# MILLIONS IN SIGHT

**Recent Developments in the Big War Eagle.**

## WILL WORK 250 MEN

**Shipments of 100 Tons Daily May Soon Be Expected—Improvements in Progress at the Trail Smelter—News Notes From the Mines.**

The development of the War Eagle has been going along so quietly and so unobtrusively that only a small portion of the public has any idea of the vast resources that have been disclosed lately in the big mine on Red mountain. That this is so is doubtless largely due due to the fact that the company is making no effort to pay dividends for the present, and shipments of ore are merely nominal, so that there has been nothing to excite popular interest. Nevertheless at least a part of the investing public has suddenly begun to pay keen attention to the property, as is witnessed by the unprecedented rise in War Eagle stock. At the first of the year it was quoted at 90 cents, with little activity even at that price, but with the coming of 1898 the stock began jumping day by day until now it is hard to get at prices ranging from $1.45 to $1.50. An advance of 60 per cent on a high grade stock in three months and a half is without a parallel on the local stock board.

There are now 125 men at work in the War Eagle, and they are operating 10 drills. This is practically the working limit with the present compressor plant, but when the magnificent new plant is installed, which should be by October 1, the force will be increased to 250 men. It is the intention to begin shipments of 200 tons per day to the Trail smelter as soon as the plant is completed, but in the meantime shipments of 100 tons per day will be made, although the precise date when these will commence has not been settled upon.

One of the most remarkable features of the War Eagle has been the recent tremendous gains in the amount of ore in sight. At the time of Manager Hastings' report, of November last, there was $1,105,000 worth of ore in sight. Since then the visible supply has been more than trebled and can now be estimated at somewhat more than $3,500,000.

The great bulk of this astonishing addition to the resources of the mine has been disclosed through the magnificent development in the east 500-foot level and the east 375-foot level. In places along the former level the vein is 50 feet or more in width, and of this 12 feet lying on the foot wall is practically clean ore, averaging $25. The length of the chute is not known, but it has been opened for a distance of 75 feet by a lateral drift off the main 500-foot level. The same chute extends upwards to the east 375-foot level, where it is from 12 to 18 feet wide, and averages the same as at the lower level. This splendid ore body forms perhaps the finest ore reserve in the camp.

The mine has now been opened to a depth of 625 feet, of which 375 feet lying below the 250-foot level is virgin ground, and the only ore removed has been that taken out in drifting. Of the ore lying above the 250-foot level, not more than half has been stoped, yet this half produced about $850,000 gross values.

Work is proceeding without interruption on the task of extending the old winze to the surface, so as to transform it into a main working shaft for the property. A continuous connection has already been made from the surface to the 625-foot level, and in about two months more it will probably be widened out and ready for timbering.

In the east 375-foot level, where the big ore body has been uncovered, the pay chute is in places 18 feet wide, while the drift is only six feet wide, and operations are now in progress knocking down the ore for the full width of the chute, preparatory to timbering in anticipation of stoping.

The east 500-foot level, which is an extension of the Iron Mask tunnel, is now within about 40 feet of the winze.

From the winze to the west end line of the War Eagle is a distance of 600 feet, which has not been touched below the 375-foot level.

### TREAT 500 TONS A DAY.

**Capacity of the Trail Smelter Reverberatories to Be Doubled.**

Operations are in progress at the Trail smelter, tearing down the old reverberatory matting furnaces, which will be replaced by two new blasts, whereby the present capacity of the plant will be doubled.

The two blasts which have been in use have a capacity of 250 tons per day each, but as the reverberatories have never proven successful, one of the blasts is kept busy reducing the matte produced by the other, so that the actual capacity of the plant is only about 250 tons per day.

The installation of the two new furnaces will thus bring the capacity of the smelter up to 500 tons.

As the contract with the War Eagle is only for 200 tons per day, it is evident that the C. P. R. has in view considerable contracts with other properties, to justify it in doubling the capacity of its smelter.

Shipments from the War Eagle are already being made to Trail, and a supply of ore is accummulating, but it is not announced when the smelter will be blown in.

