

MAY 24 1913

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(4-683.)

Mineral Survey No. 3057

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Detroit Copper Mining Company of Arizona

KNOWN AS THE

Talc

Copper Mountain and Greenlee Gold Mountain Mining Districts,

Greenlee County, Arizona

Section 15 Uns., Township 4 S., Range 29 E., G. & S., R P.M.

Surveyed under instructions dated March 20, 1913

by E. T. Morton, U. S. Deputy Mineral Surveyor.

Claim located See location notice, 1913

Survey commenced March 23, 1913

Survey completed March 24, 1913

Address of attorneys:

Ellinwood & Ross,

Bisbee, Arizona.

SURVEY NO. 3057.

Feet

Talc.

Beginning at Cor. No. 1

Identical with Cor. No. 1, Famous lode Sur. No. 1710.

On line 2-3 Indiana lode Sur. No. 1711, at N. 74° 37' E.
54.78 ft. from Cor. No. 2A cross (X) chiseled on quartz porphyry 10 x 12 ft. facing
East, scribed 1-3057 with pine post 4 ins. square 3 ft.
high alongside whence.

U. S. L. M. No. 1654 bears S. 75° 47' W. 3642.2 ft.

Thence N. 74° 37' E.

1062

Intersect Shannon Arizona R. R. course Northwest to
Southeast

1183

Intersect Coronado R. R. course Northwest to Southeast.

1208

Intersect Chase Creek course Southeast.

1226.83

Intersect line 4-1 Copper Bluff lode Sur. No. 2709, at
S. 51° 55' E. 106.67 ft. from Cor. No. 1.

1261.3

To Cor. No. 2

Identical with Cor. No. 3 Indiana lode Sur. No. 1711.

A pine post in place 4 ins. square, 3 ft. high, with
mound of stone scribed T 2-3057, whenceA cross (X) and B. R. 2-3057 chiseled on quartz porphy-
ry bluff 2 ft. high, bears N. 55° 35' E. 6.2 ft.

Thence S. 64° 19' E.

115

East end center of the location and lode.

165

Intersect Chase Creek course Southeast.

299.47

To Cor. No. 3

Identical with Cor. No. 4 Famous lode Sur. No. 1710

A pine post in place 4 ins. square, 3.5 ft. high, with
mound of stone scribed T 3-3057. Cor. No. 1 said Famous
lode and intersection of line 4-1 thereof with line 4-1
Copper Bluff lode Sur. No. 2709, br. S. 82° 09' W. 1500
ft. and 128.04 ft. respectively.

Feet	No bearings available.
	Thence S. 74° 37' W.
114.47	Intersect line 4-1 Copper Bluff lode at N. 51° 55' W. 251.48 ft. from Cor. No. 4, and S. 51° 55' E. 351.52 ft. from Cor. No. 1 and 20.89 ft. from its intersection with line 4-1 Famous lode, Sur. No. 1710.
190	Intersect Coronado R. R. course Southeast to Northwest.
300	Intersect Shannon Arizona R. R. course Southeast to Northwest.
1261.3	To Cor. No. 4 A cross (X) chiseled on quartz porphyry 7 x 8 ft. facing Southeast, with mound of stone alongside, scribed T 4-3057. No bearings available.
	Thence N. 64° 19' W.
184.47	West end center of the location and lode.
299.47	To Cor. No. 1, the place of beginning. Variation at all corners 14° E.

L O D E L I N E .

As near as can be determined from the present developments the vein of this location embraced in this claim extends as follows from the discovery.

Talc lode, 350 ft. N. 74° 37' E. and 911.3 ft. S. 74° 37' W.

The survey of this lode is identical with the location as staked upon the ground.

L O C A T I O N .

This survey is located in Sec. 15 Uns., T. 4 S. R. 29 E. G. & S. R. P. M. Copper Mountain and Greenlee Gold Mining Districts, Greenlee, County, Arizona.

A D J O I N I N G L O D E S

This claim is bounded on the North by Sur. No. 1711 Indiana lode, on the East by Sur. No. 2709 Copper Bluff lode, on the South and West by Sur. No. 1710 Famous lode.

A R E A S.

	Acres
Total area, Talc lode	5.696
Area in conflict with	
Sur. No. 2709, Copper Bluff lode ----	0.336
Sur. No. 2709, Copper Bluff lode, (exclusive of its conflict with Sur. No. 1710 Famous lode, .022,) ---	0.314
Sur. No. 1710, Famous lode -----	2.848
Sur. No. 1710, Famous lode (exclusive of its conflict with Sur. No. 2709 Copper Bluff lode, .022,) --	2.826

EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

No. 1 The discovery showing mineral in place is on the lode line 350 ft. from line 2-3.

