

M  
S  
.

0

0

9

5

9

2d  
g.c.

(4-683.)

Mineral Survey No. 959.

Lot No. 64

Gila Land District.

FIELD NOTES

Re -  
OF THE SURVEY OF THE MINING CLAIM OF  
The Copper Queen Consolidated  
Mining Company

KNOWN AS THE  
"Motvina"

Warren Mining District,  
Cochise County, Arizona

Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_

Surveyed under instructions dated Feb 12<sup>th</sup>, 1891.  
by H. G. Howe,  
U. S. Deputy Mineral Surveyor

Claim located July 28, 1880.  
Survey commenced February 16<sup>th</sup>, 1891  
Survey completed February 20<sup>th</sup>, 1891.

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, S. B. Whitham and Charles Stewart,  
do solemnly swear that we will well and faithfully execute the duties of chain carriers;  
that we will level the chain upon even and uneven ground and plumb the tally-pins,  
either by sticking or dropping the same; that we will report the true distance to all  
notable objects, and the true length of all lines that we assist in measuring, to the best  
of our skill and ability, and in accordance with instructions given us, in the survey of  
the Mining Claim of The Copper Queen Con-  
solidated Mining Co., known as the  
Molvina Mining Claim  
situate in Warren, mining district,  
Cochise, County, Arizona,  
in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_.

S. B. Whitham, Chainman.  
Charles Stewart, Chainman.

Subscribed and sworn to by the above-named persons before  
me this 16<sup>th</sup> day of February, 1891.

S. C. Pinn  
Notary Public

I, \_\_\_\_\_, do solemnly swear that I will well and  
truly perform the duties of axeman, in the establishment of corners and other duties,  
according to instructions given me and to the best of my skill and ability, in the survey  
of the Mining Claim of The  
\_\_\_\_\_ known as the \_\_\_\_\_,  
more fully described in the preceding affidavit.

\_\_\_\_\_, Axeman.

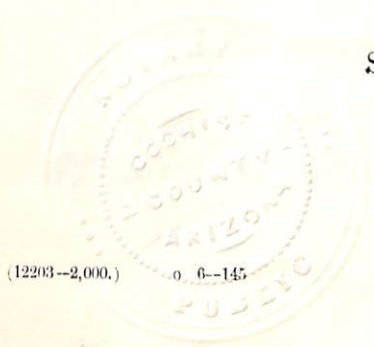
Subscribed and sworn to by the said \_\_\_\_\_  
before me this \_\_\_\_\_ day of \_\_\_\_\_,  
18 \_\_\_\_\_.

I, John A. Heatter, do solemnly swear that I will  
well and truly perform the duties of flagman, in the establishment of corners and other  
duties, according to instructions given me and to the best of my skill and ability, in the  
survey of the Mining Claim of The Copper Queen  
Consolidated Mining Co.  
known as the Molvina,  
more fully described in the preceding affidavit.

John A. Heatter, Flagman.

Subscribed and sworn to by the said John Heatter  
before me this 16<sup>th</sup> day of  
February, 1891.

S. C. Pinn  
Notary Public



Field Notes.  
 of the  
 Re-Survey  
 of the  
 Molvina Mining Claim in the  
 Warren Mining District Cochise  
 County Arizona Territory.

Claimed by  
 The Copper Queen Consolidated  
 Mining Company.  
 Ben Williams Agent.

Surveyed by A. G. Howe U.S. Deputy  
 Mineral Surveyor, under instruc-  
 tions from the Surveyor General  
 of date Feb 12<sup>th</sup> 1891.

Survey commenced Feb. 16<sup>th</sup> 1891.  
 Survey completed Feb. 20<sup>th</sup> 1891.

Description of Survey.

Feet. Beginning at the Initial mon-  
 ument mentioned in location  
 notice and marking the northerly  
 center end of claim, where I find  
 a 2x4 in stake, by side of 4x4 in. Post,  
 in a monument of stone 4ft. at  
 base and 8ft. high, stake marked  
 N cent Molvina. In certified copy  
 of location it is given "Molvina".  
 Post marked I.M. M.M.C. No. 1.

Thence N 77° 47' W

200 N 40' East

277.8 Intersect S.E. side line Aurora.

Feet. Mining Claim, which bears  $N 28^{\circ} 10' E$ .  
299. To a  $2 \times 4$  in. stake also a  $4 \times 4$  in. Post by its  
side being the N.W. cor Posts in mon of  
stone 4 ft. at base and 2 ft. high.  
Post marked M.M.C. No 2.  
Thence  $S 11^{\circ} 06' W$ .

var  $11^{\circ} 40'$  East.

