

MINERAL SURVEY No. 3793

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Superior & Boston Copper Company

KNOWN AS THE

Avalon and Alameda lodes

Globe

Mining District,

Gila

County, Arizona

Section 14

, Township 1 N.,

, Range 15 1/2 E.

Surveyed under instructions dated July 20, 1921

by Edwin T. Stewart

U. S. Mineral Surveyor.

see location notices

Claim located June 22nd, 1907.

Survey commenced August 4, 19 21.

Survey completed August 6, 19 21.

Address of claimant's Attys. Morris & Malott,

Box 879, Globe, Arizona.

DATES OF AMENDED LOCATIONS.

SEE

-1-

Feet.

MINERAL SURVEY NO. 3793.

AVALON Lode.

Beginning at Cor. No. 1, identical with N.E. Cor. of the location and Cor. No. 4, Lime Bluff lode, Sur. 3619, and Cor. No. 3, Alameda lode, this survey.

A standard $3\frac{1}{2}$ in. iron pipe, 4 ft. long, with iron cap divided in quadrants, stamped 4-L.B.-3619 in the quadrant facing said Lime Bluff claim and 1-A-3793 in the quadrant facing this claim, set 30 ins. in concrete base, whence

The quarter corner between sections 11 and 14, T. 1 N., R. $15\frac{1}{2}$ E., G. & S.R.B. & M. bears N.12°-42'W. 1580.7 ft. Cor. No. 3, Quo Vadis lode, Sur. 2297, bears N.84°-37'E. 97.2 ft.

No other bearings available.

Thence S.26°-07'E.

Along line 3-2 of said Alameda lode.

34.60 Intersect line 2-3, Quo Vadis lode, Sur. 2297, N.63°-45'E. 1409.0 ft. from Cor. No. 2.

300.00 To N.E.E.C. monument of the location, from which the discovery shaft bears S.62°-21'W. 58.0 ft.

A monument of stone, 4 ft. base, 4 ft. high.

305.00 To S.W.E.C. of said Alameda lode.

600.00 To Cor. No. 2 identical with S.E. Cor. of the location and Cor. No. 2 of said Alameda lode.

A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 2-A-3793 in the quadrant facing this claim, set 32 ins. in concrete base.

No bearings available.

Thence S.62°-21'W.

1239.90 Intersect line 3-4, Red Oxide lode, Sur. 2296, N.42°-09' W. 131.1 ft. from Cor. No. 3 and S.42°-09'E. 472.85 ft. from Cor. No. 4.

1409.50 To Cor. No. 3, identical with S.W. Cor. of the

Feet. location.

A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 3-A-3793 in the quadrant facing the claim, set 34 ins. in concrete base, whence

Cor. No. 3 Red Oxide lode, Sur. 2296, bears S.85°-34'E. 238.9 ft.

Cor. No. 4 of said Red Oxide lode, identical with Cor. No. 3, Limestone lode, Sur. 2297, bears N.21°-16'W. 460.65 ft.

No other bearings available.

Thence N.26°-07'W.

300.00 To S.W.E.C. monument of the location.

A monument of stone, 3 ft. base, 3 ft. high.

452.38 Intersect lines 4-1 and 2-3, respectively, of Red Oxide lode, Sur. 2296 and Limestone lode, Sur. 2297, S.54°-16'W. 39.53 ft. from Cor. No. 4 of said Red Oxide lode and Cor. No. 3 of said Limestone lode.

600.00 To Cor. No. 4, identical with N.W. Cor. of the location and Cor. No. 2, Quo Vadis lode, Sur. 2297.

On line 3-4, Limestone lode. Sur. 2297, N.41°-34'W. 146.3 ft. from Cor. No. 3.

The pinepost marking this corner having rotted so that it is no longer a good substantial monument, I removed it and set a standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants, stamped 2-2297-Q.V. in the quadrant facing said Quo Vadis claim and 4-A-3793 in the quadrant facing this claim, 29 ins. in concrete base.

No bearings available.

Thence N.62°-21'E.

1409.50 To Cor. No. 1, the place of beginning.

ALAMEDA Lode.

Beginning at Cor. No. 1, identical with S.E. Cor. of the location.

