

Feb. 9 1913

(4-683.)

Mineral Survey No. 2969

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

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Henry Shaefer

KNOWN AS THE

Hamlin, Emerson, Mill Site  
Wallapai Mining District,

Mohave County, ARIZ.

Section 11, Township 23 N, Range 18. W

Surveyed under instructions dated Feb. 1., 1912

by H. G. Schader

U. S. Deputy Mineral Surveyor

|                  |                             |   |
|------------------|-----------------------------|---|
| Claim located    | <u>See location notices</u> | 1 |
| Survey commenced | <u>Aug-3-1912</u>           | 1 |
| Survey completed | <u>Aug-5-1912</u>           | 1 |

o 6-101

Address;  
S. D. Stewart, Atty.  
Kingman, Arizona.

# Survey No. 2969

Feet

## Hamlin

Beginning at Cor. No. 1 identical with location, a granite stone 8x8x24 ins set 12 ins. in the ground, chiseled H. 1 x 2969.

N. W. Cor. Sec. 11. T 23 N R 18 W bears N40°44' W 1831.1 ft

A granite rock 2x3x4 ft high, chiseled H. 1 x BR 2969 bears N88°16' W 20.2 ft.

## Thence N52°41'E

300. N. W. end center, identical with location, a stone mt.

451.24 Intersect line 4-1 Mill Site Code, this survey.

Cor. No. 4 said Mill Site Code bears S26°47'E 349.23 ft.

600. Cor. No. 2. identical with location, a granite stone 9x9x24 ins. set 12 ins. in the ground, chiseled H. 2 x 2969.

Common stack bears N38°27'E. Disc. shaft Mill Site Code this survey, bears S15°45'E

## Thence S34°46'E

301.16 Intersect line 3-4 Mill Site Code and line 1-2 Emerson Code, this survey. Cor No. 1. said Emerson Code and Cor No. 4 said Mill Site Code, bears S40°37' W 206.73 ft.

1067.38 Intersect line 4-1 Emerson Code, this survey, Cor. No. 1 said Emerson Code bears N50°25' W 741.59 ft

1500. Cor. No. 3. identical with location a granite stone 8x12x34 ins. set 17 ins. in the ground, chiseled H. 3 x 2969.

A granite rock 5x4x4 ft high, chiseled BR H 3 x 2969 bears N25°29'E 22.8 ft.

## Thence S52°11' W

300. S.E. end center, identical with location a stone monument.



Feet

- 2 -

594.7

Cor. No. 4, identical with location  
a granite stone 12 x 16 x 24 ins. set  
12 ins. in the ground, chiseled  
H. 4 x 2969.

A granite rock 10 ft face and 10 ft  
high, chiseled B. R. H. 4 x 2969 bears  
N 15° 25' W. 9.2 ft.  
Gold Back sheave bears S 59° 68' W.

Thence N 34° 58' W

1500.

Cor. No. 1. place of beginning

— Mill Site —

Beginning at Cor. No. 1. identical with  
location and N. W. end center.

A granite rock in place, 18 x 18 ins x 12 ins  
high, chiseled M. S. 1. x 2969  
Altata sheave bears N 80° 30' W.

A granite rock 8 x 8 x 8 ft high, chiseled  
B. R. M. S. 1 x 2969 bears N 66° 49' E 7 ft.  
N. W. Cor. Sec. 11. T. 23 N R 18 W bears  
N 60° 11' 20" W 1667 feet.

Thence N 40° 37' E

150.

Cor. No. 2. identical with location, a  
granite stone 8 x 8 x 24 ins set 12 ins.  
in the ground, chiseled M. S. 2, x 2969  
A granite rock 6 x 7 x 7 ft. high,  
chiseled B. R. M. S. 2 x 2969 bears  
S 45° 09' E 24.6 ft.

Thence S 67° 14' E

619.

Cor. No. 3. identical with location  
and Cor No. 2. Emerson lode, this  
survey, a granite stone 6 x 6 x 24 ins.  
set 12 ins. in the ground, chiseled  
M. S. 3. E. 2. x 2969.

A granite rock 6 x 6 ft x 2 ft high  
chiseled B. R. M. S. 3. E. 2 x 2969  
bears N 67° 48' W 22.9 ft

Altata Sheave wheel bears N 80° W.

