

# MINES AND MINING IN THE NORTHWEST

EDITED BY  
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## MONEY CAME BACK

### BRYANT'S MACHINE GAVE THE ORE SHOOT AN UPPER CUT.

### M'CARTHY THREW UP SPONGE

Larger Apparatus Being Made for Use in the Moose Creek District—It Will Not Work in Cold Climate.

Attorney Thomas C. McGrath, Jerry McCarthy and John Bryant returned yesterday from Rochester, where they went a few days ago for the purpose of examining two mining claims owned by the former in that vicinity. Mr. Bryant is the man who has an arrangement for locating gold and silver bearing ore bodies. It consists of a bottle containing liquid with which there is a four-foot copper wire connection.

Before starting for the property Bryant dropped \$100 into the hands of McCarthy and told him if the machine failed to locate the pay shoot he would let McCarthy keep the money; otherwise he would relieve him of it.

When the men reached one of the claims Bryant unlimbered his battery and wrapped the free end of the wire around his right hand. The bottle at once began to swing in the direction of the shaft 900 feet away. McCarthy wanted the \$100; so he took the machine from Bryant for fear the latter might grow weary carrying it. But the bottle would not remain quiet. It bobbed over towards the course of the vein, pulling McCarthy along as though he were a subject of hypnotic influence. In its own silent way it escorted McCarthy to the shaft and down into the darkness, switching him to a point near the face where it extended an upper cut and landed on a spot where the ore body was exposed. McCarthy smiled and handed Bryant the \$100.

"I'll bet \$1,000 on the machine," said McGrath after returning to Butte. "It is wonderful. It not only pointed out the ore to McCarthy, who had never been to the property before, but measured the vein for him—giving it a width of eight feet.

The machine will not work in cold weather, as the moisture freezes on the surface of the ground and prevents the current from penetrating the earth. Nor will it locate copper or any other metal save gold or silver unless the ore carries a larger percentage of the two latter

metals than other mineral. A California company wanted to buy Bryant's patent with a view to taking it off the market, but Bryant refused to sell. He is going to California before cold weather sets in, however, as he believes the field there is better for winter operation. We have arranged with him to make a larger machine for the purpose of testing it in the Moose Creek district from which about 20,000,000 in placer gold has been taken without its quartz source having been discovered. The larger machine will cost about \$150, but I believe it will find the ore if there is any ore there."

## WILL CYANIDE SUNRISE ORE

Madden & Sullivan Are Building a Plant on the Property—An Old Mine.

The Helena Record says that a cyanide plant is being erected by Madden & Sullivan upon the Sunrise mine on Weazel gulch, near the East Pacific mine, about twenty miles east of Helena. It will consist of rolls, amalgamating tables and cyanide tanks. Two carloads of machinery have been received at Winston and are being hauled to the mine.

The Sunrise is the oldest property in the Winston district, having been worked first in the '70s by Small & Rogers, who still own it. It is developed by one 400-foot tunnel and several shorter tunnels. In the early days it had an arastra and considerable money was taken out of it. This is the latest addition to the long list of old properties that are being reopened and worked in the country tributary to this city.

## MOISTURE IN THE KENWOOD

Helena Need Not Go Dry Now—Struck at a Depth of 280 Feet.

The long-looked-for water level has been struck at last in the Clark shaft at Kenwood and two or three weeks will probably determine the value of the mineral belt in the western suburbs of Helena, says the Helena Record.

Water was struck Wednesday night at a depth of 280 feet in the shaft, which is going down vertically between the two veins. There is still some doubt whether it is a permanent surface water. From its direction, however, it is believed to come from the south vein. This doubt will be solved by sinking to a depth of 300 feet, which is being done.

When that depth is reached, crosscuts will be made north and south to the two veins showing on the surface. At what distance they will be struck is problematical, as they do not appear to keep the same pitch as they had on the surface.

## GOLD FOUND NEAR THE FALLS

### Stampede for the Scene of the Alleged Discovery Now In Progress.

According to the mysterious whispers which have been going over the city for the past 24 hours, and from people who live in the vicinity, it would seem that a gold field equaling some of those of the Klondike country lies almost at the door of Great Falls, says the Great Falls Leader.