79. Intersect S.E. side line Aurora  
Mining claim,  $N 28^{\circ} 10' E$  734 ft.  
from S.E. cor.
210. Road easterly & westerly.
238. Gulch drains easterly.
480. Northerly side of Catholic Church 28 ft. west  
from N.E. cor.
505. Leave southerly side of church.
855. Intersect northerly side line Copper-  
operis mining claim  $N 64^{\circ} 45' W$   
36 ft. from N.E. cor. remains of mon.
1163. And 6 ft. to left easterly center stake  
of copperoperis. mining claim
1220. Intersect easterly end line copperoperis  
mining claim, bears  $N 16^{\circ} 25' E$
- 1335.6 To a  $2 \times 4$  in Stake by side of  $4 \times 4$  in Post in  
mon of stone 4 ft. at base and 2 ft.  
high.  
Post marked M.M.C. No. 3.  
From which a  $2 \times 4$  in stake in mon.  
S.E. cor copperoperis bears  $N 75^{\circ} 30' W$  10.5 ft.  
Thence  $S 77^{\circ} 47' E$   
var  $11^{\circ} 40'$  East.
- 247.3 Intersect westerly end line Copper King  
M.C. Lot No 54.  $S 1^{\circ} 0' E$  206 ft. from Post.  
C.K.N.Y.
300. To a  $2 \times 4$  in stake by side of  $4 \times 4$  in Post in  
mon. of stone 4 ft. at base and 2 ft.  
high. sets on point of limestone ridge.  
Post marked M.M.C. No 4.  
From which Pinon Pine 8 in diam,  
blazed and marked M.M.C. No 4. B.T.  
bears.  $S 10^{\circ} E$  8 ft.

- Feet. Thence  $S77^{\circ}47'E$   
Var  $11^{\circ}40'$  East.
300. To a  $2 \times 4$  in Stake and  $4 \times 4$  in Post in same mon. 4ft at base and 2ft high. Post marked M.M.C. No. 5. Thence  $N11^{\circ}06'E$   
Var  $11^{\circ}40'$  East.  
Descending North slope of hill.
325. Intersect North side line Copper King M.C. Lot 54.  $N84^{\circ}42'E$  413. ft. from Post C.K.N.W. and 231. ft from mon S.W. cor. Copper Prince: <sup>and from which mon Post C.P.N.W. cor</sup>  
~~from~~  $N11^{\circ}55'E$  351.4 ft.
623. Edge of Gulch drains easterly.
637. Intersect North line Copper Prince M.C. Lot No. 38.  $S85^{\circ}41'E$  220. ft. from Post C.P. N.W. Cor.
700. Foot of Steep Butte.
770. Top of Butte or Bluff.
- 1335.6 To a  $2 \times 4$  in Stake by side of a  $4 \times 4$  in Post in mon of stone 4ft at base and 2ft high. Post marked M.M.C. No. 6. From which U.S.M.M. No. 1. bears  $S60^{\circ}26'E$  2108.7 ft.  
Thence  $N77^{\circ}47'W$   
Var  $11^{\circ}40'$  East.
300. To Post I.M.M.C. No. 1. and place of beginning Survey of exterior lines.

## Area.

Total area of claim	18.39 Acres.
Less conflicts not claimed with the Copper King M.C. Lot No 54. of	2.27 acres.
and Copper Prince M.C. Lot No 38 of.	1.65 acres.
Claims Officially surveyed.	
Less conflicts with unsurveyed claims. Copperopolis. of	.14 acres
and Aurora. of.	.01 = <u>4.07</u>
Net area	14.32 Acres.

Location.

This claim is located in the Warren Mining District Cochise County Arizona. And extends North and South of the gulch or wash and is about Seven hundred yds above the Copper Queen Smelters. and four hundred yards above the old location of the Martin Smelter. This mining claim conflicts with the Aurora mining claim at the N.W. cor. and at the South west corner with the Copper operlis. And conflicts with the Copper King M.C Lot 54 and the Copper Prince M.C. Lot No 38. at the S.E. cor. Upon the South by the Copper Princess.

Improvements.

Made upon this claim by claimants or grantors consist of a tunnel 4x6ft. 46ft long.  $59^{\circ}35'N$  230.ft. from Post. I.M.M.C.No.1.

A shaft 4x6ft. 47ft. deep.  $N54^{\circ}28'E$  466.ft from Post. I.M.M.C.No.3.

A cut 5x7ft. 6ft. deep.  $S78^{\circ}09'E$  237.ft. from Post. I.M.M.C.No.3.

