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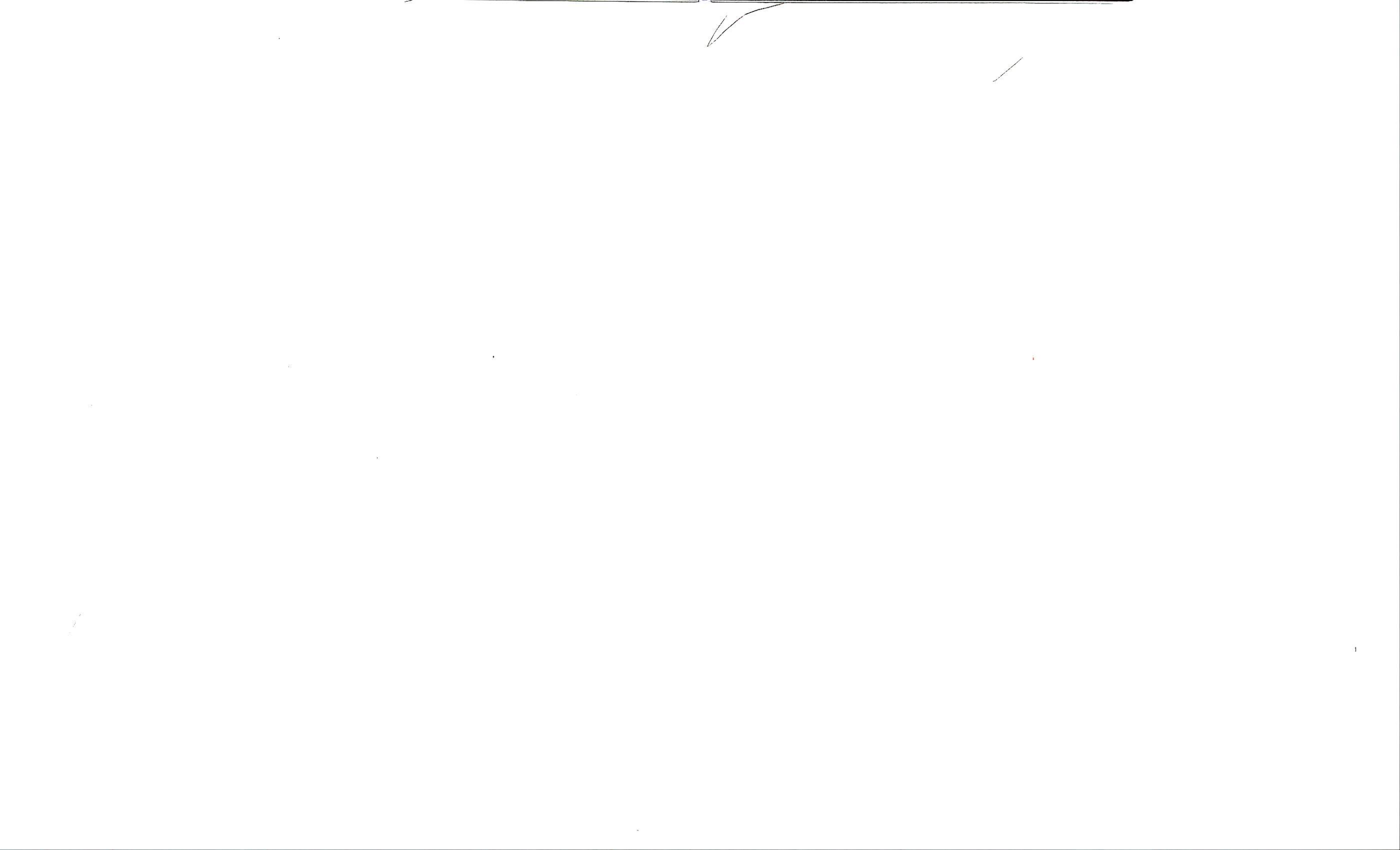
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cap. E. V.  
Jan. 19/06

REC-1-1905  
Jan. 11/06

(4-683.)