The lucky man who made the first discovery and who is said to have several fortunes in sight is none other than ex-Alderman R. E. Molt, of the Second ward. Several of the men who know of the find are in the city, among them being Messrs. Anthony and W. Warner, the latter a rancher, from Upper Sand Coulee, and from the stories told there seems no doubt but that the find is a valuable one. It was made by Mr. Molt two weeks ago, and has been kept very quiet ever since that time. The find lies 30 miles south of Great Falls and three miles up the coulee from the postoffice of Evans, and is directly across the mountain from the mines of Tyler and others of Logging creek. The strike was made high up the mountain side and just below the great rimrock of sand stone which caps the country at that place. According to the samples which have been brought in, the find is something on the cyanide gold order, though Mr. Molt is said to have taken out a considerable amount of gold in sluice boxes by running the dirt direct taken out through the usual placer process. Samples of the ore brought to the city show considerable free gold and runs from eight to thirty dollars in gold. The lead is said to be in the nature of a hillside of ore and thousands of tons lie upon the surface only waiting to be shipped. The dirt which lies about is said to pay amply for the washing as a placer proposition, and if the stories told are one-third true, Mr. Molt has a fortune and the district is a rich one. Mr. Molt has secured all of the water rights in the immediate neighborhood by the locating of several of the springs there, and has had several men busy mining and digging ditches during the past ten days. That there was gold in the vicinity has been known for a number of years past, Frank Pottle having worked in that vicinity as far back as 1885, but owing to the difficulty of securing water he gave the place up. Three years ago old man Tague and Jim Urrier, located the ground, but failed to work it and allowed it to lapse and it has remained for Mr. Molt to be the lucky owner. For several days past there have been people leaving for the new field and the country is already taken up for a mile square; half a dozen men, among them A. R. Calvert and County Auditor Carr, left for the mines yesterday and Jim Parker, Pat Mullen and at least a dozen others left for there today, and tomorrow there will be something in the nature of an old-time stampede. Several business men are preparing to leave sometime during the night, and from one wholesale liquor house in the city there will be four people leave some time within eight hours. The air of mystery which those having knowledge of the find, have preserved, has added greatly to the excitement, and the specimens exhibited together with the nearness of the gold fields, and the showing which Molt has made, will not doubt cause hundreds of gold seekers to race for Upper Sand Coulee inside of another 48 hours.

Seven years ago there was a stampede for nearly the same grounds, and the old Barker gang of miners who used to keep things lively while that camp was in her bloom, located nearly all of the country. It was upon this stampede that "Mickey, the Mike," made his famous sale and accomplished the feat of drinking a saloon out of existence. Micky was short of cash and long on thirst and one day managed to get hold of a number of pieces of beautiful gold specimens of quartz from a friend who had worked in the York district.

There was a little shack of a saloon which had followed the stampede, and the morning after Micky got the specimens he drifted into the saloon in a very drunken condition, and after many mysterious allusions to sudden wealth, accepted of the booze of the saloon man to such an extent that he opened up his heart and showed the specimens, together with a location notice which stated that Micky was the possessor of a certain claim. The saloon man thought he had a good thing and after filling Micky to the brim managed to get the claim for \$300 and all the whiskey that Micky could drink for the day. Micky got the money and he and his friends stayed at the saloon until they drank every drop of liquor the saloon man had, and left him a broken community. Of course the mine was nowhere on earth, and the saloon man left the country in disgust, and Micky was the only one who made money out of the entire stampede.

mine in the vicinity of Springhill, was in the city today and stated that a well-defined lead had at last been discovered. He and the other members of the firm have run a tunnel 190 feet and have just disclosed a vein about twenty feet wide, with indications that there is an immense quantity of ore in the mine.

Mr. Wilcox brought some of the ore with him and says he has sent some to Butte to be assayed.

The ore appears to carry copper in large quantities and, if the body of the vein is as rich as the specimen shown by Mr. Wilcox, there is every reason to believe Corby canyon near Springhill will have a mining camp near it.

## TEN CARLOADS OF RICH ORE

### It Was 40 Per Cent Copper—Value of the Lot About \$30,000.

Salt Lake, Aug. 31.—Returns from the most phenomenal shipment of copper ore that ever reached the Salt Lake market was received yesterday by A. B. Lewis, president of the Majestic and other mining companies in Beaver county. The entire lot of ten cars, or 253 tons, went 40 per cent copper, \$4 gold and 7.6 ounces silver. Mining men generally, from the most experienced to the veriest tyro, threw up their hands in speechless astonishment when they heard the news.