And I hereby certify that the value of said improvements exceeds in value the sum of five hundred dollars.

The improvements made upon this claim by others than claimants. consist of a Catholic Church  $42\frac{1}{2}$  ft. x  $22\frac{1}{2}$  ft. (adobe) about  $\frac{1}{2}$  stands upon the claim. and the J.H. Hoodley House. 10ft wide 76.5 ft. long frame house.  $S8^{\circ}35'N$  260.ft. from Post I.M.M.C.No.1.

Instruments used a young's improved solar Transit and Steel Tape.

Var. and courses taken by use of Solar apparatus:-

A. G. Howe U. S. Deputy  
Mineral Surveyor.

Tombstone April 2nd/91.



# Affidavit of Five Hundred Dollars Improvements.



We, S. B. Withers and Charles Stewart,

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Molvena mining claim, situated in

the Warren Mining District, Cochise County,

Arizona Territory, for which The Copper Queen Consolidated Mining Company

have 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, S and their grantor, S exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

S B Withers

Charles Stewart

TERRITORY OF ARIZONA,  
County of Cochise } ss.

SWORN to and subscribed before me, this 20<sup>th</sup> day  
of February 1898

A C Dennis  
Notary Public



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by A. G. Howe,  
 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 Copper Queen Consolidated Mining Co.  
 known as the Molvina  
 and showing the respective capacities in which they acted.

S. B. Whitburn, Chainman.  
Charles Stuart, Chainman.  
 \_\_\_\_\_, Assessor.  
John A. Heatter, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, S. B. Whitburn Charles Stuart  
 and John A. Heatter, do solemnly swear that we assisted  
A. G. Howe, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of

The Copper Queen Consolidated Mining Co., known as the  
Molvina mining claims, 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.

S. B. Whitburn, Chainman.  
Charles Stuart, Chainman.  
 \_\_\_\_\_, Assessor.  
John A. Heatter, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 20<sup>th</sup> day of February, 1891.

S. E. Perrin  
 Notary Public



(4-686.)

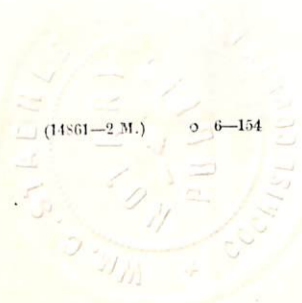
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, A. G. Howe, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated February 13<sup>th</sup>, 1891, 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 Copper Queen Consolidated Mining Co. Ben Williams Agent, known as the Molvina, situate in the Warren Mining District, Cochise County, Arizona, in Section           , Township No.           , Range No.           , and designated as Survey No. 959, 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 their 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.

A. G. Howe  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said A. G. Howe,  
U. S. Deputy Mineral Surveyor, before me Wm C Staehle  
Notary Public this twelfth  
day of March, 1891.

Wm C Staehle  
Notary Public



## Dolvina Mine,

Location Notice, Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress, Approved May 10, 1872, have this day located and claim fifteen (15) hundred linear feet along the course of this lead, lode, or vein of mineral bearing quartz, and 300 three hundred feet in width on each side of the middle of said lead lode or vein, situate in the Mule Mountains, Warren District County of Pima, Territory Arizona, and more particularly described as follows, to wit:

Commencing at this monument of stones being the center of the North end of claim and upon which this notice is posted, thence running Easterly 200 feet, to a monument of stones, thence South fifteen hundred feet to a monument of stones, thence Westerly three hundred feet to a monument of stones being the center of the South end of claim, thence West three hundred feet to a monument of stones; thence North fifteen hundred feet to a monument of stones, thence East three hundred feet to place of beginning, This claim is

situated in the Mule Pass and crosses the Gulch about 400 yards above Martin & Cos Smelter and ends on to the North line of the Copper King mine owned by Mess. Corbin & Co, And shall be known as the Molvina, Located July 28. 1880.

Locators, J. W. Williams, A. S. Neff.

<sup>a</sup> Filed and recorded at request of J. W. Williams, Sept, 23, AD 1880 at 8 Am. S. W. Carpenter, County Recorder, By W. S. Read, Deputy

TERRITORY OF ARIZONA, )  
County of Cochise. ) ss.

I, W. F. Bradley, County Recorder in and for the County of Cochise, do hereby certify that the above and foregoing is a full, true and correct copy of The Location notice of the Molvina mine, Warren Mining District, as appears of record now in my office in Book 6, Page 255 Transcribed Records of Mines.

In witness whereof, I have hereunto set my hand and affixed my official seal, at my office, in Tombstone, this 22nd day of January, A. D. 1891  
W. F. Bradley.  
County Recorder.