Mineral Survey No. 2168

Lot No. \_\_\_\_\_

Arizona

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Lake Superior and Pittsburg Mining Co.

J. M. O'Sonnell atty.

KNOWN AS THE

Eureka

Warren

Mining District,

Yochis

County,

Arizona

Section approx

Township 23 S

Range

26 2nd SRB and M.

Surveyed under instructions dated Sept 29, 1905

by Franklin W Smith

U. S. Deputy Mineral Surveyor

Claim located see location notes, 1

Survey commenced September 26, 1905

Survey completed September 26, 1905

4-6-1905

Post office address of claimants attorney  
Bisbee Yochis County Arizona

File

Feet

Beginning at Cor.No.1 the SW cor identical with location situated on line 3-4 South Pole lode, Survey No.1394 and identical with Cor No.5, Bay State lode, Survey No.1394 a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 1-2168 E L whence a pine post of same dimensions and scribed B. P. 1-2168 brs. N. 8° 39' E. 10 ft and a second pine post of same dimensions and scribing brs S. 70° 21' E. 10 ft and U S M M No. 3 Warren Mining District brs. S. 67° 0' 30" W. 3211.7 ft.,

Thence N. 8° 39' E.

88.6 along line 5-4 Bay State lode, Survey No.1394 to Cor.No 2 the NW cor identical with location and with Cors No.2 William A lode, Survey No.1394, and Magenta lode Survey No.1479, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 2-2168 E L, whence a pine post of same dimensions and scribed B. P. 2-2168 brs S. 8° 39' W. 10 ft and a second pine post of same dimensions and scribing brs S. 70° 21' E. 10 ft.,

Thence S. 70° 21' E.

22.0 to original location for N E C.,

44.1 same bearing to Cor.No.3, the NE cor identical with location a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2168 E L whence a pinepost of same dimensions and scribed B. P. 3-2168 brs N. 70° 21' W. 10 ft and a second pine post of same dimensions and scribing brs. S. 18° 39' W. 10 ft.,

Thence S. 8° 39' W.

88.6 to Cor.No.4, the SE cor identical with location situated on line 3-4 South Pole lode Survey No.1394 and identical with *whence Cor. No.2 of this survey brs N. 70° 21' W. 10 ft* Cor.No.3 Magenta lode, Survey No.1479 <sup>↑</sup> a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-2168 E L, whence a pine post of same dimensions and scribed B. P. 4-2168 brs N. 70° 21' W. 10 ft and a second pine post of same dimensions and scribing brs N. 8° 39' E. 10 ft.,

- 22.1. Thence N. 70° 21' W  
 along line 3-4 South Pole lode, Survey No.1394 to original  
 location for S E C .,  
 44.1 same bearing to Cor.No.1 the place of beginning.

## Ledge.

The presumed course of the vein on this claim is from  
 the N E C location S. 8° 39' W. 88.6 ft.

## A R E A

Total area Eureka lode,	0.088 ac
Less area in conflict with Magenta lode Survey No. 1479,	<u>0.044</u>
Net area Eureka lode,	0.044 ac.

## IMPROVEMENTS.

I certify that the value of the labor and improvements  
 on this claim placed thereon by the claimant or its grantors  
 is as follows:

- No.1 Discovery shaft 4x6x10 ft hrs from N E C of location S.  
 8° 39' W. 50 ft., Value, \$100.00  
 Note Complete affidavit of \$500 improvements will be furnished  
 prior to the expiration of the period of publication.

## ADJOINING CLAIMS.

- North William A. lode, Survey No.1394, Calumet & Pittsburg  
 Min Co owner.  
 East. Magenta lode, Survey No.1479, same owner  
 South South Pole lode, Survey No.1394, Lake Superior & Pittsburg  
 Min Co owner.  
 West Bay State lode, Survey No.1394, same owner

## LOCATION.

This claim is located about 1500 ft in a S direction  
 from Shaft No.2 ~~SE~~ the main working shaft of the Lake Superior  
 & Pittsburg Min Co. on unsurveyed lands in Warren Mining  
 District, Cochise County, Territory of Arizona, approximately  
 into 23 S R 24 E G & S R B & M.

