

MS.

0

1

1

6

3

(4-683.)

Mineral Survey No. *1163*

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

*Prescott*

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

*George H. Schuerman*

KNOWN AS THE

*Wonderful & Tough Nut Lodes  
Verde*

Mining District,

*Yavapai* County, *Arizona*

Section *unsurveyed*, Township *18 N*, Range *3 E*

Surveyed under instructions dated *Dec 18*, 18*94*,

by *E.C. Babbit*

U. S. Deputy Mineral Surveyor.

Claim located *Oct. 17, 83 & April 22/94 resp.*, 18*—*.

Survey commenced *March 27<sup>th</sup>*, 18*95*.

Survey completed *" 27<sup>th</sup>*, 18*95*.

o 6-160

*Address of claimant  
George H. Schuerman  
Prescott.  
Arizona*

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, \_\_\_\_\_ and *James Patterson*, 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 \_\_\_\_\_

*George H. Schuerman*, known as the *Wonderful & Tough Nut lodes* situate in *Verde* mining district, *Yavapai* County, *Arizona* in Section *unnumbered* Township No. \_\_\_\_\_, Range No. \_\_\_\_\_

*James Patterson*, Chainman.  
\_\_\_\_\_, Chainman.

Subscribed and sworn to by the above-named persons before me this *27<sup>th</sup>* day of *March*, 18*95*.

*G W Full 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 \_\_\_\_\_.

Fut

Sur. No. 1163  
 Wonderful Lode  
 Beginning at Cor. No. 1 a line stone  
 28 x 10 x 12 ins set 18 ins in the  
 ground with mound of stones,  
 chiseled 1/1163, identical with  
 location corner and Cor. No. 5 of  
 this survey, whence

U.S. M. M. No 2 bears  
 N 89° 44' E 131.1 ft  
 a pine tree 10 ins dia. blazed  
 and marked B.S. 1/1163 bears S 71°  
 16' W 25.63 ft.

307.5  
 615.12

Thence S 82° 52' E  
 To location monument  
 To Cor No. 2

A quartzite stone 30 x 10 x 8 ins  
 set 18 ins in the ground with  
 mound of stones, chiseled 2/1163,  
 identical with location corner,  
 whence Cor. No. 5 Sur. No. 950 Cop-  
 per Chief lode W. H. Ferguson claim-  
 ant bears S 32° 15' W 169.1 ft

152.7  
 322.9  
 975  
 1500

Thence S 19° 52' W  
 Intersect line 4-5 Sur. No. 950 at  
 S 89° 10' E 38.4 ft from Cor No. 5  
 Intersect line 5-6 Sur. No. 950 at  
 S 6° 55' W 161.8 ft from Cor. No. 5  
 To Silver Spring Gulch 6 ft wide  
 course S 70° E  
 To Cor No. 3

A quartzite stone 26 x 10  
 x 8 ins set 18 ins in the ground,  
 with mound of stones, chiseled  
 3/1163, identical with location corner,  
 whence x B.R. 3/1163 chiseled on a  
 quartzite ledge 3 ft high bears  
 S 44° 53' W 11.94 ft.

767 Thence N 82° 52' W  
615.12 To Cor. No. 4.

A quartzite stone 28 x 10 x 16  
ins set 18 ins in the ground with  
mound of stones, chiseled 4/1163,  
identical with location corner and  
Cor. No 8 of this survey where a  
juniper tree 10 ins dia. blazed  
and marked B.T. 4/1163 bears  
S 27° 41' W 43.9 ft.

Thence N 19° 52' E  
490 Cross pipe line course N 65° 52' E  
600 Silver Spring Gulch 5 ft wide course East  
1500 To Cor. No. 1 the place of beginning

Tough Nut Lode  
Beginning at Cor. No. 5  
Identical with  
Cor. No. 1 of this survey and location  
corner, previously described, chis-  
eled 5/1163 bearing tree marked  
B.T. 5/1163

Thence N 82° 52' W  
307.56 To point where location monument  
bears S 19° 52' W 640 ft.  
615.12 To Cor. No. 6

A quartzite stone 28 x 10 x 6  
ins set 18 ins in the ground with  
mound of stones, chiseled 9/1163,  
identical with location corner  
where a pine tree 14 ins dia. blaz-  
ed and marked B.T. 9/1163 bears  
S 16° 42' W 16.38 ft.