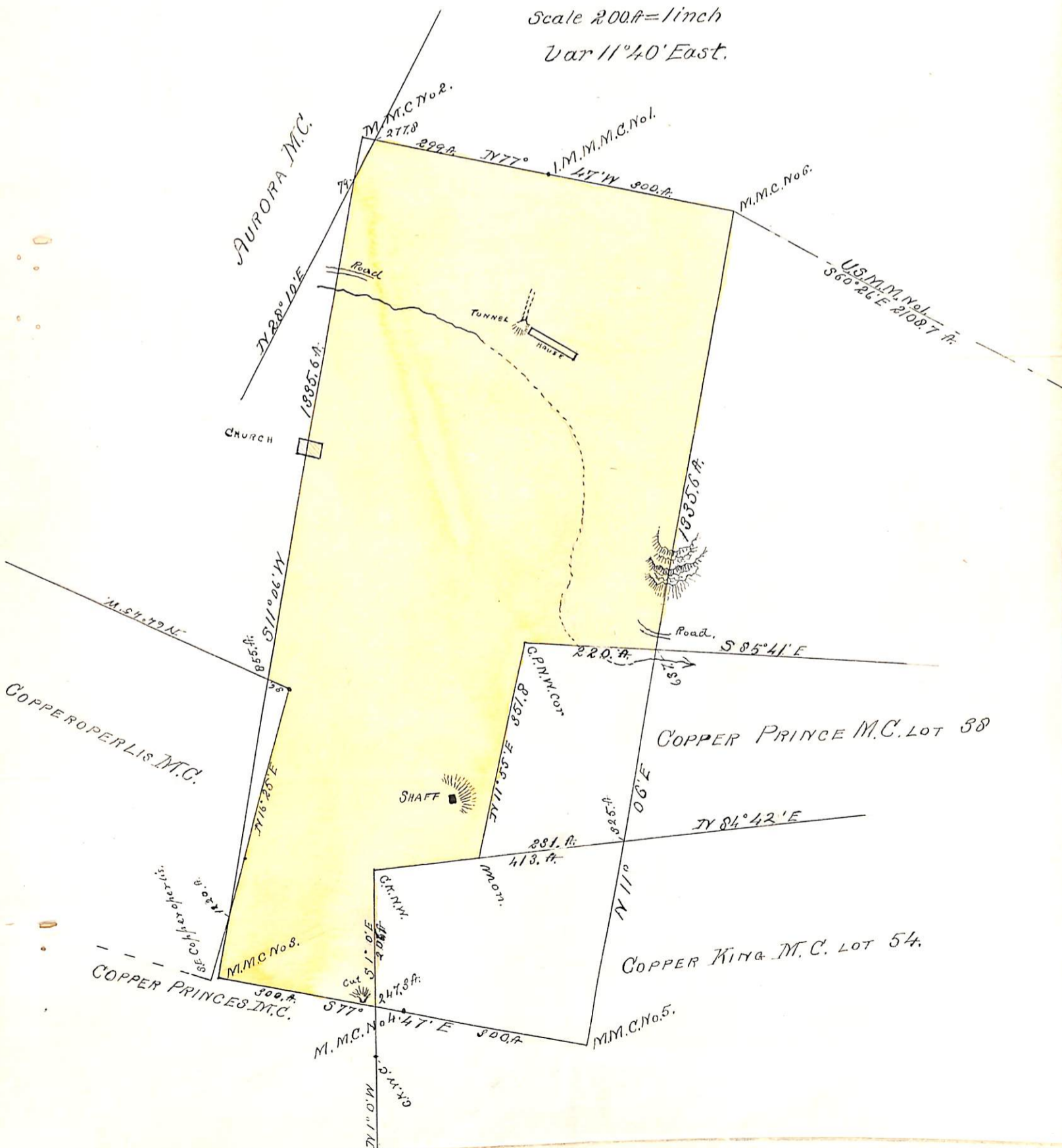
PLAT  
 of the  
 RE-SURVEY  
 MOLVINA MINING CLAIM  
 WARREN MINING DISTRICT  
 COCHISE COUNTY  
 Arizona

Total Area 18.39 Acres.

Net Area 14.41 Acres

Scale 200 ft = 1 inch

Var 11° 40' East.



(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,

Tucson, Arizona

April 21<sup>st</sup>, 1891.