INSTRUMENT.

This survey was made with a C. L. Berger & Sons No. 1  
C transit the courses were deflected from the true meridian  
as determined by solar observation checked by an obser-  
vation on Polaris. the distances were measured with a 300  
ft steel tape. Magnetic variations 12° 30' E.

*Franklin W Smith*

U. S. Deputy Mineral Surveyor.

Bisbee, Arizona,

*Oct 10<sup>th</sup> 1905*

Note

Any discrepancies between the courses and dis-  
tances of this survey and those of the adjoining, conflict-  
ing approved surveys are due to errors in the latter.

Note.

After noting the discrepancies between this survey  
and former surveys the posts were again fully identified,  
the distances carefully measured, and the bearings de-  
termined by direct measurement and checked by triangulation  
The following discrepancies between this survey and form-  
er surveys are reported.

Course 1-2 brs N 8° 39' E 88.6 ft., instead of  
N 20° 16' E 201.4 ft. as reported in survey of Bay  
State lode Survey No. 1394.

Course 2-4 brs. S 15° 26' E 106.2 ft instead of  
S 17° 38' E 250.36 ft..

Course 4-1 brs. N 70° 21' W 44.1 ft. instead of N  
71° 10 ' W 153.84 ft. as reported in Survey of South Pole  
lode Survey No. 1394.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Franklin H. Smith

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.....

Lake Superior and Pittsburg Mining Co.  
known as the Eureka.....

and showing the respective capacities in which they acted.

- J. P. Severent..... Chainman.
- R. G. Ziesemer..... Chainman.
- ..... Arman.
- ..... Flagman.

## FINAL OATHS OF ASSISTANTS.

We, J. P. Severent.....

and R. G. Ziesemer..... do solemnly swear that we assisted Franklin H. Smith..... United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of.....  
Lake Superior and Pittsburg Mining Co.  
known as the Eureka.....

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. P. Severent..... Chainman.
- R. G. Ziesemer..... Chainman.
- ..... Arman.
- ..... Flagman.

Subscribed and sworn to by the above-named persons before me this 10<sup>th</sup>.....

day of October....., 1905

Carroll Smith,

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Franklin W. Smith, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Sept. 19-1905, 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 Lake Superior and Pittsburg Mining so Eureka, known as the Eureka, situate in Warren Mining District, Coconino County, Arizona, in Section approx, Township No. 23d, Range No. N 6 E and S R. B and M and designated as Survey No. 2168, 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.

Franklin W. Smith  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Franklin W. Smith  
U. S. Deputy Mineral Surveyor, before me Corra E. Smith  
this 10<sup>th</sup>  
day of October 1905,

Corra E. Smith

NOTARY PUBLIC  
In and for the County of Coconino, Territory of Arizona  
My Comm. expires March 21, 1908

# Notice of Mining Location

## LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Eureka 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 purposes of exploration and purchase by H. A. Smith, a citizen of the U.S.

(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 15th day of March 1904

The length of this claim is 1500 feet, and I claim 700 feet, in a northerly direction and 800 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 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 N. to the S.

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 10000 ft in a southwesterly direction from U.S.M.M. #4 & is bounded N. by Bay State, E. by Magluta, S. by South Pole & W. By Bay State & South Pole

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

at a point in a northerly direction 700 feet from the discovery shaft (at which this notice is posted), being in the center of the N end line of said claim; thence easterly 300 feet to a monument being the N.E. corner of said claim; thence

Territory of Arizona, (ss. County of Cochise.

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Eureka Mining Claim, filed and recorded in my office on the 14 day of May, 1904, in Book 31 at page 202, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 2nd day of September, A.D. 1905.

*Frank Hare*  
County Recorder.

Record of Mines, Book 31, page 202

# Notice of Mining Location

## LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Eureka 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 purposes of exploration and purchase by H. A. Smith, a citizen of the U.S.

(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 15th, day of March 1904

The length of this claim is 1500 feet, and I claim 700 feet, in a northerly direction and 800 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 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 N. to the S.

