



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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Hazelwood Mine

Wilcox A 2

SERIAL NO. 019541

Phoenix

(Land Office.)

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DEPARTMENT OF THE INTERIOR

GENERAL LAND OFFICE

WASHINGTON

May 23rd, 1913.

ADDRESS ONLY THE COMMISSIONER OF THE GENERAL LAND OFFICE

Memorandum.

Chief of Field Service,

Sir:

Pursuant to reference from your Division of April 29, 1913, for memorandum in accordance with order of August 5, 1912, the attached record involving Phoenix Mineral Application No. 019541, made October 15, 1912, by the Yaqui River Consolidated Gold and Copper Company, for the Hazlewood Nos. 1 to 10, inclusive, lode locations, has been examined and no objection is found to the authorization of final certificate other than that the Chief of Field Division has filed his protest.

Very respectfully,

[Signature]
Examiner.

Approved:

[Signature]
Chief of Division "N".

Acen 11 M.A. 019541
Yaqui River Con. Co.
Reverse report by
J. MacFarren.
D 2011

DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

Los Angeles, Cal.

April 12, 1913.

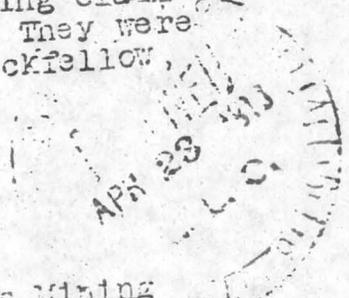
The Commissioner,
General Land Office,
Washington, D. C.

Through Mr. G. W. Helm,
Chief of Field Division,
Los Angeles, Cal.

S i r :-

On October 15, 1912, the Yaqui River Consolidated Gold and Copper Company, by its attorney in fact R. B. Hazelwood, Willcox, Arizona, made Mineral Application No. 019541 at Phoenix, Arizona. On December 10, 1912, protest was filed by the Chief of Sixth Field Division. Final entry was made December 30, 1912, -- F. C. not issuing. Field examination was made by me on March 31, 1913. The application embraces ten lode mining claims known as Hazelwood Nos. 1 to 10, inclusive. They were surveyed on August 15-25, 1910, by John A. Rockefeller, under No. 2846.

LC



LOCATION AND SURFACE CONDITIONS:

These claims are located in the Tevis Mining District, are seven miles southeast of Willcox, Arizona, and are in Sections 13 and 18 of T. 15 S., R. 25 and 26 East, G. & S. R. M. They are very mountainous, but partly covered with a shallow mantle of soil to present a rounded appearance. They contain no timber or surface water, except two small seeps, and control no water. They have a very small amount of grass and a most slight value for grazing. They cannot be cultivated.

FORMATION AND MINERALIZATION:

The main formations are a schist very high silicified and indurated, and an igneous rock best described as a granitoid. These have been intruded by numerous fine-grained, hard, quartzose,

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*per Dept of Interior
letter 3/21/1913*

White-colored dykes of rhyolite of moderate width. Then came the formation of quartz veins with subsequent intrusions of narrow diorite or greenstone dykes and much faulting. This formation has a wide extent in the locality.

HAZELWOOD NO. 1.

Located July 16, 1908. Discovery Shaft No. 1 is 5' x 7' x 25' deep in rhyolite. Value \$240. It has a 2 ft. vein of quartz that shows considerable iron, which extends for a thousand feet east and west through the claim with a thickness of 3 to 4 ft. and is highly mineralized with iron. No assays were taken, but it is considered to be a good discovery for this claim.

Forty feet southwest of Shaft No. 1 is an unreported shaft 4' x 6' x 10' deep in rock, exposing a 3 ft. quartz vein well mineralized with iron. Value of shaft \$80.00.

Work to. 2 is a shaft 5' x 7' x 9' deep in schist. Value \$70.00. Shows no mineral.

Total work upon claim, \$390.00; apportion from Hazelwood No. 3, \$463.50. Total, \$853.50.

HAZELWOOD NO. 2.