No. 2 A shaft, the center of which bears from Cor. No. 2 S. 64° 45' W. 342 ft., 5 x 6 ft., 10 ft. deep.

Value \$100.00

No. 3 A tunnel the mouth of which bears from Cor. No. 2 N. 80° 20' W. 437 ft. 5 x 6 ft., running S. 22° 19' W. 101 ft., thence S. 13° W. 42 ft., thence S. 33° W. 38 ft., thence S. 51° 30' E. 106 ft. The last 50 ft. of this tunnel is on the Talc lode and is accredited hereto, the first 237 feet being on the Indiana lode, Sur. No. 1711.

Value of the last 50 ft. \$500.00

R E P O R T

U. S. L. M. No. 1654 is a 6 x 6 in. post properly set

and scribed.

Sur. No. 1710.

Cor. No. 4 Famous lode is a pine post properly set and scribed.

Cor. No. 1 is a cross (X) on bedrock, with pine post alongside properly scribed.

Sur. 1711.

Cor's No's 2 and 3 Indiana lode are pine posts properly set and scribed.

Sur. No. 2709.

Cor's No's 1 and 4 Copper Bluff lode are pine posts properly set and scribed.

The end centers of this lode are mounds of stone.

The differences between these field notes and location certificate are due to errors in the latter.

*


U. S. Mineral Surveyor.

* I find that the nearest corner of the public land survey to this survey is the S. W. Cor. Sec. 13, T. 4 S., R. 29 E. and it is not within two miles. The corners that were within two miles have been obliterated.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by E. T. Morton

United States ~~Deputy~~ 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

The Detroit Copper Mining Company of Arizona

known as the Talc

and showing the respective capacities in which they acted.

J. L. Awalt, *Chainman.*

_____, *Chainman.*

_____, *Arman.*

_____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~We~~, I, J. L. Awalt

~~and~~ _____, do solemnly swear that ^I~~we~~ assisted E. T. Morton

_____, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of The Detroit Copper Mining Company of Arizona

known as the Talc

represented in the foregoing field notes as having been surveyed by said deputy 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 instructions

furnished by the United States Surveyor-General for Arizona

J. L. Awalt, *Chainman.*

_____, *Chainman.*

_____, *Arman.*

_____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 22nd

day of May, 1913

H. S. Bradford
Notary Public

My commission expires July 19-1916

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, E.T. Morton, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 20, 1913, 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 The Detroit Copper Mining Company of Arizona, known as the Talc, situate in Copper Mountain and Greenlee Gold Mountain Mining Districts Greenlee County, Arizona, in Section 15 Uns., Township No. 4 S., Range No. 29 E.G. & S.R.P.M., and designated as Survey No. 3057, 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.

E.T. Morton
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said E.T. Morton
U. S. Deputy Mineral Surveyor, before me

H.S. Brasfield this 22nd
day of May 1913

H.S. Brasfield
Notary Public

My commission expires July 19-1916

Notice of Mining Location

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the "TALC" Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase

by The Detroit Copper Mining Company of Arizona, a Corporation organized under the laws of the state of Michigan.
(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 4th day of January 1913.

The length of this claim is 1260.9 feet, and 35.0 claims 35.0 feet, in a N. 74° 37' E direction and

910.9 feet in a S. 74° 37' W direction from the center of the discovery ^{point} ~~shaft~~, at which this notice is posted, lengthwise of the claim, together with 92.4 feet in width of the surface grounds, on each side

of the center of said claim. The general course of the lode deposit and premises is from the Northeast to the Southwest

The claim is situated and located in the Copper Mountain Mining District, in Greenlee County, in the State of Arizona, ~~about~~ in a direction from

The Northeast corner is identical with the Southeast corner No 3 of U.S. Mineral Survey No 1711.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

a monument of stones

at a point in a Northeasterly direction 35.0 feet from

the discovery ^{point} ~~shaft~~ (at which this notice is posted), being in the center of the Easterly

end line of said claim; thence S. 51° 55' E 115 feet to a post and mound of stones, being the Southeast corner of said claim; thence

S. 74° 37' W 1260.9 feet to a post and mound of stones, being at the Southwest corner of said claim; thence N. 51° 55' W 115 feet

to a mound of stones at the center of the Westerly end of said claim; thence N. 51° 55' W 115 feet to a post and mound of stones, being at the

Northwest corner of said claim; thence N. 74° 37' E 1260.9

feet to a post and mound of stones at the Northeast corner of said claim; thence S. 51° 55' E 115 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the grounds this 4th day of January 1913

Witness
A. S. Livingston

The Detroit Copper Mining Co. of Arizona.
J. J. Thomson
General Manager

STATE OF ARIZONA,

County of _____

ss.