Foot

Surv. No. 2969 - Con -

Thence  $S 40^{\circ} 37' 30'' W$

300. S.E. end center, a stone mt. Identical with location and N.W. end center Emerson lode this survey.

384.37 Intersect line 2/3 Hamlin lode this survey. Cor. No. 2. said Hamlin lode bears  $N 34^{\circ} 46' W 301.16$  ft.

591.1 Cor. No. 4, identical with location and Cor. No. 1. Emerson lode this survey, a granite rock in place  $7 \times 7$  ft  $\times$  5 ft high, chiseled M.S. 4 E. 1.  $\times$  2969.

A granite rock 10 ft wide, 10 ft high chiseled B.R. M.S. 4. E. 1.  $\times$  2969 bears  $N 4^{\circ} 59' W 19.2$  ft Connor Stack bears  $N 52^{\circ} 05' W$

Thence  $N 26^{\circ} 47' W$

349.23 Intersect line 1-2 Hamlin lode this survey, Cor. No. 2. said Hamlin lode bears  $N 52^{\circ} 11' E 148.76$  ft.

640.5 Cor. No. 1. place of beginning.

- Emerson -

Beginning at Cor. No. 1 identical with location and with Cor. No. 4 Mill Site lode of this survey, previously described. N.W. Cor. Sec. 11. T 23 N R 18 W bears  $N 50^{\circ} 57' 30'' W 2227.4$  ft.

Thence  $N 40^{\circ} 37' E$

206.73 Intersect line 2-3 Hamlin lode, this survey, Cor. No. 2. said Hamlin lode bears  $N 34^{\circ} 46' W 301.16$  ft

291.1 N.W.E. Center, identical with location previously described

591.1 Cor. No. 2. identical with location and with Cor. No. 3 Mill Site lode of this survey, previously described.

Thence  $S 50^{\circ} 25' E$

1440.2 Cor. No. 3 identical with location



a granite stone 7 x 8 x 30 ins. set 15 ins. in the ground, chiseled E. 3 x 2969.  
 A granite rock, 7 ft high pointed, 8 ft base, chiseled B.R. E. 3 x 2969 bears S 29° 42' N 14.9 ft.

Thence S 40° 37' W

300. S.E. end center, identical with location, a stone mt.

591.1 Cor. No. 4, identical with location, a granite stone 6 x 8 x 24 ins set 12 ins. in the ground, chiseled E. 4. x 2969.

A gneiss rock 2 x 2 ft x 3 ft high chiseled B.R. E. 4 x 2969 bears N 65° 57' E 43.5 ft.

Thence N 50° 25' W

698.66 Intersect line 2-3 Hamlin lode this survey. Cor. No. 3 said Hamlin lode bears S 34° 46' E 432.62 ft. and Cor. No. 2 thereof bears N 34° 46' E 1067.38 ft.

1440.2 Cor. No. 1. place of beginning

— Lode Lines —

From present development and surface outcrops, the veins of the several locations embraced in this claim, extend as follows from their respective discovery points:

- Hamlin lode  
N 34° 46' W 818 ft and S 34° 46' E 682 ft
- Mill Site lode  
N 45° 31' W 386.7 ft and S 67° 21' E 213.7 ft
- Emerson lode  
N 50° 25' W 787.2 ft and S 50° 25' E 653 ft

— Area —

|  | acres  |
|--|--------|
| Total area Hamlin lode                 | 20.543 |
| Conflict with Mill Site lode this sur. | 1.276  |
| " " Emerson " "                        | 1.759  |
| Total area Mill Site lode              | 5.012  |
| " " Emerson "                          | 19.540 |

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Sur No. 2969 - Con -

## - Location -

This survey is located in Hall-  
apai mining district, Mohave  
County, Arizona in Sec. 11.  
T 23 N R 18 W.

The magnetic variation at  
all corners is  $15^{\circ}45' E$ .

## → Expenditure of Five Hundred Dollars

I certify that the value of the  
labor and improvements made upon  
each of the locations embraced in  
said mining claim by the claim-  
ant and his grantors is not less  
than five hundred dollars, and  
said improvements consist of:

## Hamlin

No. 1. Discovery shaft  $4 \times 6 \times 10$  ft deep which  
bears from N.W.E.C.  $S 34^{\circ}46' E$   
818 ft Value 100.00

The location mt, a stone mt, bears  
 $S 34^{\circ}46' E$  10 ft from disc shaft.