Reduced to figures so that the layman can understand, it may be stated that the shipment contained 202,470 pounds of copper, \$1,130 worth of gold and 1951 ounces of silver of a value of \$8 3-8 cents per ounce. The total value of the shipment, Mr. Lewis says, is upwards of \$30,000, or more than \$10 per ton.

## Will Be Given a Test.

The mill built by the late A. M. Esler on the property of the Michigan & Montana Copper company on the Blackfoot ceded strip will be started about Sept. 1 for a test run of thirty days on the ore being mined from the Cracker tunnel, says the Helena Record. If it is found to work well, it will then be equipped with water power instead of steam power, which is now used. There is abundant power in Canyon creek, on which the mill is built, and this may be used in summer, at least, steam being reserved for winter when the streams freeze up.

## No Questions Will Be Asked and \$400 Reward

Will be paid for the return to this office of a diamond sunburst pin, lost between the corner of Granite and Wyoming streets and the Thornton hotel, or in said hotel, about 7 p. m., August 8, 1901.

## NOTICE.

Notice is hereby given that the city council of the city of Butte has passed Council Resolution No. 364, a resolution declaring the intention of the city council of the city of Butte to construct a district sewer or sanitary purposes on Maryland avenue, from Iron street to Front street in the city of Butte.

The boundaries of the district to be affected is that portion of Maryland avenue from Iron street to Front street and the estimated cost of constructing said sewer is one dollar and twenty cents (\$1.20) per linear foot and the property abutting or bordering on the district above described is the property to be taxed for the expense of making the same.

The resolution for making said improvement is entered upon the journal of the city council, to which reference is made for a further description of the boundaries to be affected or benefited by said improvement.

The time for hearing objections to the making of said improvement was fixed by the said resolution as the 4th day of September, A. D. 1901, at 8 o'clock p. m., at the council chambers in the city hall.

W. K. QUARLES, City Clerk.

Dated August 29, 1901.

## NOTICE.

Notice is hereby given that the city council of the city of Butte has passed Council Resolution No. 365, a resolution declaring the intention of the city council of the city of Butte to grade Gallatin street from Warren avenue to the east line of Walker avenue in the city of Butte.

The estimated cost of making said improvement is approximately fifty (50) cents per linear foot of the property bordering on said street and assessable to pay the cost thereof. The resolution for making said improvement is entered upon the journal of the city council, to which reference is made for a further description of the boundaries to be affected or benefited by said improvement.

The time for hearing objections to the making of said improvement was fixed by the said resolution as the 4th day of September, A. D. 1901, at 8 o'clock p. m., at the council chambers in the city hall.

W. K. QUARLES, City Clerk.

Dated August 29, 1901.

## NOTICE.

Notice is hereby given that the city council of the city of Butte has passed Council Resolution No. 366, a resolution levying a special tax and assessment upon lots and property situated in sprinkling districts number one (1) and two (2) of the city of Butte, for the purpose of paying for and defraying the cost and expense of sprinkling the streets in said district for the year 1901.

The said resolution was duly passed by the city council of the city of Butte at its regular meeting held on the 21st day of August, A. D. 1901, and is now on file in the office of the city clerk of said city and is subject to inspection for a period of five (5) days.

Objections to the final adoption of said resolution will be heard by the city council of the city of Butte at the council chambers in the city hall, at its meeting, which convenes on Wednesday, September, 4th, A. D. 1901, at 8 o'clock p. m.

W. K. QUARLES, City Clerk.

Dated August 29, 1901.

## Montana State School of Mines.

The second school year of this institution will open Sept. 18, 1901. Important additions are now being made to its cabinets and equipment. Four year

courses are offered in mining and in electrical engineering. Tuition free to residents of Montana. For further information call on or address N. R. Leonard, President, Butte, Montana.

LAST EXCURSION.  
The Oregon Short Line will operate

only two more special trains this season to Dillon and the Big Hole, leaving Butte at 8:30 a. m., Sunday, September 1, and Labor day, September 2.

Dillon and return... \$1.00  
Dillon and return... 1.50  
A day on the Big Hole river is certainly delightful.

## THIS WEEK IT'S IRON BEDSTEADS

A large and varied stock of the most desirable, prettiest and strongest to be had. Metal bedsteads, a hundred styles to choose from, at prices to close out our entire stock this week. It is a big undertaking, and nothing short of a big reduction in prices will accomplish it. Knowing this, we have made prices that we guarantee to cover the best values ever sold in Butte. HERE ARE A FEW EXAMPLES.