### Miner Map Will Soon Be Ready.

Advices received from Vancouver yesterday indicate that THE MINER's birds-eye view of Rossland will be ready for distribution within the next five days. The map, when the letter concerning it was written, was almost printed, and the copies so far as they were finished, looked artistic, and cannot fail to please those who want a beautiful and artistic picture of the camp and its environments. The making of this map has occupied a great deal of time, and the expense has been large, but it was determined, no matter what the cost, that an article worth the money asked for it should be turned out. The result is said by those who have seen the proof of the map to be more than satisfactory. It is one that will sell on sight. Those who desire copies as soon as it is issued should send in their orders now so as to insure quick delivery. The demand is already large. The price is $1.

### DUTY ON LEAD PRODUCTS.

**That Was the Subject Discussed By the Liberal Association.**

A well attended meeting of the Rossland Liberal association was held Thursday in the office of the West Kootenay Power & Light company. The feature of the meeting was the discussion of the question as to whether it would be politic for the government to place an import duty on lead products. There was an informal discussion, and much interest was shown in what was said. The subject is of so much importance, however, that it was decided it could not be fully threshed out in one meeting. It was claimed, too, by the members that they had not sufficiently informed themselves to fully go into the merits of the question at issue. It was, therefore, decided to adjourn until the 22d inst. On this occasion the members of the Young Men's Liberal club are invited to be present so that they may take part in the discussion.

### Rich Copper Ore.

H. E. Forster, president of the Kamloops Mining & Development company, is in the city from Kamloops. Mr. Forster has just returned from a visit to Golden in East Kootenay, but says that the snow in that country is too deep at present to successfully carry on prospecting and it interferes considerably with mining. Mr. Forster has with him some fine looking specimens of copper ore that came from the Pothook property, which is located a short distance from Kamloops. It carries borenite, gray and native copper. The borenite is of a dark blue color and the rock presents a handsome appearance. One specimen carries native copper in large quantities. In fact, the ore carries from 40 to 50 per cent of copper. This makes the find one of the richest in copper in the country. A shaft is being sunk and the ore so far discovered is in stringers. The property is being operated by an English syndicate. Mr. Forster regards the discovery as of importance to Kamloops, provided a large vein is uncovered.

## BEEF IS DEAR IN KLONDIKE

**Billy Perdue Tells How He Got Meat Into Dawson.**

**Steak Costs From $1 to $1.25 Per Pound—A Hard Road to Travel—Best Claims Are Taken.**

William Perdue, in a recent interview, gave the following account of his trip to the Klondike region. He left here for the Klondike in August of last year, and returned a couple of weeks since to the Kootenay country, but has spent most of the time since his return in Nelson.

He left Dawson on the 9th of February, and reached Dyea 24 days later. He came through with a team of dogs, which cost him in Dawson City the neat little sum of $1,350. Mr. Perdue, it will be remembered, took up with him a herd of 76 head of beef cattle, destined for the Klondike market. He started with them from Calgary, and went by the way of the C. P. R. to Vancouver, and by steamer from there to a point near Haine's Mission. From there he drove them overland by way of the famous Dalton trail, until he reached the Lewis river, thence down that river to the Yukon. This carried him beyond the dangerous White Horse rapids, and from here down to Dawson navigation, barring the perils of floating ice, is comparatively safe. In making the overland trip, which extended over a distance of 280 miles, he lost, as a result of casualties, 20 of his herd. Whenever an animal strayed from the drove it was lost, as it was impracticable to delay the journey to go in search of it.

At the mouth of Lewis river Mr. Perdue killed his cattle, and, after packing a part of them away under boughs and ice and snow, he loaded the balance, consisting of 38-head, upon a raft, and started down the river midst a sea of floating ice, on his perilous journey to the land of the "Golden Fleece." Upon reaching Dawson he was unable, on account of the great quantity of floating ice in the river, to effect a landing, and was carried some 24 miles further down the stream before he succeeded, by mere dint of luck, in reaching the shore. To get the cargo taken back to Dawson cost him $3,000, which, by the way, is considered a very insignificant amount, from a Klondike standpoint.

The price realized on the beef was from $1 to $1.25 per pound. One man who gave a dance shortly after Mr. Perdue arrived paid him $225 for one hind quarter.

As to the chances offered for making money in the mining business up there at present, Mr. Perdue speaks very discouragingly. That there are a few properties of fabulous value he does not deny, but all the paying mines have long since been taken up, and are now held at enormous figures. But by far the greater number of the locations are mere prospects, and can be bought at almost any price. Mr. Perdue said he could have brought down a cart load of paper representing interests in properties up there, but he did not consider them worth paying freight on. He says that almost any wild cat prospect in this country offers as good inducements to investors as the great majority of the so-called properties in the Klondike country. He discourages the idea of anyone's going there at present with the hope of getting employment. He says that everything has been entirely overdone, and that there are thousands of men on the ground waiting for something to do.