I, _____, County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at _____ o'clock _____ M., on this _____ day of _____, 191____, and duly recorded in Book No. _____ of _____ Records of _____ County, Arizona, at pages _____

WITNESS my hand and official seal the day and year first above written.

County Recorder.

MAR. 20. 1913

1604

Notice of Location

LODE CLAIM
"TALC"

The Detroit Copper Mining Co. of Arizona

Dated Jan 4, 1913

Filed and Recorded at request of

H. L. M. Co.

at Machuk A. D. 1913

Book # 178

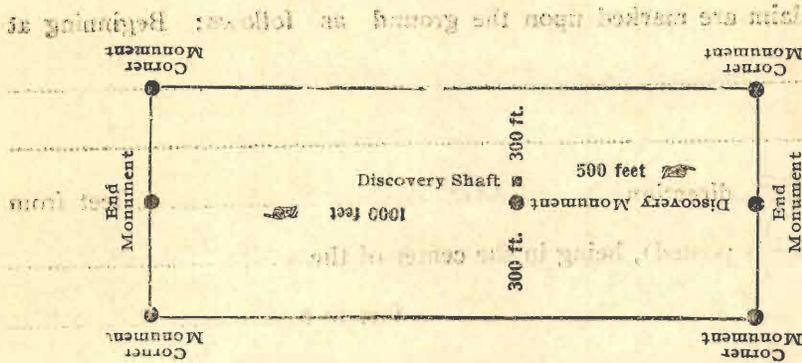
Pages # 78

By H. E. Steely
County Recorder.

H. E. Steely
County Recorder.

Deputy Recorder.

H. E. Steely
Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Excerpts from the Mining Laws of the State of Arizona.

Title XLVII of the Revised Statutes of 1901, and Amendments Thereto.

Sec. 2. Such location shall be made by erecting at or contiguous to the point of discovery a conspicuous monument of stones not less than three feet in height, or an upright post, securely fixed, projecting at least four feet above the ground, in which monument of stones or on which post there shall be posted a location notice which shall be signed by the name or names of the locator or locators.

Sec. 4. From the time of the location of a mining claim, as above specified, the locator shall be allowed ninety days within which to do or cause to be done the following things: * * * * *

2. To sink a discovery shaft in the claim to a depth of at least eight feet from the lowest part of the rim of the shaft at the surface, and deeper, if necessary, until there is disclosed in said shaft mineral in place.

Sec. 6. Such surface boundaries shall be marked by six substantial posts projecting at least four feet above the surface of the ground, or by substantial stone monuments at least three feet high, to-wit: One at each corner of said claim and one at the center of each end-line thereof.

Sec. 8. Location notices may be amended at any time and the monuments changed to correspond with the amended location; Provided, That no change shall be made that will interfere with the rights of others.

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

Department of the Interior,
OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 9, 1913

I, U. S. Surveyor-General for Arizona
do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey
of the mining claim of

THE DETROIT COPPER MINING COMPANY OF ARIZONA

known as the T A L C

situate in COPPER MOUNTAIN AND GREENLEE GOLD MOUNTAIN

Mining Districts GREENLEE County, ARIZONA.

in Section 15 Uns, Township No. 4 S., Range No. 29 E., and

designated as Survey No. 3057, 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 improve-
ments made upon said mining claim by claimant or its grantors, and that said improvements
consist of 1 shaft and 50 ft. of tunnel, total value \$600.00

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 S. Ingalls

United States Surveyor-General for Arizona.

4-687.

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.

September 9, 1913.

I, U. S. Surveyor-General for Arizona

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

THE DETROIT COPPER MINING COMPANY OF ARIZONA

, known as the

T A L C

situate in COPPER MOUNTAIN AND GREENLEE GOLD MOUNTAIN mining district, S

GREENLEE

County,

ARIZONA

in Section 15 Uns., Township No. 4 S., Range No. 29 E.

designated as Survey No. 3057

executed by E. T. Morton, U. S. Deputy Mineral

Surveyor, March 23, -24, 1913, 190, under my instructions dated

March 20, 1913, 190, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

Frank S. [Signature]

U. S. Surveyor-General for Arizona.