Located July 16, 1908. Discovery Cut No. 1 is 4' wide, 12' long, and 9' high at face, in rock. Value \$60.00. No mineral.

Work No. 2 is shaft 5' x 5' x 10' deep with cut 5' x 8' x 5' at mouth. Total value \$140.00. Exposed quartz ledge 1 to 2 ft. wide showing much iron, many honey-combs, and some galena -- a discovery.

Work No. 3 is incline shaft 5' x 5' x 40' deep in rhyolite. Value \$400. Same vein as in Work No. 2. is exposed in shaft.

Work No. 4 is shaft 5' x 6' x 19' deep in rock, with cut 4' x 5' x 18' long. Total value \$300.

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Work No. 5 is shaft 5' x 6' x 15' deep in rock.
Value \$150.00.

Work No. 6 is shaft 4' x 6' x 6' deep in rhyolite.
Shows 6 in. quartz vein well mineralized with iron. Value
\$40.00.

Work No. 7 is shaft 4' x 6' x 7' deep in rock
with cut 2' x 4' x 15' long. Total value \$100.

Total of work upon this claim, \$1190.00; apportion
on Hazelwood No. 3, \$463.00. Total \$1653.00 for the claim.

HAZELWOOD NO. 3.

Located July 16, 1902. Discovery Cut No. 1 is 4'
wide, 8' high at face, 25' long. Has tunnel 4' x 6' x 80'
to face drift to east 45' long. Value of tunnel and drift
\$1200.00, of cut \$60.00; total \$1260.00. Is on quartz
vein from 2 to 4 ft. wide. Is well mineralized with iron
and shows silver in the form of the green silver bromide.
Course of vein is northwest. At end of tunnel it is
faulted 45 ft. to the east. This is a discovery.

Work No. 2 is a main shaft 4' x 6 1/2' and well
timbered. Is filled with water to 30 ft. from top.
Surveyor reports 202.5 ft. deep with a 25' and a 10' NE
drift, a 59' NW drift, and a 5' SE drift. He estimates
value of shaft at \$18 per foot, total \$3645; and of drift
at \$10, total, \$990; grand total \$4635.00. This is a
proper valuation and the dump indicates that the extent of
the work is as reported. A 1/10 of this or \$463.50 has
been credited to each of these ten claims. The collar of
the shaft is on a level with the highest part of Hazelwood
Nos. 1 and 10, which are the two lowest claims, therefore
drifts from the shaft can pierce into any of the claims.
I am recommending that this main shaft be allowed as a
common improvement on the Hazelwood Nos. 1 to 5, inclusive;
but am recommending that it not be allowed on the Hazelwood
Nos. 6 to 10, inclusive, for reasons given under those
claims. The hoist and engine, hoist house, and blacksmith
shop have been removed.

Work No. 3 is tunnel 4' x 6' x 50' long, with cut
of 5' at mouth. Value \$500.00.

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Work No. 4 is shaft 5' x 7' x 9' deep in rhyolite. Value \$80.00. Is on faulted part of quartz vein showing in Work No. 1. Shows the green silver bromide.

Total of work applicable for this claim, \$2305.50.

It is claimed that copper was found in main shaft, but no indications were observed by me on the dump.

HAZELWOOD NO. 4.

Located July 16, 1908. Discovery Work No. 1 is shaft in granite 5' x 7' x 9' deep. Value, \$80.00. Shows very small quartz seam.

Work No. 2 is incline shaft 4' x 7' x 10' deep in schist. Value \$80. Exposes quartz vein 2' to 3' thick. Is highly mineralized with iron, some in form of hematite; has honeycombs; and shows some lead in form of galena. A discovery.

Total work upon claim, \$160.00. Apportion on Hazelwood No. 3, \$463.50. Total, \$623.50.

HAZELWOOD NO. 5.

Located July 16, 1908. Discovery work No. 1 is shaft in granite. 5' x 6 1/2' x 8' deep. Value, \$75.00. Has quartz vein one foot wide. A sample taken by me assayed nothing in gold and silver.