Feet.	<p>A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 1-A-3793 in the quadrant facing the claim, set 34 ins. in concrete base, whence A quartzite boulder showing 10 x 24 x 30 ins. out of the ground, chiseled cross B.R. 3793, bears S.24°-29'E. 57.35 ft.</p>
	<p>The quarter corner between sections 13 and 14, T. 1 N., R. 15¹/₂E., G. & S.R.B. & M., bears S.34°-07'E. 969.0 ft.</p> <p>No other bearings available.</p> <p>Thence S.81°-24'W.</p>
537.00	Bed of gulch, draining southerly.
1499.40	<p>To Cor. No. 2, identical with S.W. Cor. of the location and Cor. No. 2, Avalon lode, this survey.</p>
	<p>An iron pipe, with cap, previously described, to which I add 2-A-3793 in the quadrant facing this claim.</p>
	Thence N.26°-07'W.
	Along line 2-1 of said Avalon lode.
295.00	<p>To S.W.E.C. monument of the location, from which the discovery shaft bears N.81°-24'E. 13.0 ft.</p>
	A monument of stone, 3.5 ft. base, 4 ft. high.
300.00	To N.E.E.C. monument of said Avalon lode.
565.40	<p>Intersect line 2-3, Quo Vadis lode, Sur. 2297, S.63°-45'W. 90.90 ft. from Cor. No. 3.</p>
600.00	<p>To Cor. No. 3, identical with N.W. Cor. of the location. Cor. No. 1 of said Avalon lode and Cor. No. 4, Lime Bluff lode, Sur. 3619.</p>
	<p>An iron pipe, with cap, previously described, to which I add 3-A-3793 in the quadrant facing this claim.</p>
	Thence N.81°-24'E.
93.40	Along line 4-3 of said Lime Bluff lode.
1058.40	<p>Intersect line 3-4 Quo Vadis lode, Sur. 2297, N. 42°07'W. 6.5 ft. from Cor. No. 3.</p> <p>Bed of gulch draining southerly.</p>
1499.40	<p>To Cor. No. 4, identical with N.E. Cor. of the location and Cor. No. 3 of said Lime Bluff lode.</p>
	<p>A standard 3¹/₂ in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 3-L.B.-3619 in the quadrant facing said Lime Bluff claim, to which I add</p>

Feet. 4-A-3793 in the quadrant facing this claim, set 27 ins. in concrete base.

No bearings available.

Thence S.26°-07'E.

305.00 To N.E.E.C. monument of the location.

A monument of stone, 3.5 ft. base, 4 ft. high.

600.00 To Cor. No. 1, the place of beginning.

Mean magnetic variation at all corners, 14°-15'E.

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LODE LINES.

As near as can be determined from present developments, the veins of the two locations in this survey extends as follows from their respective discovery points:

Avalon lode, N.62°-21'E. 58.0 ft. and S.62°-21'W. 1351.5 ft.

Alameda lode, N.81°-24'E. 1486.4 ft. and S.81°-24'W. 13.0 ft.

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AREAS.

	Acres.	Acres.
Total area Avalon lode,		19.408 ✓
Area in conflict with:		
Red Oxide lode, Sur. 2296	1.094 ✓	
Limestone lode, Sur. 2297	0.066 ✓	
Quo Vadis lode, Sur. 2297	0.560 ✓	
Total area Alameda lode,		19.695 ✓
Area in conflict with:		
Quo Vadis lode, Sur. 2297	0.042 ✓	

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LOCATION.

This survey is located in section 14, T. 1 N., R. 15 1/2 E., G. & S.R.B. & M., Globe Mining District, Gila County, Arizona.

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ADJOINING AND CONFLICTING CLAIMS.

The Lime Bluff lode, Sur. 3619 and Quo Vadis lode, Sur. 2297, on the north; the Limestone lode, Sur. 2297 and Red Oxide lode, Sur. 2296, on the west; the Diorite and Venus lode, unsurveyed, on the south; all owned by the claimant of the claims in this survey. And an unknown claim, unsurveyed, owner unknown, on the east.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

These claims are being developed from levels run from a shaft, improvement No. 2 on the Copper Money lode, Sur. 2651, owned by the claimant of the claims in this survey, this being the same improvement described in detail in my returns of Mineral Survey No. 3619 and distributed to 35 claims, patented and unpatented.

Since the execution of Mineral Survey No 3619, work has continued on some of the levels from this shaft and the extent and value thereof is now as follows:

The shaft has not been sunk to any greater depth; value, \$105,000.00.

The 425 foot level has not been extended; value, \$6360.00.

The 811 foot level has not been extended; value, \$42,000.00.

