

MINERAL SURVEY No. 3980

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Arizona Bagdad Copper Company

KNOWN AS THE

RUBY and EMERALD Lodes

Eureka Mining District,

Yavapai County, Arizona

Section 9, Township 14 North, Range 9 West

Surveyed under instructions dated May 9th., 19 25.

by Harry E. Jones, U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced May 19th., 19 25.

Survey completed May 21st., 19 25.

Address of claimant John L. Sullivan, Atty. for claimant, Prescott, Arizona.

DATES OF AMENDED LOCATIONS.

Feet

MINERAL SURVEY NO.3980

Ruby Lode

Beginning at Cor. No. 1

Identical with loc. mon. a $3\frac{1}{2}$ ft. $\frac{3}{4}$ in. pipe with a 2in. brass cap marked US. MINERAL SURVEY NO.3980-1-R; set 18ins. in ground and surrounded with a substantial mound of earth and rock.

The $\frac{1}{4}$ corner common to Sections 9 and 16, T. 14 N. R. 9 W. bears S.10°48'E. 1410.22 ft.

No other suitable bearings available.

Thence N. 49° 24' W.

300.00 To Southwest End Center, identical with loc. mon. a substantial mound of earth and rock.

600.00 To Cor. No. 2

Identical with loc. mon. a $3\frac{1}{2}$ ft. $\frac{3}{4}$ in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO.3980-2-R; set 20ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.

Thence N. 39° 36' E.

1290.00 Cross center of 10 ft. wash, course N.

1500.00 To Cor. No. 3

Identical with loc. mon. and Cor.3 Emerald lode this survey, a $3\frac{1}{2}$ ft. $\frac{3}{4}$ in. pipe with a 2in. brass cap marked, U.S. MINERAL SURVEY NO.3980-3-R;3-E; set 18ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.

Thence S. 49° 24' E.

Along line 3-2 Emerald lode of this survey.

300.00 To Northeast End Center, identical with loc. mon. a substantial mound of earth and rock.

600.00 To Cor. No. 4

Identical with loc. mon. a $3\frac{1}{2}$ ft. $\frac{3}{4}$ in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO.3980-4-R; set 16ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.

Thence S. 39° 36' W.

940.00 Cross center of 5 ft. wash, course N.

Feet	
1500.00	To Cor. No. 1 the place of beginning.
	----- Emerald Lode
	Beginning at Cor. No. 1
	Identical with the loc. mon. a 3½ft. ½in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO. 3980-1-E; set 18ins. in ground and surrounded with a substantial mound of earth and rock.
	The ¼ corner common to sections 9 and 10, T. 14 N. R. 9 W. bears N. 75° 30' E. 905.90 ft.
	No other suitable bearings available.
	Thence S. 40° 36' W.
300.00	To Southeast End Center, identical with loc. mon. a substantial mound of stone.
470.00	Cross center of 10 ft. wash, course NW.
600.00	To Cor. No. 2
	Identical with loc. mon. a 3½ft. ½in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO. 3980-2-E; set 20 ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence N. 49° 24' W.
900.00	To Cor. 4 Ruby lode of this survey previously described. Along line 4-3 Ruby lode this survey.
1200.00	To Northeast end center Ruby lode this survey.
1500.00	To Cor. No. 3,
	Identical with loc. mon. and Cor. 3 Ruby lode this survey previously described.
	Thence N. 40° 36' E.
281.70	Cross center of 15 ft. wash, course NW.
300.00	To Northwest End Center, identical with loc. mon. a substantial mound of stone.
600.00	To Cor. No. 4
	Identical with loc. mon. a 3½ft. ½in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO. 3980-4-E; set 18 ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.

Feet
 1500.00 Thence S. 49° 24' E.
 To Cor. No. 1 the place of beginning.

Mean Magnetic Variation at all corners is 14°45'E.

Lode Lines

As near as can be determined from the present developments the veins of the locations embraced in this claim extend as follows from their respective discovery points:

- Ruby lode, N.39°36'E. 555 ft. and S.39°36'W. 945 ft.
- Emerald lode, N.49°24'W. 690 ft. and S.49°24'E. 810 ft.

Area

- Total area Ruby lode, 20.658 Acres
- Total area Emerald lode, 20.661 Acres

Location

This survey is located in Section 9, T. 14 N. R. 9 W. Gila and Salt River Base and Meridian; Yavapai County, Arizona.