Thence S 19° 52' W  
930 Silver Spring Gulch 10 ft wide course East  
1500 To Cor No 7

A lime stone 30 x 10 x 12 ins  
set 18 ins in the ground with mound  
of stones, chiseled 7/1163, identical

Foot with location corner, whence a pine tree 10 ins dia. blazed and marked B.S. 7/1163 bears N 73° 7' W 55.58 ft.  
Silver Spring bears N 42° 20' E 171 ft.

Thence S 82° 52' E

615.12 To Cor. No. 8

Identical with Cor. No. 4 of this survey and location corner, previously described, bearing tree marked B.S. 8/1163

Thence N 19° 52' E

490 Cross pipeline corner N 65° 52' E

600 Silver Spring Guide 5 ft wide corner East

1500 To Cor. No. 5 the place of beginning.

Variation at all corners = 13° 10' E

Area

Total area of Wonderful lode =	20.662 acres
Less area in conflict with	
Surv. No. 950	<u>.071 "</u>
Net area of Wonderful lode	20.591
Total and net area Tough Nut lode	<u>20.662 "</u>
Net area of lode claims	41.253 acres.

Location

This claim is <sup>located</sup> on unsurveyed lands in the mining district Yavapai Co. A.T.

Expenditure of Five Hundred Dollars

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

A shaft 8 x 6 ft 8 ft deep which bears from Cor. No. 1 S 17° E 365 ft

Value \$50<sup>00</sup>

A shaft 6 1/2 ft deep 4 x 6 ft which bears from Cor. No. 1 S 24° E 375 ft.

*[Handwritten signature/initials]*

From a point in this shaft 50 ft down  
a drift 5x6 ft runs N 10° E 10 ft.

From the breast of this drift a  
cross cut 5x6 ft runs East 10 ft  
and west 10 ft. And from the bot-  
tom of the shaft a drift 5x6 ft  
runs N 10° E 10 ft.

Value of shaft and drifts \$600<sup>00</sup>

This shaft is in course of construc-  
tion for the development of the Won-  
derful and Tough Nut lodes of this  
Survey. When sufficient depth is  
attained drifts can be run west  
to the Tough Nut lode and both  
lodes worked with one plant of  
machinery.

An open cut 40 ft long, 6 ft  
wide 8 ft deep. course north the  
south end of which bears from  
Cor. No. 2 S 45° 22' W 575 ft.

Value = \$200<sup>00</sup>

An open cut 8 ft long 4x5 ft  
course east the west end of which  
bears from Cor. No. 1 S 26° 38' E 445 ft.

Value = \$50<sup>00</sup>

An open cut 18 ft long 6 ft wide  
10 ft deep course N 43° E. From the  
face a tunnel 7x5 ft 17 ft long runs  
N 73° E. The mouth of the tunnel  
bears from Cor. No. 4 N 37° 22' E 983 ft

Value of cut and tunnel = \$300<sup>00</sup>

A tunnel 6x6½ ft 26 ft long  
course N 18° E the mouth of which  
bears from Cor. No. 4 N 49° 22' E 825 ft

Value = \$260<sup>00</sup>

A shaft on the Tough Nut  
lode 5x6 ft 10 ft deep which bears  
from Cor. No. 5 S 43° 17' W 754.9 ft

Value = \$50<sup>00</sup>

### Other Improvements

a 5 stamp mill in course of construction, belonging to the claimant herein, 15x20 ft, course of long side N45°E, the S.W. corner of which bears from Cor. No. 4 N39°22'E 760 ft.

A line of 3 inch pipe from Silver Spring to mill, 1100 ft long (slope measurement) course N65°52'E belonging to claimants herein.

### Instrument

The survey was made with a Buff + Berger transit. The courses were deflected from the true meridian as determined by solar observations. The distances were measured with a 500 ft steel tape.