No. 2. Tunnel  $3\frac{1}{2} \times 6 \times 120$  ft long, entrance  
bears  $S 34^{\circ}46' E$  601 ft from N.W.E.C  
Course southeasterly

Value 1200.00

No. 3. Shaft  $4 \times 6 \times 20$  ft which bears from  
N.W.E.C.  $S 31^{\circ} E$  533 ft

Value 200.00

No. 4. Shaft  $4 \times 6 \times 72$  ft deep, which bears  
from N.W.E.C.  $S 30^{\circ} E$  488 ft

Value 720.00

No. 5. Shaft  $4 \times 6 \times 10$  ft deep, which is on  
lode line 338 ft from S.E.E.C.

Value 100.00

## Mill Site

No. 1. Discovery shaft  $5 \times 7 \times 34$  ft deep  
Open Cut about the collar of shaft  
is 20 ft long 8 ft wide 8 ft high  
Bears from N.W.E.C.  $S 45^{\circ}31' E$  386.7 ft

Value 540.00

Loc. mt. a stone mt. bears  $N 18^{\circ}45' W$  18.5 ft  
from dis. shaft.



## Emerson

- No. 1. Discovery tunnel 4x6x102 ft. long  
Entrance bears  $N 50^{\circ} 25' W$  653 ft  
from S. E. C. Course S. E. by.  
Value \$1000.00  
Loc. mt, a stone mt bears  $N 40^{\circ} W$   
72 ft. from mouth of discovery tunnel.
- No. 2. Tunnel 4x6x198 ft Raise 4x6x31 ft  
Course of tunnel  $N 79^{\circ} E$  44 ft, thence  
 $S 41^{\circ} E$  24 ft to Raise, 154 ft from turn  
 $S 41^{\circ} E$  to pave in.  
Entrance is on lode line 460.2 ft from  
N. W. E. C. Value \$2000.00
- No. 3. Shaft 4x6x8 ft deep, which bears  
 $S 58^{\circ} 14' E$  36 ft from a point on lode  
line, 371 ft distant from N. W. E. C.  
Value \$80.00
- No. 4. Shaft 6x6x25 ft deep, which bears  
 $S 89^{\circ} W$  20 ft from point on lode line  
371 ft. distant from N. W. E. C. Value \$250.00
- No. 5. Tunnel 4x6x88 ft Course southeasterly  
Entrance bears  $S 43^{\circ} 09' E$  84 ft from  
N. W. E. C. Value \$800.00

## - Instrument -

This survey was made with a  
Kietz mining transit. The courses  
were deflected from the true meridian  
as determined by direct solar obser-  
vation. The distances were  
measured with 100 ft and 600 ft  
steel tapes.

## - Report -

The section corner to which this  
survey is tied is a granite stone  
8x8x18 ins set in a mound of stones.  
Chiseled five cuts on south and  
two cuts on east sides.

The  $\frac{1}{4}$  Cor. on N. side of Sec. 11.  
could not be found.

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Surv No 2969 - Con -

Mother Lode ~~lode~~, uns, Minnesota  
Connor Mng Co, claimant lies and  
adjoins on north west end line  
Hamlin lode this survey and  
west side line of Mill Site lode  
this survey.

Maryanita lode, uns, Cleland  
claimant lies on west side line  
of Hamlin lode.

Hidden Treasure lode, uns,  
T. Thornton claimant, lies on  
S. E. end of Emerson lode this  
survey.

Side Windu lode, uns, B. Vogt  
claimant lies on east side of  
Emerson lode.

The few discrepancies in the  
courses and distances of this survey  
and the location notices are due  
to errors in the latter.

H. G. Schader  
U. S. Mineral Surveyor.



FINAL OATHS FOR SURVEYS.

List of names.

A list of the names of the individuals employed by H.G. Schader  
United States Surveyor, to assist in running, measuring, and marking  
the lines, corners, and boundries described in the foregoing field note  
of the survey of the mining claim of-----

-----  
Known as the Henry Shaefer  
Hamlin, Emerson, Mill Site  
and showing the respective capacities in which they acted.

- Fred Mitchell-----Chairman.
- George Beebe-----Chairman.
- Axman.
- Flagman.

FINAL OATHS OF ASSISTANTS.