The 971 foot level has been extended by driving two crosscuts from near the northeast end of the level, as reported in Sur. 3619, one to the northwest and one to the southeast, aggregating 695 feet of work, 6 x 8 feet and increasing the value of the level from \$46,700.00 to \$56,700.00.

At a depth of 550 feet below the collar of the shaft there is now a level, consisting of 1911 feet of drifting and crosscutting, 6 x 8 feet, partially timbered, which extends from the northwest side of shaft in the general direction of N.14°W., passing out of the Copper Money lode, through the Hobson and Total Eclipse lodes and into the Lucky Day No. 1 lode. Value \$25,000.00.

This improvement was distributed to 35 claims in my returns of Mineral Survey No. 3619, but this was in error as the claimant company owned other claims at this time to which the improvement should have been distributed, and/since located two claims and acquired one by purchase,

bringing the total of their group up to 66, all of which are shown on the one thousand foot to the inch plat submitted herewith. The present value of the improvement, \$235,060.00 is, therefore, distributed to each of the claims, 1/66th, or \$3561.52, being credited to the M.C., Total Eclipse, Hobson, Copper Money, Dewey, and Dewey No. 1, lodes, Sur. 2651; the Ida lode, Sur. 2516; the New-Port, Great Eastern, Wedge, Cave, Vulcan, Limestone, Quo Vadis, Iron King, Low Land, Denver, Boston, Black Oxide, Japan, Oregon, High Land, Copper Era, Mountain Key, Valley View and Annie Laurie lodes, Sur. 2297; the Red Oxide lode, Sur. 2296; the Globite lode, Sur. 2384, the Berkeley, Duluth, Finis. Concordia, Lime Bluff, Houghton, and Mescal lodes, Sur. 3619; the Telfair lode, Sur. 667; the Dewey Fraction, Summit, Bill Taft, Marley, Amster and Cactus lodes, Sur. 3790; the Lucky Day No. 1, Lucky Day No. 2, Oneida No. 1, Oneida No. 2, and Nickel lodes, Sur. 3791, the M.C. Fraction and Oversight lodes, Sur. 3792; the Solomonville, Maine, Michigan, Venus, Placer, Mars, Yuma, Tucson, Phoenix, Tombstone, Globe, Washington, Diorite, Calumet and Superior lodes, all unsurveyed, and the two claims in this survey.

In my returns of Mineral Survey No 3619, the Sliver and Defender lodes, unsurveyed, are mentioned as adjoining claims owned by the claimant and the improvements distributed to them. These claims should have been named, respectively, the Cactus and Amster, as designated herein, these being the locations this ground was then held under, the Sliver and Defender locations having lapsed.

I certify that the value of the labor and improvements made upon, or for the benefit of, the claims in this survey, by the claimant, is not less than five hundred dollars, and that said improvements consist of;

Avalon lode.

No. 1, the discovery, shaft, 4 x 6 x 10 ft., the center of which is on the lode line 58.0 ft. from the N.E.E.C. Value, \$40.00.

No. 2, shaft, 4.5 x 8.5 ft., 59 feet deep, timbered, the southeast corner of which bears N.28°-20'W. 291.0 ft. from Cor. No. 2. Value, \$1000.00.

1/66th of the common improvement, \$3561.52.

Alameda lode.

No. 1, the discovery, shaft, 4 x 6 ft., of unknown depth on account of being nearly filled by the dump of the shaft, improvement No. 2 on the Avalon lode, the center of which is on the lode line 13 ft. from the S.W.E.C. Value, \$35.00.

1/66th of the common improvement, \$3561.52.

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INSTRUMENT AND DETERMINATION OF MERIDIAN.

This survey was made with a 6 1/4 inch Berger transit. The courses were deflected from the true meridian as determined by direct Solar observation. The distances were measured with a 660 foot steel tape.

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REPORT.

The quarter corner between sections 11 and 14, T. 1 N., R. 15 1/2 E., to which tie is given from Cor. No. 1, of the Avalon lode, is a quartzite stone showing 8 x 10 x 12 ins. out of the ground, chiseled cross on top and 1/4 on the north face, with mound of stone alongside, The tie to this corner was made direct from Cor. No. 1 of the Avalon lode. The quarter corner between sections 13 and 14, to which tie is given from Cor. No. 1. of the Alameda lode, is a quartzite stone, 5 x 5 x 9 ins. out of the ground, chiseled cross on top and 1/4 on north face, with mound of stone alongside. The tie to this corner was made direct from Cor. No. 1 of the Alameda lode.

