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Ocotillo, Arizona,
December 19, 1918.

Howard
Copper

NOTES ON MINING CLAIMS OF H. O. HOWARD

DISTRICT: Black Canon

PROPERTY: "Copper Schist" and "Oregon" Groups

LOCATION: On Turkey Creek, about 3 1/2 miles west of Bumble Bee, on the Black Canon Road. Township 10 N, Range 2 East.

OWNERS & OPERATORS: Owned or controlled by H. O. Howard; not operated.
P. O. Address, Bumblebee, Arizona.

DATE VISITED: November 27, 1918

NOTES

This property consists of two contiguous groups of 8 Claims each, called, respectively, the "Copper Schist" and the "Oregon" groups. The 16 Claims form one contiguous group, three claims wide by 5 and 6 claims long. The claims have not been surveyed, but the sketch herewith gives Mr. Howard's idea of the way they have been located. Turkey Creek, which runs in an easterly direction at this point, cuts through the group, the Copper Schist Claims lying for the most part on the south side of the Creek, and the Oregon Claims occupy a corresponding position on the north side of the Creek. The Claims are all located as full claims, 600 by 1500 Ft.

TITLES : Mr. Howard stated that he held the Copper Schist Claims by virtue of a Deed from C. C. Curran, the Locator. The deed is to M. C. Howard (presumably his wife), and was recorded about November 15, 1918. The Oregon group is now held by the Locator, a half-breed Indian named Butler. Howard stated that he had made a payment on these claims, and Butler was under agreement to execute a deed to Howard upon the payment of the balance. He did not say what the purchase price was, nor the amount of the balance due. This information was supplied by Mr. Howard, and has not been investigated.

INDICATIONS OF ORE: These claims lie in the schist, and the geology is subsequently characteristic of this formation as encountered elsewhere in the district. There is granite both to the east and to the west of the claims, but this rock does not appear on the claims. Small intrusive, apparently basic, dikes appear at two or three points, and I also noticed quartz-porphyry in contact with the schist at several places, which may also be intrusive. The schist varies from the dark chloritic variety, to the very light "aluminum" variety.

Copper staining is fairly abundant on the claims, but shows a concentration at only one point (on Copper Schist No. 2), of any particular interest. The staining at this point, as well as the character of the schist, is fairly characteristic of a copper ore outcrop in this district. This outcrop appears, however, to be rather definitely limited in extent, and covers an area of perhaps two to three hundred feet in length, by 50

feet in width.

Practically the only development work on the property consists of a shaft about 20 ft, deep, sunk on this showing. This shaft is quite small, measuring about 4' by 7'.

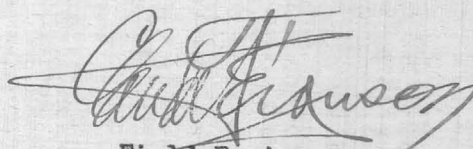
As indicated by the following samples, there is ore exposed in the bottom of this shaft:

- No. 1. Bottom of shaft, across 4' ft (i.e., across the width of the shaft) - - - - - 6.15% Cu
- No. 2, Bottom of shaft, across 2.3' (included in the above 4') - - - - - 8.30% Cu

The values are mainly due to two or three small stringers of chalcocite, with a generous sprinkling of carbonates. The chalcocite appears to come in at about 10 or 12 ft, in depth, and the stringers show some evidence of widening in the bottom; however, the depth is so shallow that this is of no significance. The chalcocite is probably secondary from an original chalcopryite, a product of surficial influences.

Across the creek from this claim, on the "Oregon" group, there is a fairly extensive cropping of a very light, lead-colored schist, showing little veinlets and stringers of chalcopryite, and considerable copper staining. A sample from this material might run, at favorable points, 0.50% Cu. I do not consider this showing of much interest unless development should prove particularly encouraging on the Copper Schist No. 2.

ACCESSIBILITY: There is no road to the property, the nearest point on the road being Bumblebee, ~~from~~ whence a fairly good trail leads to Turkey Creek. Along Turkey Creek, there are the remains of a pioneer road constructed by prospectors some forty years ago, to facilitate the working of placer diggings on the Creek. This old road could be put in shape for use at a comparatively small expense, as far as road building goes. I am told that this old road connects with a road which leads down Turkey Creek and is now in passable condition for a wagon as far as the Poland Creek junction. The distance from the property up Turkey Creek to Turkey Station is possibly 5 to 7 miles.


Field Engineer.

June 18, 1920.

Mr. I.D. Williams,
Turkey, Arizona.

Dear Sir:-

MINING PROPERTY
=====

Mr. Cleator has told me in conversation that you are cross cutting in a tunnel of your copper prospect below Turkey Station, what promises to be a good sized body of copper ore. We are naturally interested in keeping in touch with mining developments in our vicinity, particularly in the way of copper ore, and if you have no objection, I should like very much to visit your property and see this recent strike, and unless I hear from you that you would rather not have me do so, I expect to go down some day within the next couple of week.

In case you should be away from the property, would you please advise whoever may be in charge, that it will be all right for me to go underground, as I should hate to have the trip to no purpose?

Yours very truly,

Assistant General Manager.

ESS:BEW

Name - Howard Property

Location - 4 Miles west of Bumble Bee, Arizona.

Owners - A Mr. Howard and associates

Geology - Yavapai schist, largely light colored
sericitic schist strike N and dip
to west about 80°.

Development - Consists of 275' of tunnel driven
to tap a siliceous iron and copper
stained outcrop which looks very
promising and should produce some
ore of commercial ^{grade} ~~depth~~. About
200' required to tap main ore zone.

W.V.D.

Humboldt, Arizona.
April 6, 1920.

HOWARD COPPER CO.

June 22, 1920.

Visited by J.L.White and E.S.Smith

Principal Owner I.D.Williams

Superintendent Ralph Roseberry.

Both these men absent and we met Frank
Dryden, foreman in charge.

A drift adit has been driven for about 450 feet.

At the face a footwall crosscut exploring the
downward extension of the outcrop has gone
through 15 feet of ground carrying some copper
and iron sulphides, the latter predominating.

It is safe to say this 15 feet would not
average 1% Cu, nor would a sample across any
2 or 3 feet of it run 3% Cu.

Another crosscut is being driven into the
footwall at a point 150 ft. nearer the portal.

E.S.SMITH

See description of this property under heading
"Copper Schist."

HOWARD COPPER CO.

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