

RICH BADGER MINE.**Knocks Rock From Gold and Ships to the Mint.**

Dr. Brock returned several days since from a trip to Susanville. While in that district he was shown through the Badger. He says the mine is a wonderfully rich one; the ledge a most remarkable formation. There is eight feet of ore that carries from \$40 to \$50; about two feet of which goes from \$75 to \$100, on one side of which is a rich streak, from two to four inches wide, of free gold that carries values up into the thousands.

All except this narrow streak is a smelting ore. He brought back a sample with him; a small chunk of "gray copper" that assays about \$900 in gold. The ore is shipped to San Francisco for treatment, and nothing less than hundred dollar rock can be handled with profit. Much of it is concentrated with hand jiggers, which reduces the bulk three or four into one.

In the free gold ore, frequently nuggets of pure gold are found, from which the quartz is knock off and the metal is sent direct to the mint.

The road from Austin to Susanville is about impassable, even at this season of the year, and it is impossible to haul heavy loads over it. This, of course, renders the shipment of ore very expensive. The management of the Badger mine is now arranging to haul to Pendleton, 80 miles to the north, instead of to Sumpter, only half that distance, as heretofore. The business men of this town would seem to be inexcusably blind to their own interests, hopelessly lacking in enterprise, to permit this profitable trade to be taken away from them, merely because a wagon road needs repairing.

Regarding this matter of Susanville district transferring its trade to Pendleton, the Ukiah Sentinel says:

Susanville business men and mine operators want to come this way to do their freighting and haul their ore to market. And in order to do this there must be a better road from the Grant county line to that camp. They are ready and willing to build part of the necessary road if the business men of Pendleton will help to build the remainder.

The superintendent of the Badger mine will be in Ukiah soon on his way to Pendleton to lay the matter before the board of trade of that city. It is thought that an appropriation can be secured from the Grant county court, which, together with private donations, would insure a good road.

The route of the proposed new road is up Desolation creek from the old site of the Isaacs sawmill, on the North Fork, thence over the divide and across the head of Big creek to the head of Elk creek and down Elk creek to Susanville.

It is said that a good road can be made on this route for a comparatively small sum. Owing to its being sheltered by high mountains most of the way, it would be easily kept open for travel all winter.

The business men of Ukiah should help the road in every way possible, for if it is built it will mean a great deal for this town as well as Pendleton. It will open up an entirely new market for dairy products, baled hay, shingles, groceries and provisions of all kinds, besides bringing an enormous travel this way, which now goes to Baker City.

Heppner business men are already taking steps toward securing the Susanville trade for that town. It is proposed to extend the contemplated new road between Heppner and Ritter on to

Susanville, thus making a direct wagon road from there to the railroad at Heppner.

If Pendleton wants the Susanville trade to come this way, now is the time to "get a move on." If it once gets started this way, it will come this way for all time.

Making Money Cyaniding Tailings.

A Rapid City, South Dakota, special says: Howell Clevenger, of this city, has made his last clean-up from his little cyanide plant, which is located near the State School of Mines building in the eastern part of this city. He is a graduate of this institution, and there learned that cyanide of potassium has a great affinity for gold and silver. Near the school buildings is the old chlorination works, around which accumulated several thousand tons of tailings of ore that had been treated in the plant by the chlorinating process, the values being only partly saved. Clevenger made tests on these tailings, and found that they contained from \$6 to \$8 per ton in gold and silver, and he also found that he could save a large percentage of both metals by the cyanide process. It is stated that his father advanced \$1000 for cyanide tanks and the necessary paraphernalia for a plant to treat the ore in. He built last summer a small plant, and before cold weather he had cleaned up over \$1500. This summer he has kept his little plant in constant operation, and his last clean-up made him a total for the summer's run of something over \$5000. He will move his little plant to another place this summer and will work over old tailings from other mills. Clevenger is a son of Rev. G. S. Clevenger, a well-known Baptist minister, who at one time preached at Vernillion, Pierre and other cities in this state. The father is at present a missionary in the Klondike country. It is estimated that the son will clean up about \$5000 above expenses on his undertakings.

Gold Mines and Wheels in His Head.

Jack Clark made his last prospect about three weeks ago. Jack Clark went into the John Day country, in Grant county, eastern Oregon, about 20 years ago. He was a visionary fellow, at best, but after he became a morphine fiend he acted something like E. S. McComas, of La Grande—had gold mines in his head. Fifteen years ago he killed his brother in a dispute over the settlement of his father's estate in California, but was acquitted on the ground of self-defense. Dying in Butte, the other day, he asked for and was given his last dose of morphine. Under its influence he told his friends where to find a mountain of gold near Texas bar, Oregon, and they drew maps from his description. Jack Clark's beneficiaries lost no time in getting to Texas bar. After they had traveled around mysteriously for awhile they grew communicative enough to ask a few questions. They soon learned that they belonged to the numerous class of Clark's dupes. They sold their entire camp equipment for 75 cents and started home. In his day Jack Clark had brought to his "mines" parties from San Francisco, Portland, Spokane, Salt Lake and Denver. He became a well-known character, but found new victims in every community.—Pacific Miner.

How to Retort Amalgam.

To retort a small piece of amalgam, say the size of a pecan, take a large potato, slice in two, cut out a cavity large enough to hold the amalgam. Wire the two pieces together and bake in a fire or oven. Burn the potato somewhat, and, of course, turn it once in a while, taking care to keep the cut horizontal. Open the potato and the cavity will retain the spongy gold, which can be melted down in a forge.—Oregon Mining Journal.

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