### Notes:

I find the course of line 5-6 Sur. No. 950 to be S6°55'W instead of S7°15'W as given in the original field notes. I also find that the distance from the location monument of the Tongue Nut lode to the north end of the claim is 640 ft instead of 750 ft as given in the location notes.

E. C. Babbitt

Dep U.S. Miner Gen

Mar 28<sup>th</sup> 1895



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by E. C. Babbitt  
 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 George H. Schuerman  
 known as the Wonderful + Tough Nut Lodes  
 and showing the respective capacities in which they acted.

James Patterson, Chairman.  
 \_\_\_\_\_, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We,  
 and James Patterson, do solemnly swear that I assisted  
E. C. Babbitt, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of

George H. Schuerman  
 \_\_\_\_\_, known as the

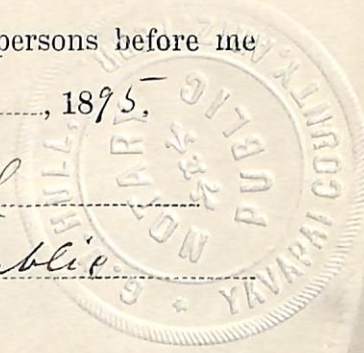
Wonderful + Tough Nut Lodes, represented  
 in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under  
 his direction; and that said survey has been in all respects, to the best of my knowledge and  
 belief, faithfully and correctly executed, and the corner and boundary monuments established  
 according to law and the instructions furnished by the United States Surveyor-General for

Arizona

\_\_\_\_\_, Chairman.  
James Patterson, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 27<sup>th</sup> day of March, 1895.

G. W. Full  
 Notary Public



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, E. C. Rabbitt, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Dec 18, 1894, 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 George H. Schuerman, known as the Wonderful & Tough Nut Lodes, situate in Verde Mining District, Gavapai County, Arizona, in Section undivided Township No. \_\_\_\_\_, Range No. \_\_\_\_\_, and designated as Survey No. 1163, 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.

E. C. Rabbitt

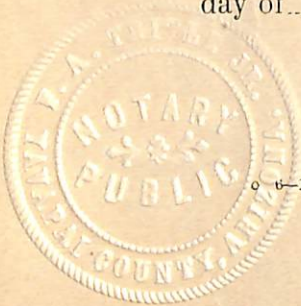
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said E. C. Rabbitt

U. S. Deputy Mineral Surveyor, before me J. A. Fittle Jr. Notary

Public for Gavapai County Arizona this 28 day of March, 1895.

J. A. Fittle Jr.  
Notary Public



## Notice of Location.

Know all men by these presents;--

That I the undersigned have this day located Fifteen Hundred (1500) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations, with surface ground Three Hundred (300) feet on each side of the centre of vein, with all Mineral Deposits contained therein, and all Timber growing within the limits of said claim, and all Water and Water Privileges thereon or appurtenant thereto, under and according to the provisions of the Mining Laws of the United States under which it is Located.

This claim commences at this monument and notice placed upon the ledge and runs Fifteen Hundred (1500) feet in a Southerly direction along the ledge.

The exterior boundaries are as follows viz;--

Commencing at this Monument and Notice and running Three Hundred (300) feet in an easterly direction to monument of stone at N.E. corner of claim; thence in a southerly direction parallel with the ledge Fifteen Hundred (1500) feet to a monument at S.E. corner of claim; thence at right angles across the ledge in a Westerly direction Six Hundred (600) feet to monument at S.W. corner of claim; thence parallel with the lode in a Northerly direction Fifteen Hundred (1500) feet to monument at N.W. corner of claim; thence at right angles across the ledge in an easterly direction Three Hundred (300) feet to monument upon the ledge and place of beginning.

This ledge may be more generally described as situated about 400 feet East of Silver Spring and was formerly known as the Kell Mine and is about one half mile South Westerly from the Cliff

Mine in Verde Mining District, Yavapai County Arizona Territory  
and shall be known as the Wonderful Mining Claim.

Dated on the ground this 17<sup>th</sup> day of October 1883.