We Fred Mitchell-----a-----  
and George Beebe-----, do solemnly swear that we assisted  
H.G. Schader-----U. S. Mineral Surveyor, in marking the corn-  
ers and surveying the boundries of the mining claim of-----

-----  
known as the Henry Shaefer  
Hamlin, Emerson, Mill Site  
represented in the foregoing field notes as having been surveyed by  
said mineral surveyor and under his direction; and that survey has  
been in all respects, to the best of our knowledge and belief,  
faithfully and correctly executed, and the corner and boundry  
monuments established according to law and the instructions  
furnished by the U. S. Surveyor General for, Arizona-----

- Fred Mitchell-----Chairman.
- Geo. A. Beebe-----Chainann.
- Axman.
- Flagman.



Subscribed and sworn to by the above named persons before me  
this 5<sup>th</sup>----- Day of August-----1902-----

My commission expires  
Feb. 26-1916

J.M. Russell  
-----  
Notary Public



(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, H. G. Schader, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Feb 1. 1912, 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 Henry Shafer, known as the Hamlin, Emerson, Mill Site, situate in Wallapai Mining District, Mohave County, Ariz, in Section 11, Township No. 23 N., Range No. 18 W. and designated as Survey No. 2969, 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 his 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. Schader

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said H. G. Schader,

U. S. Deputy Mineral Surveyor, before me

this 5<sup>th</sup> day of August A. D. 1912

J. M. Russell  
Notary Public.

o 3-154

My commission expires Feb. 26<sup>th</sup> - 1916



# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That I

Henry Shaefer

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the Territory of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of Wallapai

Mining District, hereby make and file this amended location of

the Hamlin Lode, claiming by right of discovery, location, primal ap-

propriation and possession 1500 feet, linear and horizontal measurement, on

this vein or lode of quartz, or other rock in place, bearing gold and other

valuable minerals, with all dips, variations and angles, the same being 818 feet

along the ledge in a N 34° 46' W direction from the discovery shaft and 682

feet along the ledge in a S 34° 46' E direction therefrom, together with 500

feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in Wallapai Mining District, County of Mohave,

Territory of Arizona, in Sec. 11. T. 23. N. R. 18. W. G. & S. R.B.M. and more particularly described as

follows, to-wit:

about 2 miles east of Chloride Station

Beginning at N.W. end center a stone mt. whence the discovery shaft

bears S 34° 46' E 818 feet. Thence N 52° 11' E 300 ft. to N. E. Cor.

a stone mt. thence S 34° 46' E 1500 ft to S.E. Cor. a stone mt.

thence S 52° 11' W 300 ft to S.E. end center a stone mt. thence

S. 52° 11' W 294.7 feet to S.W. Cor. a stone mt. thence N 34° 58' W

1500 ft to N.W. Cor. a stone mt. thence N 52° 11' E 300 ft to place

of beginning

THIS AMENDED LOCATION is made in conformity with the original location, made July 26th 1897, recorded Aug. 3rd 1897, in Book N

Page 102, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery July 26th A. D. 1897

Date of Amended Location Jan. 15 A. D. 1912

Attest: Emerson Gee

Henry Shaefer

Recorded at the request of Emerson Gee at 25 minutes past 4 o'clock P.M. Jan. 19th. A.D. 1912, in Book DD of Mining Claims, Page 534, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder  
By I. J. Whitney, Deputy.



# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That I  
Henry Shaefer

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the Territory of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of Wallapai Mining District, hereby make and file this amended location of the Emerson Lode, claiming by right of discovery, location, primal appropriation and possession 1440.2 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold and other valuable minerals, with all dips, variations and angles, the same being 653 feet along the ledge in a S 50° 25' E direction from the discovery ~~strike~~ <sup>tunnel</sup> and 787.2 feet along the ledge in a N. 50° 25' W direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in Wallapai Mining District, County of Mohave, Territory of Arizona, in Sec. 11. T. 23. N. R. 18. W. G. & S. R. B. M. and more particularly described as follows, to-wit:

about two miles east of Chloride Station  
Beginning at N.W. end center a stone monument, whence portal of discovery tunnel bears S 50° 25' E 787.2 ft distant. Thence N. 40° 37' E 300 ft to N.E. Cor. a stone mt. thence S 50° 25' E 1440.2 ft to S.E. Cor a stone mt. thence S 40° 37' W 300 ft to S.E. end center a stone mt. thence S 40° 37' W 291.1 ft. to S.W. cor. a stone mt. thence N 50° 25' W 1440.2 ft to N.W. Cor. a stone mt. thence N 40° 37' E 291.1 ft to place of beginning.