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 10000 ft. in a southwesterly direction from U.S.M.M. #4 & is bounded N. by Bay State, E. by Magluta, S. by South Pole & W. By Bay State & South Pole

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

at a point in a northerly direction 700 feet from the discovery shaft (at which this notice is posted), being in the center of the N end line of said claim; thence easterly 300 feet to a monument, being the N.E. corner of said claim; thence southerly 1500 feet to a monument, being at the S.E. corner of said claim; thence westerly 300 feet to a monument at the center of the S. end of said claim; thence westerly 300 feet to a monument, being at the S.W. corner of said claim; thence northerly 1500 feet to a monument at the N.W. corner of said claim; thence easterly 300 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 ground this 15th day of March 1904

H. A. Smith.

Filed and recorded at request of Lake Superior & Pittsburg Dev. Co. May 14, 1904 at 4 P. M. Book 31, page 202, Record of Mines.

TERRITORY OF ARIZONA,  
County of..... } ss.

I....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at..... o'clock,..... M., on this..... day of..... 190..., 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.

# Notice of Location

## LODE CLAIM

*Curta*

Dated..... 190.....

Filed and Recorded at request of

..... A. D. 190.....

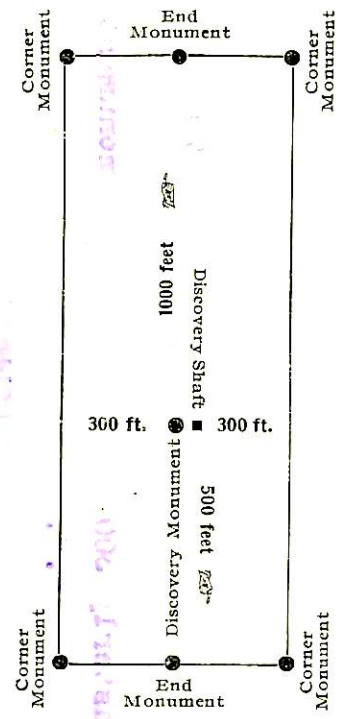
at..... M.

Book.....

Pages.....

County Recorder.

By..... 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.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

Jan. 20<sup>th</sup>, 1906

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 Lake Superior and Pittsburg Mining Co.

known as the Eureka,

situate in Warren,

Mining District, Cochise County, Arizona,

in Section approx., Township No. 23 S., Range No. 24 E., G. & S. R. B., and

designated as Survey No. 2168, 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 <sup>less than</sup> five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements

consist of, at time of survey, one shaft, value \$100.00

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.

(Signed) 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, .....

*Jan. 20, 1906*, 18 .....

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 Lake Superior and Pittsburg Mining Co. .....

....., known as the Eureka, .....

situate in Warren ..... mining district, Cochise ..... County, Arizona, .....

in Section approx. ....., Township No. 23 S., Range No. 24 E., G. & S. R. B. & M. .....

....., designated as Survey No. 2168, .....

executed by Franklin W. Smith, ....., U. S. Deputy Mineral Surveyor, September 26, 1905, ....., 18 ....., under my instructions dated September 19, 1905, ....., 18 ....., 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. A true copy of the copy of the location certificate filed by the applicant for survey is included in the field notes.

*Frank J. Ingalls*

U. S. Surveyor General for Arizona, .....

## SURVEY NO. 2168

## Eureka Lode

owned by the Lake Superior & Pittsburg Mining Co., and situated in the Warren Mining District:

## AFFIDAVIT OF \$500.00 IMPROVEMENTS

I hereby certify that the value of the labor and improvements on this claim, placed thereon by the claimant or its grantors, is not less than \$500.00 and that said improvements were placed on said claim prior to the expiration of the period of publication and that said improvements are as follows:

- No. 1 Discovery shaft 4 x 6 x 20 feet deep in solid rock bears from N E C location S 8° 39W 50 ft value \$200.00

NOTE: The above shaft is the original discovery shaft sunk 10 feet deeper.