I, U. S. Surveyor General for

Arizona Territory

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

Re-Survey of the Mining Claim of *The Copper Queen*

*Consolidated Mining Company*

, known as the

"*Malvina*"

situate in *Warren* mining district,

*Coconino* County, *Arizona*,

in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_

and \_\_\_\_\_, designated as Survey No. *959*.

executed by *H. G. Howe*, U. S. Deputy Mineral

Surveyor, *February 16/20*, 18 *91*, under my instructions dated

*February 12-*, 18 *91*, 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.

*Charles Johnson*

U. S. Surveyor General for *Arizona*

rd  
W. P. S.

W. P. S.

(4-683.)

Mineral Survey No. ~~1051~~ 959 Amended.

Lot No. ....

Gila Land District.

FIELD NOTES

Amended

OF THE SURVEY OF THE MINING CLAIM OF

Copper Queen Con Mining Co.  
Ben Williams Agent.

KNOWN AS THE

Molvina

Warren Mining District,

Cochise County, Arizona

Section ....., Township ....., Range .....

Surveyed under instructions dated June 21<sup>st</sup>, 1892,

by A. C. Howel,  
U. S. Deputy Mineral Surveyor.

Claim located July 28<sup>th</sup>, 1880.

Survey commenced August 29<sup>th</sup>, 1892

Survey completed August 30<sup>th</sup>, 1892

<sup>6-160</sup>  
Address of claimant  
Bisbee

Cochise County.  
Arizona.



# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, F. J. Bailey and R. S. Hunt,  
do solemnly swear that we will well and faithfully execute the duties of chain carriers;  
that we will level the chain upon even and uneven ground and plumb the tally-pins,  
either by sticking or dropping the same; that we will report the true distance to all  
notable objects, and the true length of all lines that we assist in measuring, to the best  
of our skill and ability, and in accordance with instructions given us, in the survey of  
the Mining Claim of Copper Queen Con. Mining Co.  
Bess Williams Agent, known as the  
Molwind,  
situate in Warren mining district,  
Cochise County, Arizona,  
in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_.

F. J. Bailey, Chainman.  
R. S. Hunt, Chainman.

Subscribed and sworn to by the above-named persons before  
me this 29<sup>th</sup> day of August, 1892,

S. C. Perrin  
Notary Public

I, \_\_\_\_\_, do solemnly swear that I will well and  
truly perform the duties of axeman, in the establishment of corners and other duties,  
according to instructions given me and to the best of my skill and ability, in the survey  
of the Mining Claim of \_\_\_\_\_  
known as the \_\_\_\_\_,  
more fully described in the preceding affidavit.

\_\_\_\_\_, Axeman.

Subscribed and sworn to by the said \_\_\_\_\_  
before me this \_\_\_\_\_ day of \_\_\_\_\_,  
\_\_\_\_\_, 18 \_\_\_\_\_.

I, \_\_\_\_\_, do solemnly swear that I will  
well and truly perform the duties of flagman, in the establishment of corners and other  
duties, according to instructions given me and to the best of my skill and ability, in the  
survey of the Mining Claim of \_\_\_\_\_  
known as the \_\_\_\_\_,  
more fully described in the preceding affidavit.

\_\_\_\_\_, Flagman.

Subscribed and sworn to by the said \_\_\_\_\_  
before me this \_\_\_\_\_ day of \_\_\_\_\_,  
\_\_\_\_\_, 18 \_\_\_\_\_.

## Extract

~~Amended~~ Survey to 959. Amended.  
Malvina lode

Beginning at the Initial Post at the  
Foot northerly center end of lode  
A pine post 5 ft long 4 in sq 1 ft in ground  
in mound of stone marked I. M. Malvina

Thence  $N 78^{\circ} 12' W$ .

Var  $11^{\circ} 40'$  East.

277.8 Intersect easterly side line Aurora lode  
claim  $N 28^{\circ} 0' E$  818 ft from S.E. cor.

300. To cor No 1

A pine post 5 ft long 4 in sq 1 ft in ground  
in mound of stone marked 1/959 M. Lode

Thence  $S 10^{\circ} 33' W$

Var  $11^{\circ} 40'$  East.

73.64 Intersect easterly side line Aurora  
lode claim  $N 28^{\circ} 0' E$  741.3 ft from S.E. cor.

211. To Road bears E. + W.

238. To wash drains easterly.

480. To northerly side Adobe Building 23 ft  
from N.E. cor (formerly used as Catholic  
Church)

505. To south side Adobe building.

855. Intersect northerly side line Copperopolis  
lode claim  $N 64^{\circ} 50' W$  35 ft from N.E. cor

1096 To cor No 2.

A pine post 5 ft long 4 in sq 1 ft in ground  
in mound of stone marked 2/959 M. lode.  
From which original cor bears  $S 10^{\circ} 33' W$   
233.6 ft.