Sur. 2296, Red Oxide lode.

Cors. 1, 3 and 4 of said Red Oxide lode, are 4 x 4 posts properly set and scribed. The disagreement between these notes and the bearing and length of line 3-4 and the bearing of line 4-1 as approved and these lines as reported herein is due to errors in Sur. 2296.

Sur. 2297, Limestone and Quo Vadis lodes;

Cors. 2 and 4 of said Limestone lode and Cor. No. 3 of said Quo Vadis lode are 4 x 4 posts properly set and scribed. Cor. No. 4 of said Quo Vadis lode has been removed and I reestablished the position of this corner in the old post hole and verified it by the bearing rock set for it. Cor. No. 2 of said Quo Vadis^{lode} was a pine post properly set and scribed, but I removed it and set the pipe and concrete monument as reported herein.

The disagreement between these notes and the bearings of lines 1-2, 2-3 and 3-4 of said Quo Vadis lode, lines 2-3 and 3-4 of said Limestone lode as approved, is due to errors in Sur. 2297.

I find a nominal error in length of line 2-3 of said Quo Vadis lode as approved.

Sur. 3619, Lime Bluff lode.

Cors. 3 and 4 of this claim are iron pipes in concrete as described herein, properly stamped. There is a nominal disagreement between these notes and the length of line 3-4 of said Lime Bluff lode as approved.

The disagreement between these notes and the location notices is due to errors in the notices.

Edwin P. Stewart

U.S. Mineral Surveyor.

Globe, Arizona,
January 12, 1922.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart
 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 _____
 _____ Superior & Boston Copper Company _____
 known as the Avalon and Alameda lodes _____
 and showing the respective capacities in which they acted.

Rudolph Wolf _____, *Chainman.*
 _____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~We~~, _____
 and I. Rudolph Wolf _____, do solemnly swear that ~~we~~ ^I assisted _____
Edwin T. Stewart _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Superior & Boston Copper Company _____

 known as the Avalon and Alameda 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 _____

Rudolph Wolf _____, *Chainman.*
 _____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 9th
 day of January _____, 1922.

My commission expires November 12, 1924.
M. L. Harrison
 Notary Public, Gila
County, Arizona.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 20, 1921, 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 Superior & Boston Copper Company, known as the Avalon and Alameda lodes, situate in Globe Mining District, Gila County, Arizona, in Section 14, Township No. 1 N., Range No. 15 1/2 E., G. & S.R.B. & M., and designated as Survey No. 3793, 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.

Edwin T. Stewart
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Mineral Surveyor, before me M. L. Harrison, A notary Public
this 9th
day of January, 19 22.

My commission expires
November 12, 1924.

M. L. Harrison
Notary Public, Gila
County, Arizona.

U. S. SURVEYOR GENERAL'S FINAL CERTIFICATE ON
FIELD NOTES.

DEPARTMENT OF THE INTERIOR,
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona.

March 11, 1922.

I, U. S. Surveyor General for District of Arizona,
do hereby certify that the foregoing transcript of the Field Notes, return and approval
of the Survey of the mining claim of
Superior & Boston Copper Company
, known as the AVALON and ALAMEDA Lodes
, situate in Globe
Mining District, Gila County,
Arizona, in Section 14, Township No. 1 N.,
Range No. 15 $\frac{1}{2}$ E., and designated as Survey
No. 3793, 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 ^{or for each of} said mining claim^s by claimant or its grantors, and
that said improvements consist of 3 shafts, value \$1075, also 2/66 of
the value of improvement No. 2 on the Copper Money lode, Sur.
2651, total value \$8198.04

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.

Frank P. Trott

United States Surveyor General for Arizona.

SURVEYOR GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR OFFICE OF U. S. SURVEYOR GENERAL

Phoenix, Arizona,

March 11, 1922

I, U. S. Surveyor General for District of Arizona

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

Superior & Boston Copper Company

, known as the

AVALON and ALAMEDA Lodes

situate in Globe mining district,

Gila County, Arizona

in Section 14, Township No. 1 N., Range No. 15 1/2 E.

, designated as Survey No. 3793

executed by Edwin T. Stewart, U. S. Mineral

Surveyor, August 4 - 6, 1921, under my instructions dated

July 20, 1921, 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.

[Handwritten signature]

U. S. Surveyor General for Arizona.