

RICH ORE IN STANDARD

Body of Cobalt-Gold That Carries Over Three Hundred Dollars to The Ton.

Dr. Ed W. Mueller, manager of the Standard Consolidated Gold Mines, returned from the property in the Quartzburg district last night, with samples of gold-cobalt ore from the face of the main Standard tunnel that will go \$300 and probably better. Dr. Mueller brought in with him about 200 pounds of rock, 150 pounds of which was a solid slab of gold cobalt from the face mentioned. The assay for gold alone at the mine ran \$80, and there is at a low estimate fifteen per cent of cobalt, which will bring the value up to fully \$300. It is very pretty ore, probably as fine specimens of cobalt as have ever been exhibited in Sumpter.

There is something over a foot of this high grade ore in the main tunnel of the Standard, Dr. Mueller says, but it is flanked on both sides by a good body of lower grade ore.

Development work, Dr. Mueller says, is being pushed in three faces, the best showing of which is the one already mentioned. The others, however, are satisfactory. They are the Cleveland drift, cutting the main tunnel at an angle of about thirty-five degrees east of north, and what is known as the porphyry drift, paralleling the Standard.

It is rumored in the Quartzburg district, Dr. Mueller says, that the Copperopolis is soon to install a 100-ton concentrating plant. He heard no details, however, concerning the improvement. The roads to Quartzburg, the Standard man says, are rapidly getting in fine condition. At present there are only a few soft places, and there is practically now no obstacle to travel.

MOLYBDENITE AT THE RED CHIEF

A molybdenite strike has been made at the Red Chief in the Cable Cove district. W. N. Gardner, superintendent of the property, was in town today on his way to visit his home at North Powder, and exhibited a specimen of the ore. He has had it assayed and it is molybdenite beyond any question.

It is a very rare form of molybdenum and found in only a few localities in the United States. Mr. Gardner says the ore was encountered in the main drift of the mine 750 feet from the mouth of the tunnel. It is scattered through the quartz, occurring in small kidneys. The sample he had with him showed the molybdenite in a quartz matrix. The entire piece probably would not weigh over an ounce, and at least twenty per cent of it was molybdenite. Mr. Gardner has not been able to for a any estimate of quantity in which the metal occurs, since it is not deposited in any well defined vein but scattered throughout the

quartz encountered in the drift.

Molybdenum is one of the rarer metals found chiefly in yellow lead ore, or wulfenite, and molybdenite. It belongs to the chromium group, is fused with difficulty and insoluble in most acids except nitric. When reduced it presents a silverish appearance. Molybdenite, the variety of ore from the Red Chief, occurs in foliated scales or masses, of a leadish gray appearance somewhat resembling graphite in its crystallization. The similarity of color and crystallization, in fact, led to a confusion of the two minerals for years. The differentiation was established by Sheele in 1778, when he proved the difference by showing that molybdenite yields a white earth by oxidation.

PORTLAND COMMENT ON THAT RED BOY DEAL

As an exhibition of dense ignorance, this from the Portland Telegram, following the telegraphed announcement of the judicial sale of the Red Boy mine, is the prize winner. The Telegram says:

"That further litigation will follow the purchase of the Red Boy mine by Chicago stockholders, is the opinion of Portland residents who hold interests in the company. It is claimed the passing of the Red Boy into the hands where it now rests, will mean reorganization under management not entirely desirable to the Philadelphia persons interested, with whom some of the Portland stockholders are allied.

"Local stockholders of the Red Boy claim that the sale to anyone outside of J. G. English, of Philadelphia, who has been in Baker City for the last week in the interest of the stockholders of that city will mean a complete re organization of the company. Should this be done it will mean the loss to the smaller stockholders of the amount of money they have invested. There are many such in Portland and Salem. Many of them censure J. H. Robbins and James A. Howard, the former being a heavy stockholder and the latter the secretary until about a year ago, inasmuch as they sold a great amount of their private stock when the stock for development was on the market."

In the first place, J. G. English is not from Philadelphia, and was acting independently of the Philadelphia stockholders, until they joined forces with him, in a reorganization deal. The Philadelphia people bought their stock from Benson, a Portland man, who sold at a high price while treasury stock was being offered and caused the trouble which the company has experienced. He refused to contribute any money towards paying off the indebtedness, and will lose what he has left, unless he pungles quick.

J. G. English, who received his stock in payment for the Gloconda, is reported to have furnished \$35,000 of the \$80,000 paid for the property at the sale. This is much more than his proportion, and it is reported here that he advanced J. E. Godfrey's share.

J. A. Howard is in no way responsible for the Red Boy's financial difficulty. He is both a creditor of and a stockholder in the company and put up his share of the money to buy in the mine and save it for the stockholders who care to protect themselves, at the nominal cost of less than three cents a share.

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