Thence  $S 78^{\circ} 12' E$

Var  $11^{\circ} 40'$  East.

11.6 Intersect easterly end line Copperopolis  
lode claim  $S 16^{\circ} 02' W$  232.26 ft. from N.E. cor.

302. Intersect northerly side line Survey to 375.  
Copper King lode claim lot to 544  $N 84^{\circ} 40' E$   
100 ft from post C.K. N.W. and  $S 84^{\circ} 40' W$  77.50 ft  
from post C.P. S.W. cor.

600. To cor No 3

A pine post 5ft long 4 in sq. 1 ft in ground  
 in mound of stone marked 7959 M lode.  
 From which original location cor bears  
 S 10° 33' W 233.6 ft.

Thence N 10° 33' E

Var 11° 40 East.

91.27 Intersect. northerly side line survey to 375.  
 Copper King lode claim lot to 54 which is  
 also the South side line survey to 285.  
 Copper Prince lode lot to 38 N 84° 40' E

232.26 ft from post C.P. S.W. cor. From this Post  
 Post C.P. N.W. Cor. bears N 11° 45' E - 341.5 ft.

383. To wash drains easterly

394.77 Intersect northerly side line survey to 285.  
 Copper Prince lode lot to 38 S 86° 42' E

217.8 ft from post C.P. N.W. cor.

460. To ft of bluff or butte 80 ft high

530. To top of bluff.

1096. To cor to 4.

A pine post 5ft long 4 in sq 1 ft in ground  
 in mound of stone marked 7959 M lode.  
 From which U.S. M.M. to 1 bears S 60° 26' E  
 2108.73 ft.

Thence N 78° 12' W.

Var 11° 40' East.

300. To Post I.M. Malvina and place of beginning

Area

Total area Malvina Lode	15.092 Acres
Less conflict with survey to 285	
Copper Prince lode lot to 38	1.623 "
and survey to 375 Copper King lode lot to 54	0.312 "
and with the Copperopulis lode	.126 "
and " " Aurora lode	.010 "
both unsurveyed	
Net area	13.021 Acres

### Location

This claim is located in the Warren Mining District Cochise County Arizona about seven hundred yards above the Copper Queen low Mining Co's Smelters, and conflicts with survey No. 375 Copper King lode and with survey No. 285 Copper Prince lode. It also conflicts with the Copperperle and Aurora lodes both unsurveyed.

Expenditure of five hundred dollars. I certify that the value of the labor and improvements upon this claim placed thereon by the claimant and its grantors is not less than five hundred dollars and that said improvements consist of

Discovery tunnel 4x6 ft 40 ft in length in rock face of bears S 41° 35' E 377 ft from cor to 1.

Value of tunnel \$ 480.00

A shaft 4x6 ft 47 ft deep in rock bears from cor No 2. N 81° 15' E 323 ft.

Value of shaft \$ 680.00

### Other Improvements.

A building 22.7 ft by 42.7 ft formerly used for Catholic Church, 1/2 of which stands upon the Molvina Lode.

Mrs J. H. Bradley's house 10 ft wide 76.5 ft long. The S.W. cor. bears from cor. No 1 S 43° 22' E 420. ft.

### Note:

I find from careful triangulation that the courses and some of the distances given in original official survey make an error. viz.

4. 6  
The side lines were returned at  $S. 11^{\circ} 06' W.$  +  $N. 11^{\circ} 06' E.$  when they should be  $S. 10^{\circ} 33' W.$  +  $N. 10^{\circ} 33' E.$  and the distance side lines were given at 1335.6 when they are but 1329.5 feet.

The courses of the end lines were returned at  $N. 77^{\circ} 47' W.$  +  $S. 77^{\circ} 47' E.$  when they should be  $N. 78^{\circ} 12' W.$  +  $S. 78^{\circ} 12' E.$  The Easterly side line of Aurora was returned as  $S 28^{\circ} 10' W$  when it should be  $S 28^{\circ} 0' W.$

The Northerly side line of Copperopolis was returned as  $N. 64^{\circ} 45' W.$  when it should be  $N. 64^{\circ} 50' W.$

The Easterly end line Copperopolis was returned as  $N. 16^{\circ} 25' E$  when it should be  $N. 16^{\circ} 15' E.$

The Northerly side line Copper King lode lot No. 54 was returned at  $N 84^{\circ} 42' E$  when it should be  $N 84^{\circ} 40' E.$

The westerly end line Copper Prince lode lot No. 38. was returned at  $N. 12^{\circ} 53' E.$  when it should be  $N. 11^{\circ} 45' E.$  and this distance was returned (of west end line) as 344 ft when it should be 341.5 ft.