- No. 2 Shaft 4 x 6 x 20 ft deep in solid rock brs from Cor No. 1 N 10° 1'E 50.0 ft value 200.00

- No. 3 Shaft 4 x 6 x 10 ft deep in solid rock brs from S E C N 8° 39' E 10.0 ft value 100.00

\$500 accredited from drift from the Cole shaft of the Lake Superior & Pittsburg Mg. Co., 500.00

Total Improvements - - \$ 1000.00

Upon the Atlas lode Sur. No. 1393, a four-compartment shaft has been sunk to the depth of 1225 feet for the purpose of developing the underground ore deposits of the surrounding claims of the Lake Superior & Pittsburg Mining Company. This shaft is situated about 1500.0 ft north of the Eureka claim, and a drift from this shaft on the 1100 ft. level has been driven for a distance of approximately 800 feet towards the Eureka claim. This drift is 5 x 7 feet in the clear and well timbered; its value at \$20 per foot is \$16,000. \$500.00 of this amount has been accredited to the Eureka claim. As all the other adjoining claims are patented the remaining part of the \$16,000.00 has not been nor will be accredited to any claims.

  
U. S. Dep. Min. Surveyor.

Dated at Bisbee, Ariz.,  
April 26, 1906.



# Affidavit of Five Hundred Dollars Improvements.

We, J. P. Chiado and Harry Locke

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the

Eureka mining claim, situate in Warren

mining district, Cochise County, Arizona Territory, for which The Lake

Superior & Pittsburg Mining Co., by J. M. O'Connell, Attorney

has made application for survey prior to application for patent under the provisions of the Act of Congress approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and

its grants exceed five hundred dollars in value, and further that we are not personally interested in said mine.

*J. P. Chiado*  
*Harry Locke*

TERRITORY OF ARIZONA,  
COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 26th day

[SEAL.]

of April, 1906.

*Stuart Petree*

NOTARY PUBLIC  
In and for the County of Cochise, Territory of Arizona  
My Commission Expires March 12, 1910.

(4-691.)

# Certificate of U. S. Surveyor General

AS TO

Improvements REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

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

do hereby certify that Five Hundred Dollars' worth of labor has been expended or improvements made by claimant or its grantors, upon the mining claim of Lake Superior & Pittsburg Mining Co.,

known as the Eureka

situate in Warren mining district,

Yavapai County, Arizona,

in Section , Township No. , Range No. unsurveyed ;

that said improvements consist of 3 shafts, total value, \$500.00 and

the value in the Cole shaft of the Lake Superior

and Pittsburg Mining Company which has been credited to the

claim, which improvements were made prior to the expira-

tion of the period of publication of notice of application

for patent

, and that no portion of said labor or improvements has been

included in the estimate of expenditures upon any other claim. A copy of the report of

Frank W. Smith, U. S. Deputy Mineral Surveyor, dated

April 28, 1906, is hereto attached.

*Frank S. Ingalls*

U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,  
Phoenix, Arizona,

May 3, 1906, 1

(4-691.)

# Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for.....Dist. of Arizona,....., do hereby certify that Five Hundred Dollars' worth of labor has been expended or improvements made by claimant or its.....grantors, upon the mining claim of.....Lake Superior & Pittsburg Mining Co.,..... known as the.....Eureka....., situate in.....Warren..... mining district,.....Cochise..... County,..... Arizona,..... in Section....., Township No. ...., Range No. unsurveyed.....; that said improvements consist of 3 shafts, total value, \$500.00 and..... \$500.00 of the value in the Cole shaft of the Lake Superior and Pittsburg Mining Company which has been credited to the..... Eureka claim, which improvements were made prior to the expira- tion of the period of publication of notice of application for patent.....

....., and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim. A copy of the report of Franklin W. Smith,....., U. S. Deputy Mineral Surveyor, dated April 26, 1906,....., 18, is hereto attached.