**No. 0128 Iron Bed**  
Stands 4 feet high, is 4 feet 6 inches wide, made in scroll design, with 1 1/4 inch pillars. It is a full \$4.50 value. Sale price ..... **\$3.00**

**No. 1929 Iron Bed**  
Is 4 feet 6 inches wide, has straight foot and high head, heavy pillars and is strongly braced. A full \$5.50 value. Sale price ..... **\$3.30**

**No. 0142 Iron Bed**  
Comes in two widths, 4 feet 6 inches and 3 feet 6 inches; they stand 5 feet in height, have three coat ivory enamel finish and are decorated with heavy gilt knobs. Full \$6.50 value. Sale price ..... **\$4.25**

**No. 0137 Iron Bed**  
Is full width, stands 5 feet 3 inches high, has small foot board, reversible rails and dainty gilt ornaments. A full \$11.50 value. Sale price.. **\$8.00**

**No. 359 Iron Bed**  
This bed stands extra high, 5 feet 9 inches; has fancy brass rail across and foot, 3/4 scroll filling and straight foot. A full \$15 value. Sale price ..... **\$10.25**

**No. 517 Iron Bed**  
Stands 6 feet high, weighs 170 pounds, has large, solid pillars, new style, half circle head and foot board. A full \$13.50 value. Sale price.... **\$11.00**

**No. 15 Iron Bed**  
Is enameled in green, has highly polished knobs of brass, is 4 feet 5 inches wide and 6 feet high, has stylish scroll center. A full \$23 value. Sale price ..... **\$18.00**

**No. 379 Iron Bed**  
Black enameled, 4 feet 6 inches wide, elegant brass ornamented head and foot, fancy shape and unique design. A full \$18.00 value. Sale price ..... **\$12.00**

## Brownfield-Canty Carpet Co

HAVE YOUR CHILDREN'S TEETH FIXED NOW While Summer Prices Prevail

I shall fix children's teeth at the reduced rate up to September 10, provided they start in before September 1. You should not neglect your children's teeth, important for health as well as looks.

## Dr. E. E. German

114 1/2 North Main Street

## The Connell Store

Striking Novelty In Men's Shirts

Entirely different from what you have seen before - They are made of finest light weight French Flannel in beautiful Scotch and French plaids - Elegant range of colorings - To be worn with white collar and Cuffs.

## M. J. Connell Company

**PRICES GO UP.**

**McQUEEN Addition.** City water mains being extended on this addition. Prices raise as soon as this is done. A lot for \$150.00. \$30 cash; balance \$10.00 a month.

**THE THOMPSON CO. Fire Insurance, Loans**  
15 West Broadway.

**12 1/2 C Cigar**  
The "J. B." Union Label  
**Only 5 Cts.**  
Eagle Pharmacy Main Street, One Door South of Park St., Butte

You won't be sick a moment with pneumonia or cold if, on first symptoms, you use **Golden C Cure**

Your outing will be a great pleasure if you record the scene with one of those celebrated **Premo Cameras**

**Fosselman Drug Store, 43 E. Park**

**Studebaker WAGONS** And Road Vehicles are the Best Made. The U. S. government uses Studebaker Wagons for all army transportation. Carriages, Buggies, Road Wagons, all built with the same view to substantialness and beauty.

**Western Wagon & Grain Co.,** 649 South Arizona Street Butte, Mont.

## LEEHEY AN EXPERT ON MINES

He Says the Ore of Prince of Wales Island Will Assay 55 Per Cent Copper.

According to the Seattle Standard, M. D. Leehy, formerly a teacher in the public schools of this city and later a lawyer, has branched out as an expert on mines. He has just returned from a trip to Alaska and of that trip the Standard says:

"Attorney M. D. Leehy is back from Prince of Wales Island, where he went in the interest of a mining company. He says that the outlook for copper mining in that district is exceptionally fine, and if the leads attain depth there will be copper in vast quantities uncovered there. The ore runs 55 per cent copper, and the leads are immense. It is a quarrying proposition."

## COPPER IN CORBY CANYON

Some of the Ore Is Being Assayed in This City—Vein Said to Be Wide.

A special from Bozeman to the Helena Record says that Mr. Wilcox, one of the members of the mining firm of Walker & Badgley, who are developing a copper