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Yaba Copper Company

DISTRICT: Cherry Creek
OWNERS: Yaba Copper Co. Inc.
LOCATION: About 6 miles East of Humboldt. 16 miles by road
via Cherry Creek and Franco-American roads.
DATE VISITED: Sept. 19, 1923. H. S. McKnight.

NOTES:

The property consists of seven full sized claims held by location. There are several good houses on the property including engine and hoist house and blacksmith shop.

There is installed one 75 H. P. Chicago Pneumatic hothead compressor having a capacity of 300 cu. ft. per minute. Valued at \$4,800.00 There is also one 25 H. P. Foss gasoline hoist valued at \$2,700.00

The country rock is a coarse grained diorite. The main vein or mineralized zone consists of metamorphosed diorite or schist and quartzite. The width of the vein varies from about twenty feet to one hundred feet or more. It strikes E - W and has a dip toward the north at almost 90 degrees. The vein is iron stained and in most places is well leached. This outcrop is said to carry from 2 - 3 dollars in gold and silver.

There are a number of quartz filled fissure veins striking almost at right angles to the main vein and cutting the diorite. These cross veins are mineralized and show copper stains and sulphides in places. They also carry high values in silver, and gold in some places. A specimen taken from one of these cross veins at the intersection with the main vein ran:

Au = 1.13 oz. Ag = 137.70 Cu = 1.01%

A shipment of a few tons of ore from the same locality in 1918 gave the following returns:

Au = 0.30 Ag = 58.3 Cu = 0.48 Insol. = 86.4
Fe = 3.7 CaO = 0.7 S = Tr.

The walls of these cross veins are generally schistose and show considerable leaching action.

The seven claims held by the company cover 4500 ft. of the main vein. A 220 ft. inclined shaft at the intersection of one of

the principal cross veins with the main vein failed to pass through the oxidized and leached zone, according to Mr. A. J. Carroll. At present this shaft is inaccessible.

A vertical two compartment shaft has been sunk 160 ft. in the hanging wall of the main vein at a point toward the East end of the property and at a low elevation. This shaft passed through some leached ground but is mostly in waste.

There are a number of small holes on the surface, mostly on small silicious cross veins, but there is very little real development. Except for specimens, there is no ore in sight and no idea can be had as to tonnage or values.

It is an undeveloped prospect but surface appearances would indicate the possibility of developing ore below the oxidized or leached zone.

Mr. Carroll holds, individually, four claims adjoining the above group on the south. Here a 40 ft. shaft on a cross vein revealed only leached schist until the present bottom was reached. Here quartz appeared and a specimen taken from the bottom of the shaft assayed:

Au = 2.0

Ag = 32.0

Cu = 11.0%

This shaft is partly filled with muck at present and the bottom could not be seen. Mr. Carroll, who did the work, said that he was unable to determine whether or not this ore-shoot continued on down. Work was stopped on account of water and lack of equipment to handle it.

YABA COPPER COMPANY

January 27, 1930

Regarding the Yaba Copper Company, I once visited this property several years ago when Mr. Carroll was first opening it up, and in the Fall of 1923 I had one of our Engineers examine such portions of the mine as were then opened and take samples.

More recently, I believe in 1926 or 1927, Carroll obtained some funds for development and sunk a shaft for a considerable distance and I believe did some development on a 200 or 300' level. I had the property inspected again but do not find that any regular report of the visit was made, but it is my recollection that both the engineer who visited the property for me and also the man who acted as foreman for Carroll, and who was a very experienced miner, told me that nothing of importance had been found.

The District where Carroll is operating contains a number of deposits in schist from which some quantities of fairly high grade copper-gold-silver ore have been mined in the past but all of these ore occurrences are extremely pockety, so far as my knowledg goes, and no mine of any consequence has yet been developed.

Of course, there is a chance that the YABA property may prove the exception to the rule.

G. M. Colvocoresses

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