of ore has been shipped out to the smelter. There is an excellent reserve of ore in sight, and the property was looked upon very favorably by mining men generally when the shut down occurred. It is stated that a re-arrangement of company is expected, and a resumption of work is looked for in the near future.

Josie and Number One.—The new 1900-foot tramway for bringing the ore of the Josie and Number One down to the Great Northern railway level for shipping purposes is being rapidly constructed, and it is expected that it will be completed and in running order in about six weeks' time. It may be taken for granted that both the properties mentioned will be found among the camp's shippers before the close of the year. The management has not made any official statement in the matter, but it may be reasonably looked for shortly.

St. Elmo Consolidated.—The work of installing the new compressor plant at the New St. Elmo has been in progress all week. Meantime work on the crosscut from the tunnel has been continued.

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