W.H. Ferguson.

Recorded at request of W.H. Ferguson December 15th., A.D. 1883, at 30  
minutes past 10, A.M. in Book 18 of Mining Records of Yavapai County  
Arizona, pages 429-430.

H.H. Cartter,

Recorder.

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

I, Alex O. Brodie, County Recorder in and for said County and  
Custodian of the Records thereof, do hereby certify that the above  
and foregoing is a full, true and correct copy of the Notice of  
Location of the Wonderful Mining Claim as the same appears &  
record in Book 18 of Mines at pages 429-430, Records of Yavapai  
County Arizona.

In Witness Whereof I have hereunto set my hand and affixed  
my Official Seal this 19<sup>th</sup> day of November A.D. 1894.

*Alex O. Brodie*

COUNTY RECORDER.

Tough Nut.

Notice of Location.

Know all men by these presents;--

That we the undersigned have this day located Fifteen Hundred (1500) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations, with surface ground Three Hundred (300) feet on each side of the center of vein, with all Mineral Deposits contained therein, and all Timber growing within the limits of said claim, and all Water and Water privileges thereon or appurtenant thereto, under and according to the provisions of the provisions of the United States Mining Laws, under which it Located.

This claim commences at this monument and Notice placed upon the ledge and runs 750 feet in a Northerly direction and 750 feet in a Southerly direction along the ledge.

The Exterior boundaries are as follows viz;--

Commencing at a monument of stone on west boundary line distant Three Hundred (300) feet in a Westerly direction from Discovery Monument; thence in a Northerly direction parallel with the ledge 750 feet to Monument of Stone at N.W. corner of claim; thence in an Easterly direction at right angles across the ledge Six Hundred (600) feet to Monument of Stone at N.E. corner of claim; thence in a Southerly direction parallel with the ledge Fifteen Hundred (1500) feet to monument of stone at S.E. corner of claim; thence at right angles across the ledge in a Westerly direction Six Hundred (600) feet to Monument of Stone at S.W. corner of claim; thence in a Northerly direction parallel with the ledge 750 feet to Monument on West boundary and place of beginning.

This ledge may be more generally described as situated on the West side of the Wonderful about 200 feet from the U.S. Mineral Monument No., 2, in Verde Mining District, Yavapai County Arizona Territory and shall be known as the Tough Nut Mining Claim.

DATED ON THE GROUND this 22nd. day of April 1894.

G.H. Schuerman,

James Patterson,

J. Duke.

Recorded at Request of G. Schuerman, April 27<sup>th</sup> A.D. 1894, at 9, 15  
o'clock A.M. in Book 39 of Mines at pages 188, Records of Yavapai  
County Arizona.

By F.A. Tritle, Jr.,

(Seal.)

Alex. O. Brodie,

Deputy.

County Recorder.