Expenditure of Five Hundred Dollars

I certify that the value of the labor and improvements made upon or for the benefit of the locations embraced in said mining claim by the claimant or its grantors is not less than Five Hundred Dollars, and that said improvements consist of:

Ruby

No.1 Dis. cut and tunnel, 5x15x10 ft. face and 4x6x33 ft. with cross cut 4x6x20 ft. from face of tunnel, which point bears S.39°36'W. 555 ft. from NE. end center, ~~Ruby lode.~~
 Cut & tunnel extends N.E., crosscut extends S.E.
 Value \$ 630.00

No. 2 cut 5x12x10 ft. facing SW. ^{center} bears S.38°05'W. 630 ft. from NE. end center, ~~Ruby lode.~~
 Value \$ 100.00

Emerald

No.1 Dis.Pt. an outcropping ledge in place bears S.49°24'E. 690 ft. from NW. end center ~~Emerald lode.~~

No.2 cut 5x20x12 ft. face, and tunnel 4x6x60 ft. long running NE. ^{mouth of cut} bears N.61°E. 185 ft. from the 900 ft. point on line

2-3 ~~Emerald lode.~~ Value \$ 750.00

No. 3 cut 5x40x15 ft. facing NE. and tunnel 4x6x30 ft.
 long running SW. ^{mouth of cut} bears N. 5° 16' E. 215 ft. from the 900 ft.
 point on line 2-3 ~~Emerald lode.~~ Value \$ 550.00

 No other improvements

Adjoining Claims

This claim is bounded on all sides by public land.

Instrument

This survey was made with a W. & L.E. Gurley light mountain transit.


The courses were deflected from true meridians as determined from direct sun observations.

The distances were measured with 50 ft. and 660 ft. steel tapes.

Report

The public land corners to which this survey is tied are brass capped pipes properly set and marked.

Any differences in these field notes and the location notices are due to error in the latter.


 U. S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Harry E. Jones,
 United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and
 boundaries described in the foregoing field notes of the survey of the mining claim of _____
Arizona Bagdad Copper Company
 known as the RUBY and EMERALD Lodes
 and showing the respective capacities in which they acted.

J. L. Jones _____, *Chainman.*
Henry Raymond Eaton _____, *Chainman.*
 _____, *Asman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, J. L. Jones,
 and Henry Raymond Eaton _____, do solemnly swear that we assisted _____
Harry E. Jones _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of _____
Arizona Bagdad Copper Company
 known as the RUBY and EMERALD Lodes
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his
 direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-
 tions furnished by the United States Surveyor-General for Arizona.

J. L. Jones _____, *Chainman.*
Henry Raymond Eaton _____, *Chainman.*
 _____, *Asman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 3rd.

day of June _____, 1925.

Joseph A. Phillip

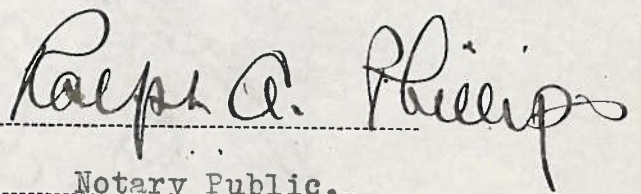
 Notary Public.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Harry E. Jones, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 9th. 1925, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of Arizona Bagdad Copper Company, known as the RUBY and EMERALD Lodes, situate in Eureka Mining District, Yavapai County, Arizona, in Section 9, Township No. 14 N., Range No. 9 West. G&SRB&M. and designated as Survey No. 3980, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or its grantors are as therein fully stated, and that the character, extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.


U. S. Mineral Surveyor.

Subscribed and sworn to by the said Harry E. Jones
U. S. Mineral Surveyor, before me a Notary Public in and for County
of Maricopa State of Arizona this 3rd.
day of June, 19 25.


Notary Public.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF District Cadastral Engineer

Phoenix, Arizona,

July 30, 1925.

I, Office Cadastral Engineer

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

Arizona Bagdad Copper Company

known as the RUBY and EMERALD lodes

situate in Eureka

Mining District, Yavapai County, Arizona

in Section 9, Township No. 14 N., Range No. 9 W., and

designated as Survey No. 3980, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claims by claimant or its grantors, and that said improvements consist of 1 cut, and 3 cut and tunnels, total value \$2030.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

John D. Adams

Office Cadastral Engineer

OFFICE CADASTRAL ENGINEER. CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR OFFICE OF District Cadastral Engineer

Phoenix, Arizona,

July 30, 1925

I, Office Cadastral Engineer

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of

Arizona Bagdad Copper Company

, known as the

RUBY and EMERALD lodes

situate in Eureka mining district,

Yavapai County, Arizona

in Section 9, Township No. 14 North, Range No. 9 West

, designated as Survey No. 3980

executed by Harry E. Jones, U. S. Mineral

Surveyor, May 19 - 21, 1925, under my instructions dated

May 9, 1925, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

John D. Adams Office Cadastral Engineer