Work No. 2 is cut 5' wide, 20' long, 7' high at face. Value, \$70.00. No mineral.

Total work upon claim, \$145.00. Apportion of work on Hazelwood No. 3, \$463.50. Total, \$608.50.

The faulted quartz vein showing silver bromide on Hazelwood No. 3 can be directly traced to fifteen ft. within this claim, where further traces are lost beneath soil. The vein becomes much less prominent, but yet must be considered as a discovery within this claim. There is no other discovery and no other quartz except the barren vein in Work No. 1.

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HAZELWOOD NO. 6.

Located December 1, 1903. Discovery Shaft No. 1 is in rhyolite 4' x 6' x 10' deep. Value, \$80.00. Shows no mineral. There is no other work upon this claim. There is no discovery upon this claim. On a ridge in this claim are some signs indicating a slight possibility of making a discovery.

One-tenth of the main shaft on Hazelwood No. 5 has been applied as a common improvement upon this claim to the amount of \$463.50. The collar of this shaft is below the surface of most of the claim and is only 1100 feet distant from the claim. But it is not shown by any developments upon the surface nor is it indicated in any geologic way that drifts from the shaft might develop or find any vein or mineral within the claim. The conditions savor of putting down a deep shaft to develop mineral at a point and then patenting as much of the surrounding country as the shaft will furnish the necessary development work for - this is the position of the Hazelwood Nos. 6, 7, 8, 9, 10 claims which have no discoveries, no evidences of attempts to make discoveries, and no work except the 10. ft. discovery shafts made necessary by the state law. If there was a discovery or if it was shown that there might be something in this claim to develop through drifts from the shaft, the main shaft could be allowed as a common improvement. It should be clearly understood that this is a drastic recommendation, and that miners testifying in the usual loose way would say that it was a proper common improvement. But if this common improvement was allowed on these claims under these conditions of no discovery and no attempt to make any, the question arises as to how many claims or how many miles of claims could be blocked on to the Hazelwood No. 9 and go to patent on this main shaft.

I recommend that the Hazelwood No. 6 be rejected on charge of no discovery, and also upon the charge that the common improvement applied is not a development of this claim -- but this second charge should receive your careful consideration.

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HAZELWOOD NO. 7.

Located December 1, 1908. Discovery Shaft No. 1 is in schist, 5' x 7' x 9' deep. Value, \$30. Shows no mineral. There is no other work upon this claim. In center of claim is seen a patch of quartz in nature of a silicification and not a vein. Doubtful if it is in place. Has no work upon it. There is no discovery upon this claim. One-tenth of main shaft on Hazelwood No. 3 (value of one-tenth \$463.50) has been applied as a common improvement and is rejected by me.

I recommend that the Hazelwood No. 7 be rejected on charge of no discovery, and also upon charge that common improvement applied does not develop the claim -- see Hazelwood No. 6 for full discussion.

HAZELWOOD NO. 8.

Located December 1, 1908. Discovery Shaft No. 1 in rhyolite, 4' x 6' x 9' deep. Value, \$80.00. Shows no mineral. There is no other work upon this claim. There is no discovery upon this claim. One-tenth of main shaft on Hazelwood No. 3 (value of one-tenth, \$463.50) has been applied as a common improvement, but is rejected by me.

I recommend that the Hazelwood No. 8 be rejected on charge of no discovery, and also upon charge that common improvement applied does not develop the claim -- see Hazelwood No. 6 for full discussion.

HAZELWOOD NO. 9.

Located December 1, 1908. Discovery Shaft No. 1 is in rhyolite. 4' x 7' x 9' deep. Value \$30.00. Has seam of quartz 16 in. wide at top that comes to an end - not faulted - at 4 ft. depth in the shaft. Float indicates seam to extend east for 100 ft. A sample taken by me assayed nothing in gold and silver. This is not a discovery, and there is none on the claim. There is no other work upon the claim. One-tenth of main shaft on Hazelwood No. 3 (value of one-tenth \$463.50) has been applied as a common improvement. The drifts from this shaft could penetrate this claim, but I am rejecting it.

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