U. S. Surveyor General for..... Arizona.....

Office of U. S. Surveyor General,

..... Phoenix, Arizona,.....,

..... May 3, 1906....., 1

# SURVEY NO

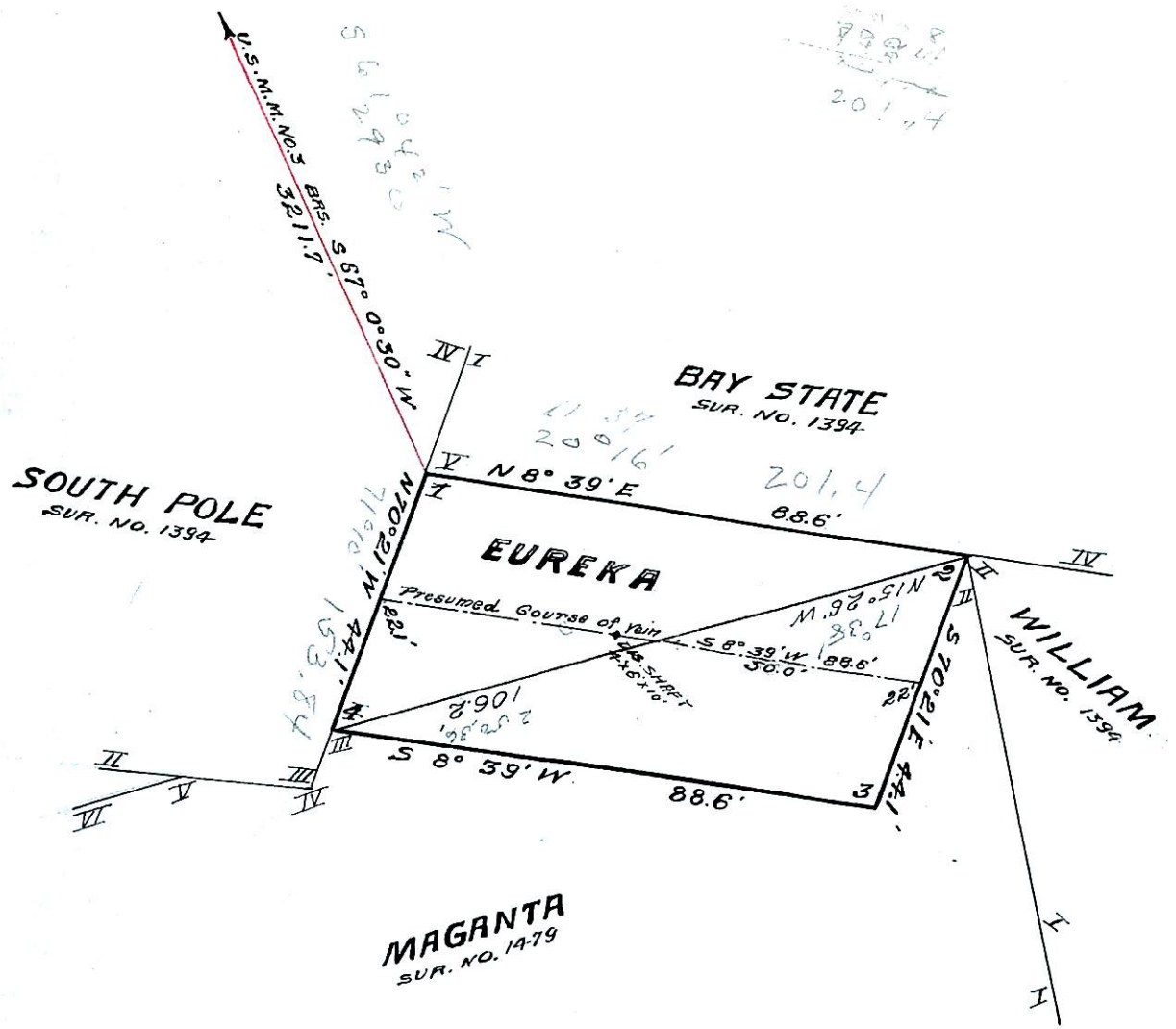
## -2168-

SCALE 30' = 1'



$\frac{25814}{153.84}$

779.41  
201.4



TOTAL AREA OF EUREKA  
 CONFLICT VS MAGANTA  
 NET AREA OF EUREKA

0.088 ACRES  
 0.084 "  
 0.094 "