The Northerly side line Copper Prince lode lot No 38 was returned at  $S 85^{\circ} 42' E.$  when it should be  $N 86^{\circ} 12' W.$

### Instrument

The survey was made with a Young and Sons Mountain Transit No 5585 with Smiths Solar attachment.

The courses were deflected from the true meridian as determined by solar observations.

The distances were measured with a 100 ft steel tape.

H. C. Howel

U. S. Deputy Mineral Surveyor.

Tombstone

Dec 15<sup>th</sup> 1892.

**Affidavit of Five Hundred Dollars Improvements.**

We, F. J. Bailey and R. S. Hunt

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

Molvina mining claim, situated in

Warren Mining District, Cochise County,

Arizona Territory, for which Copper Queen Con Mining

Co. by Ben Williams Agent.

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 their grantors exceed Five Hundred Dollars in value, and further that we are not

personally interested in said mine.

F. J. Bailey  
R. S. Hunt

TERRITORY OF ARIZONA,  
County of Cochise } ss.

SWORN to and subscribed before me, this 10<sup>th</sup> day

of September 1892

A. C. Ferrin  
Notary Public



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by H. C. Howe  
 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 Copper Queen Con. M'g Co. Ben Williams Agent.  
 known as the Molvina,  
 and showing the respective capacities in which they acted.

F. J. Bailey, Chainman.  
R. S. Hunt, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, F. J. Bailey and R. S. Hunt,  
 and \_\_\_\_\_, do solemnly swear that we assisted \_\_\_\_\_  
H. C. Howe, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Copper Queen Con-  
Mining Co. Ben Williams Agent.  
 \_\_\_\_\_, known as the \_\_\_\_\_  
Molvina, 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.

F. J. Bailey, Chainman.  
R. S. Hunt, Chainman.  
 \_\_\_\_\_, Axman  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 10<sup>th</sup> day of September, 18 97

S. C. Perrin  
 Notary Public





(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, H. G. Howe, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 21<sup>st</sup>, 1892, 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 Copper Queen Con. Mining Co. Ben Williams Agent, known as the Molwina, situate in Warren Mining District, Cochise County, Arizona, in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_, and designated as Survey No. 1051 959, 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 their 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.

H. G. Howe  
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said H. G. Howe  
 U. S. Deputy Mineral Surveyor, before me S. C. Pinn  
a Notary Public this Tenth  
 day of September, 1892

S. C. Pinn  
Notary Public

Copy of Location Notice.

Motivica Mine.

Location Notice. Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress, approved May 10. 1872, have this day located and claim fifteen <sup><15></sup> hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and 300 three hundred feet in width on each side of the middle of said lead, lode or vein, situate in the Mule Mountains, Warren District, County of Pima, Territory Arizona, and more particularly described as follows, to wit;

Commencing at this monument of stones being the center of <sup>the</sup> both end of claim and upon which this notice is posted, thence running Easterly 300 feet, to a monument of stones, thence South fifteen hundred feet to a monument of stones, thence Westerly Three hundred feet to a monument of stones being the center of the South End of the claim, thence

West three hundred feet to a monument  
of stones; thence North fifteen hundred  
feet to a monument of stones, thence  
East three hundred feet to place of  
beginning. This claim is situated  
in the Mule Pass, and crosses the Gulch  
about 400 yards above Martin & Co's  
Smelter and ends on to the south  
line of the Copper King Mine, owned  
by Mess Coburn & Co, and shall be  
known as the Molvina.

Located July 28. 1880.

Locators. J. W. Williams  
A. S. Neff.

Filed and recorded at request of  
J. W. Williams Sept 23. A.D. 1880. at  
8. AM. J. W. Carpenter County Recorder  
By W. S. Read deputy.

Territory of Arizona  
County of Cochise

J. W. F. Bradley, County Recorder  
in and for the County of Cochise  
do hereby certify that the above

and foregoing is a full true and correct copy of the Location of the Malvernia Mine, Warren Mining District, as appears of record now in my office in Book: 6, Page 255, Transcribed Records of Mines.