THIS AMENDED LOCATION is made in conformity with the original location, made June 2nd 1897, recorded Aug. 3rd 1897, in Book N, Page 100, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery June 2nd A. D. 1897  
Date of Amended Location Jan 15th A. D. 1912

Attest: Emerson Gee. Henry Shaefer

Recorded at the request of Emerson Gee at 25 minutes past 4 o'clock P.M. Jan. 19th A.D. 1912, in Book DD of Mining Claims, page 532, Records of Mohave County, Arizona. J.W.Morgan, County Recorder  
By I. J. Whitney, Deputy.



# Amended Location Certificate

JAN 26 1912

KNOW ALL MEN BY THESE PRESENTS, That I

Henry Shaefer

the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the Territory of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of Wallapai

Mining District, hereby make and file this amended location of the Mill Site Lode, claiming by right of discovery, location, primal appropriation and possession

600.4 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold and other

valuable minerals, with all dips, variations and angles, the same being 213.7 feet along the ledge in a S 67° 21' E direction from the discovery shaft and 286.7

feet along the ledge in a N45° 31' W direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in Wallapai Mining District, County of Mohave, Territory of Arizona, in Sec. 11. T. 23. N. R. 18. W. G. & S. and more particularly described as follows, to-wit:

about 2 miles east of Chloride Station

Beginning at the N.W. end Center, a stone mt. being also the N.W. Cor., whence the discovery shaft bears S. 45° 31' E 386.7 feet. Thence N. 40° 37' E 150 ft to N.E. Cor. a stone mt. thence S. 67° 17' E 617.7 feet to S.E. Cor. a stone mt. thence S. 40° 37' W 300 ft to S.E. end center, a stone mt. thence S. 40° 37' W 291.1 ft to S.W. Cor. a stone mt. thence N. 26° 20' W 641.7 ft to place of beginning.

This claim joins on North west end line of Emerson Mng. claim

THIS AMENDED LOCATION is made in conformity with the original location, made Sept. 21st. 1901, recorded Nov. 29th 1901, in Book O, Page 782, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery Sept. 21st. A. D. 1901

Date of Amended Location Jan 15 A. D. 1912

Attest: Emerson Gee.

Henry Shaefer

Recorded at the request of Emerson Gee at 25 minutes past 4 o'clock P.M. Jan. 19th. A.D. 1912 in Book DD of Mining Claims, page 530, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder  
By I. J. Whitney, Deputy.

RECORDER'S CERTIFICATE

TERRITORY OF ARIZONA, )  
  ) -SS.  
County of Mohave.        )

\*\*\*\*\*

I, J. W. MORGAN, Recorder of Mohave County, Territory of Arizona, do hereby certify that I have compared the foregoing copies of Amended Location Certificates to the

"MILL SITE"    "EMERSON"    and    "HAMLIN"

Lode Mining Claims, located and situated in the WALLAPAI Mining District, County of Mohave, Territory of Arizona, and of the endorsement thereupon with the original records of the same on file in this office, and that the same are correct transcripts therefrom and of the whole of said original records.



WITNESS my hand and the seal of said office, this 23rd. day of January A.D., 1912.

*J. W. Morgan*  
-----  
Recorder of Mohave County.



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

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

Phoenix, Arizona,

May 6, 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

HENRY SHAEFER

, known as the HAMLIN, EMERSON, MILL SITE.

, situate in WALLAPAI

Mining District, MOHAVE County,

ARIZONA, in Section 11, Township No. 23 N

Range No. 18 W., and designated as Survey

No. 2969, 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 each of said mining claim by claimant or his grantors, and  
that said improvements consist of 7 shafts, 4 tunnels, 1 cut and 1  
raise, total value \$6990.00

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,

May 6, 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

Henry Shaef er

, known as the

HAMLIN, EMERSON, MILL SITE.

situate in WALLAPAI Mining District,

MOHAVE County, ARIZONA

in Section 11, Township No. 23 N., Range No. 18 W.

, designated as Survey No. 2969

executed by H. G. Schader, U. S. ~~Deputy~~ Mineral

Surveyor, Aug. 3-5, 1912, 190, under my instructions dated

Feb. 1, 1912, 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 A. Ingalls*

U. S. Surveyor-General for Arizona.