### WAR BULLETINS.

**Large Throngs in Front of The Miner Reading the News.**

A crowd that often stretched out into the street stood in front of THE MINER office all day Saturday and up to midnight, eagerly reading the bulletins on the war situation. At several other places in town bulletins were posted, but the crowd pinned its faith on THE MINER, and the throng here was continuous.

In connection with its own excellent telegraphic service, which supplied bulletins all through the evening, THE MINER is under obligations to S. H. Roach, the manager of the Vernon & Nelson Telephone company, through whose courtesy a number of important bulletins were received during the afternoon. The telephone company, during the present excitement, is posting bulletins at its office every afternoon and morning.

# IRON MASK STRIKE

**A Nine-Foot Ledge Found in the West End of the Main Tunnel.**

## THREE FEET OF PAY ORE

**Progress of the Work on the Great Western—Work Continuing in a Good Ledge of Ore, and the Property Is in Promising Shape.**

Another good strike has been made in the Iron Mask, and that prosperous property is looking better than ever. The new discovery was made Thursday afternoon in the west end of the main tunnel level, and the ledge is about nine feet wide. Of this about three feet is a highly promising body of ore, and it is certain to give good values, although assays have not yet been received. The pay chute is the standard pyrrhotite and chalcopyrite found in the best grade ore all over the mine.

The strike is really a continuation of the lead that had been worked under the old management of the mine, but a fault came in, which resulted in the loss of the ore, and although some exploratory work was done the lead could not be recovered.

A few days ago S. F. Hall, the present superintendent of the mine, set a small crew at work in quest of the ledge, and Thursday afternoon they broke through the fault into the vein. The new strike promises well.

Thirty men are at work in the mine, which is about the limit that can be employed under the present circumstances, as the mine gets its power from the War Eagle, and is using all the compressed air that the latter company will spare.

The shipments this week will amount to 90 tons, all of which goes to Northport. Considerable ore is being raised from the winze being sunk from the 250-foot level, where the pay chute is about three feet wide, and is returning some excellent values. The rest of the shipments is coming from the ore reserves all over the property.

A new gravity chute has been arranged for carrying away the waste from the sorting tables, and Centre Star creek has been timbered over so that the refuse can be dumped direct into the gulch without stopping the flow of the stream.

### Work on the Great Western.

The shaft on the Great Western has reached the 100-foot level, and the ledge continues to show a good body of ore, with very satisfactory values. The property has never looked better.

The shaft, which is of the double compartment variety, is being sunk 8 x 12 feet in the clear, outside of the timbers. Each compartment is 4½ x 5 feet inside.

The shaft has been thoroughly straightened out, and Superintendent Moynahan is now at work steadily sinking and timbering. Although it was given out that the old company owning the Great Western had driven the shaft to the 125-foot level, yet as a matter of fact only the 72-foot station was reached. Since the B. A. C. took charge, the shaft, besides being thoroughly repaired, has been sunk practically 30 feet.

The only draw-back at present is the lack of power for drills. At present they are being operated by steam, but the boiler capacity is hardly more than enough to work the pump and the hoist, so that the drills are hampered for motive power.

### The Strike in the Jumbo.

The strike in the Jumbo, reported in THE MINER Friday, is proving to be of considerable importance, and it is believed that the big ore chute that was met in the upper level has been at last encountered.

The full face of the drift is in ore, and an average assay of the breast of the workings went $113 in gold.

The tunnel is now in about 800 feet.

### The Pug to Be Sold.

The Pug, owned by the Columbia & Ontario Gold Mining company, located near Waneta on the Nelson & Fort Sheppard railway, will be sold at the office of the sub-registrar of the supreme court at Rossland next Saturday morning at 11 o'clock, to satisfy judgments of $1,942.22 and costs secured against the company by J. B. Miller, formerly the superintendent of the property. The sale is the latest of a long succession of troubles experienced by the company, including financial difficulties, judgments and the jumping of the property.