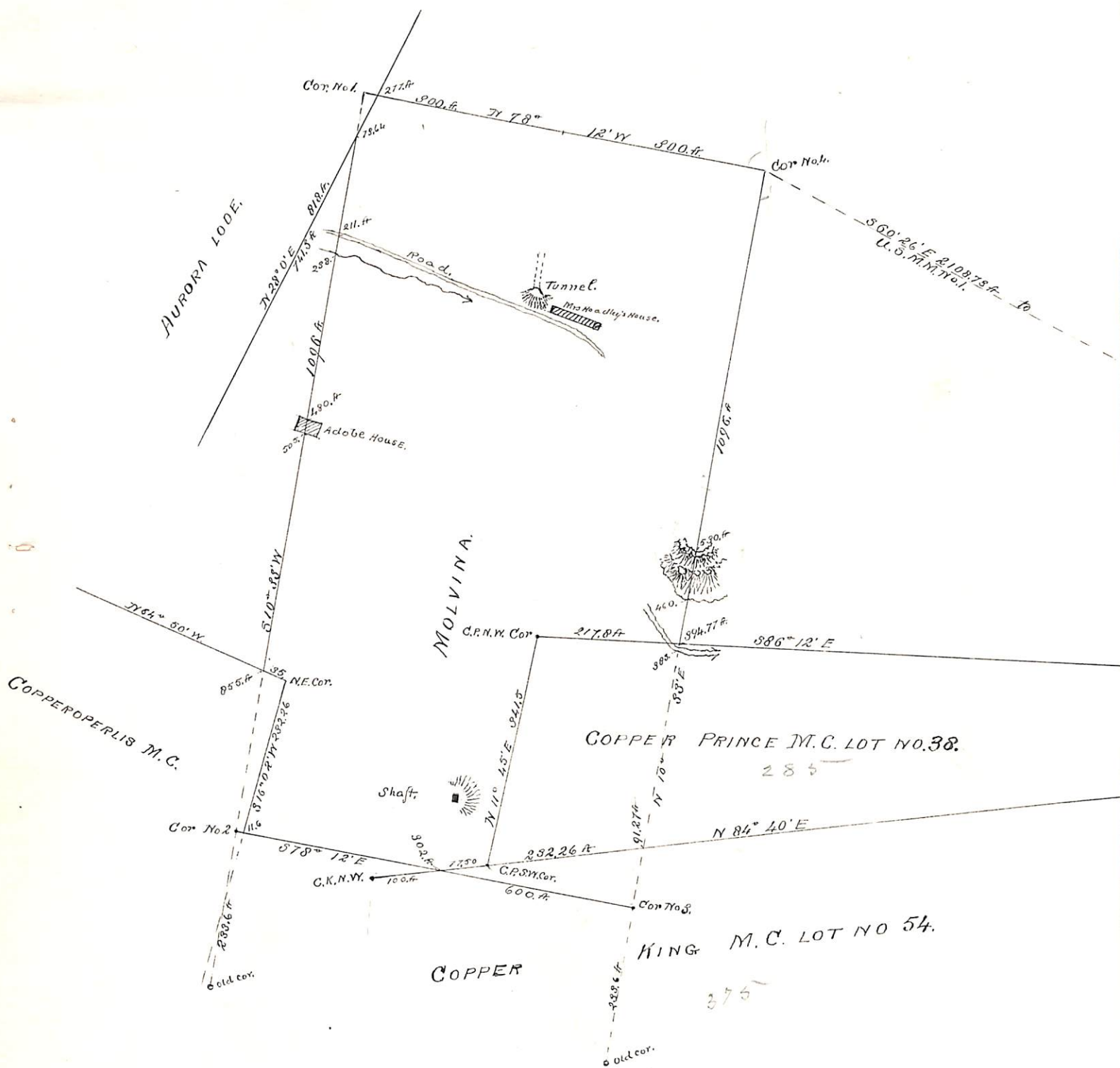
In Witness Whereof I have hereunto set my hand and affixed my officious seal, at my office, in Tombstone, this 22<sup>nd</sup> day of January. A. D. 1891.

W. F. Bradley County Recorder.



Amended SURVEY No 959.

GILA LAND DISTRICT.



SURVEYED AUGUST 29<sup>th</sup> 1892

by H. G. HOWE,

U.S. DEPUTY MINERAL SURVEYOR.

(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,

*Tucson Arizona*

*January 17<sup>th</sup> 1893.*

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

*Copper Queen Consolidated Mining Company*

, known as the

*"Morvina"*

situate in *Warren* mining district,

*Coconino* County, *Arizona*

in Section ~~\_\_\_\_\_~~, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_

*and*, designated as Survey No. *959 Amended.*

executed by *H. G. Howe*, U. S. Deputy Mineral

Surveyor, *August 29-30, 1892*, under my instructions dated

*June 21<sup>st</sup>, 1892*, 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. \_\_\_\_\_

*Raphael Johnson*  
U. S. Surveyor General for *Arizona*

o 6-1c2