-----  
TERRITORY OF ARIZONA,

County of Yavapai.  
-----

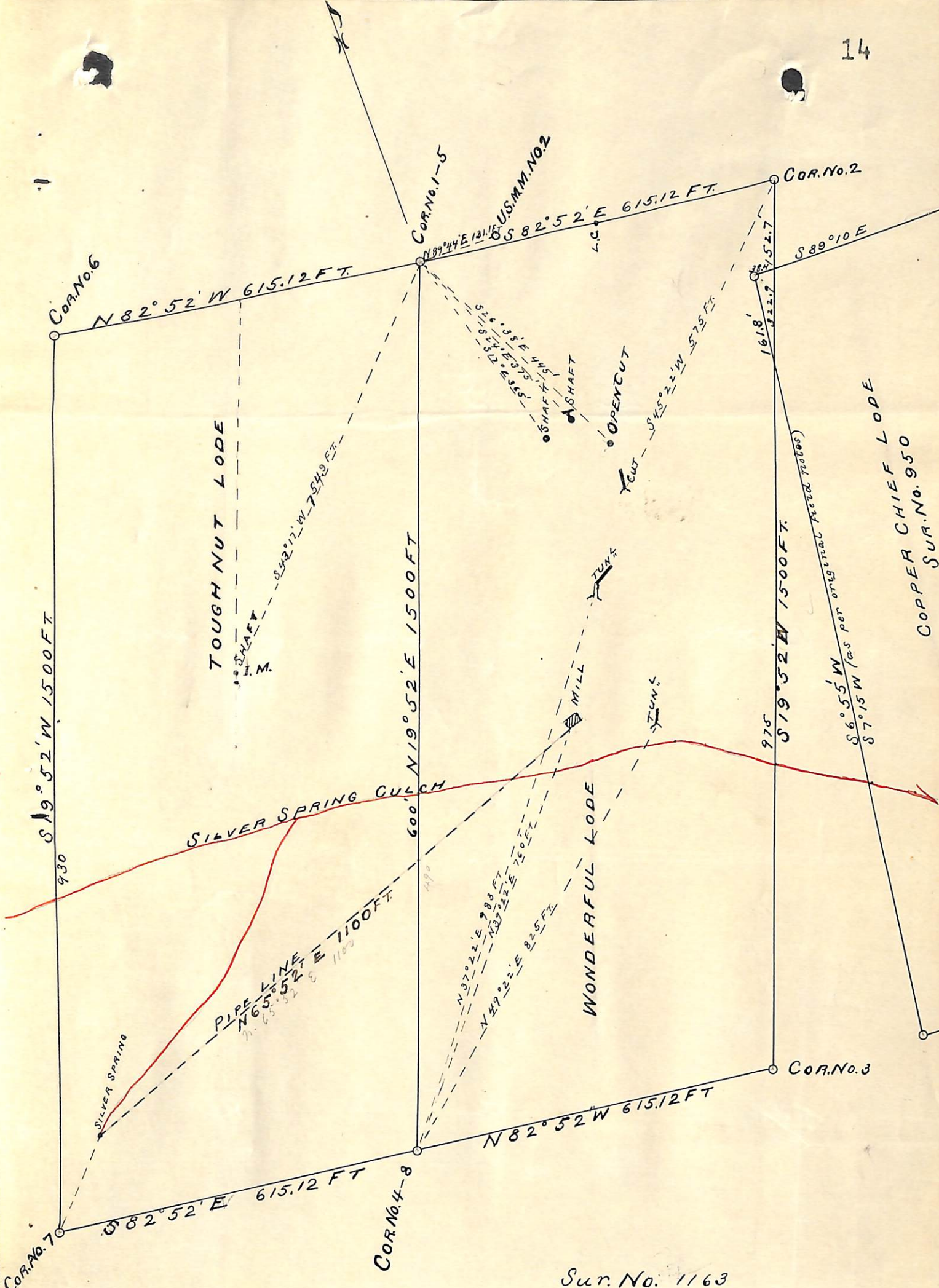
ss;

I, Alex. O. Brodie, County Recorder in and for  
said County and Custodian of the Records thereof do hereby cer-  
tify that the above and foregoing is a full, true and correct copy  
of the Notice of Location of the Tough Nut Mining Claim as the  
same appears of record in Book 39 of Mines at page 188, Records of  
Yavapai County Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed  
my Official Seal this 19<sup>th</sup> day of November A.D. 1894.

  
*Alex O Brodie*

County Recorder.



Sur. No. 1163  
 Prescott Land Dist  
 Surveyed Mar 27 1895  
 By E. C. Babbitt  
 Dep. U.S. Min. Sur.

COPPER CHIEF LODE  
 SUR. NO. 950

(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 20<sup>th</sup>, 1895

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 George A. Scherman

\_\_\_\_\_ , known as the

Wonderful & Tough Nut lodes

situate in Verde mining district,

Yavapai County, Arizona,

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

\_\_\_\_\_, designated as Survey No. 1163

executed by E. C. Babbitt, U. S. Deputy Mineral

Surveyor, March 27<sup>th</sup>, 1895, under my instructions dated

December 18<sup>th</sup>, 1894, 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

certificates filed by the applicant for survey is included in the field notes.

Levi H. Mansmy  
U. S. Surveyor General for Arizona

o 6-162