### Ellershausen Zinc-Lead Sulphide Process.

The Sulphide Reduction New Process company, limited, an English corporation, is now erecting works at Llanelly, South Wales, where the Ellershausen process for reducing zinc-lead sulphides will be used. Briefly, the process is as follows: The sulphides of zinc and lead are roasted at a white heat in reverberatory furnace, with oxide of iron and lime and small coal. The lead and zinc come off as fume and the sulphurous acid comes off as well. These mixed gases and fumes are induced through water by a fan. The lead is condensed as oxide and sulphate, while the zinc as sulphate passes into solution. Some of the silver goes over with the lead, but most of it stays in the slag. The lead compounds are put back in the furnace, and the resulting mixture of slag and lead compounds is run off, afterwards to be treated as an ordinary lead ore. The zinc solution may be treated in any desired way, but Ellershausen prefers to treat it with sulphide of soda, thus forming a white suldhide of zinc, which can be treated for the metal in the usual way. This treatment with sulphide of soda and its subsequent recovery is described in Lunge's book on "Alkali Manufacture." The whole point of the process is the separation of the zinc and lead fumes by solution. The lead compounds of a previous charge are added to the slag, as the compounds have to be dried.

The furnaces on a working scale are near completion, and when practical results are obtained with them a large public company is to be floated.

Subscribe for the WEEKLY MINER; $2 per year; foreign subscribers, $3.

### AN AMERICAN CONSUL.

**An Effort Being Made to Have One Created For Rossland.**

An effort is being made to have an American consul placed at Rossland, instead of a consular agent, as at present. The change would be of considerable benefit to the town. N. A. Burritt is spoken of as a possible incumbent of the office in case it is created, and his friends are making a strong effort to secure the creation of the position and his appointment to it. There is at present a consular agent here in the person of Fred Blockberger.

### Goldsmith-Lacy.

There was a pleasant wedding at the Central hotel Saturday, when George Goldsmith and Mrs. C. Lacy were united in marriage by the Rev. H. Irwin. About 25 friends of the bridal couple were present. Miss Mamie McGuire escorted the bride, and Smith Curtis acted as best man. Mr. and Mrs. Goldsmith expect to make their home in Rossland. The groom is a well known prospector, and has a number of properties in the Slocan. He is one of the heavy holders in the Lardeau-Goldsmith company.

### Over the Dewdney Trail.

A letter received from "Father Pat" Irwin, dated at Cascade City says that four Chinamen walked over the Dewdney trail without snowshoes from here to Cascade last Sunday and Monday. Sunday they got to Big Sheep creek and Monday they traveled over the range into Cascade City. There was 10 feet of snow on the summit, but they managed to get across on the crust.

### A Self-Made Man.

LONDON, April 14.—Lord Strathcona, Canadian high commissioner, in addressing a party of emigrants destined for Canada, at Euton station yesterday, cited the late Hon. Alex. Mackenzie, ex-premier of the Dominion, as an example of a self-made man.


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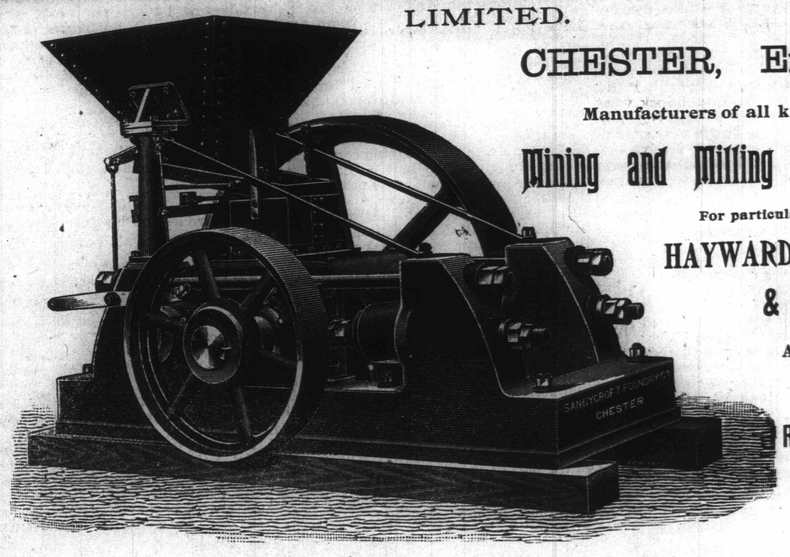


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