

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4383

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

L. E. Shoup

Known As The

Barbara 1, Barbara 2, Barbara 3, and Barbara 4 lodes

Situate in Long Valley Mining District,

Coconino County, Arizona

Section 30, Township 14 N., Range 10 E., G. & S.R.M.

Surveyed under order dated July 22, 1953.

by R. L. Merritt  
Mineral Surveyor.

Barbara 1, Aug. 31, 1940, Barbara 2 & Barbara 4,  
Aug. 26, 1940 and

Claims located Barbara 3, Mar. 4, 1940, 19

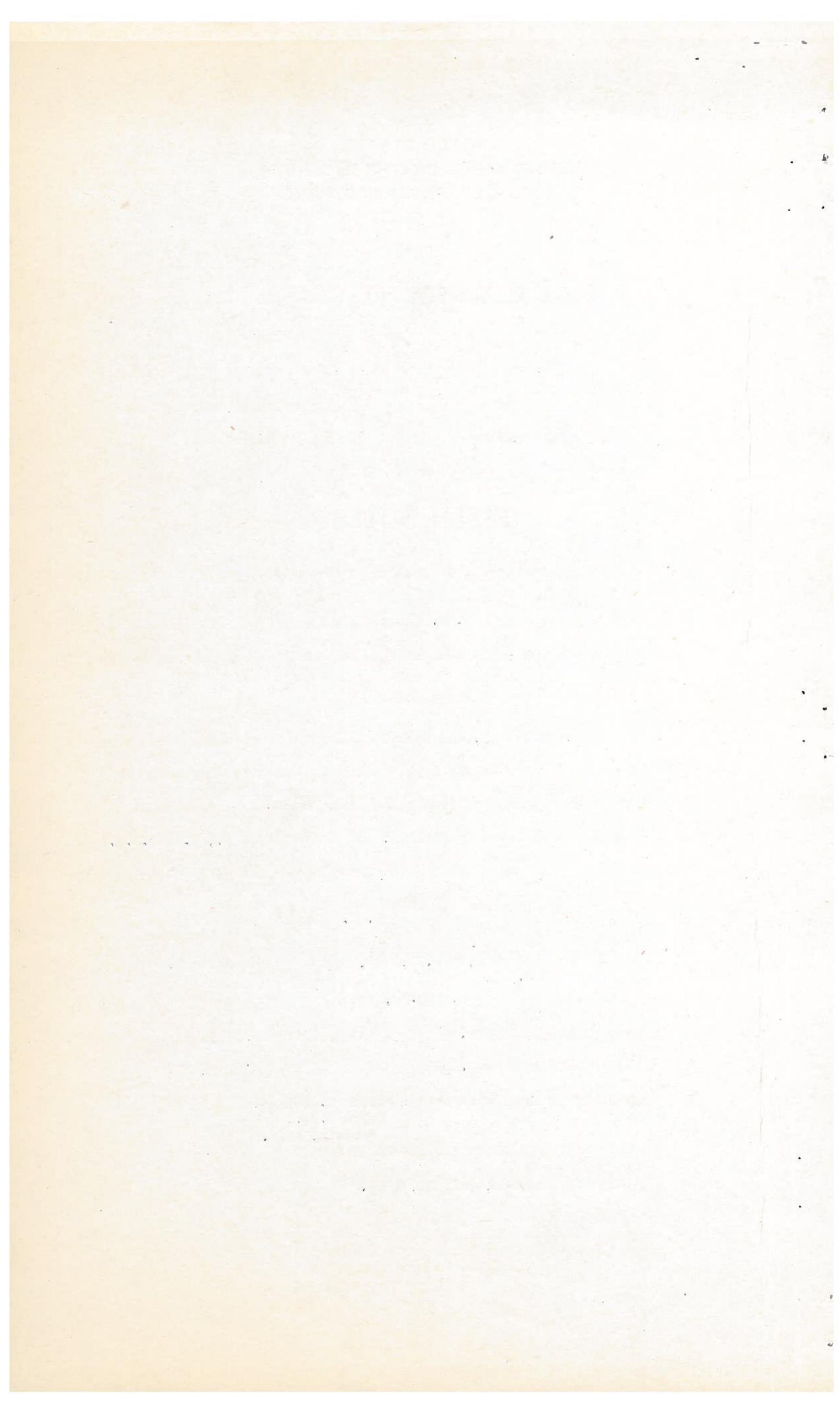
Survey commenced Aug. 8, 1953.

Survey completed Aug. 20, 1953.

Address of claimant's Attorney: Joseph H. Morgan,  
Luhrs Bldg.,  
Phoenix, Ariz.

DATES OF AMENDED LOCATIONS

For all 4 claims, July 11, 1953.



This survey was made with a Berger transit No. 17503, with horizontal limb  $5 \frac{1}{8}$  ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; a prismatic eyepiece with colored glass was attached to the eyepiece of the transit for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by an A.M. altitude observation on the sun, the details of which observation are shown in the calculation sheets submitted for examination. Details of meridian altitude observation on the sun for latitude, and a meridian observation at noon on the sun for time are submitted for examination.

The lines were measured with a Lufkin steel tape 500 feet in length, graduated every foot, the first foot being graduated to tenths and hundredths.

All lines and connections of this survey were run by direct methods.

The magnetic variation observed at each corner of this survey gave a uniform value of  $14^{\circ}30'E$ .

Feet

## BARBARA 1 LODE

Beginning at Cor. No. 1 of the Barbara 1 lode, identical with Cor. No. 2 Survey No. 4291 Magma No. 2 lode.

A sandstone, 8 x 12 x 10 ins. above ground, mkd. X 2 M 2, 4291, and 1 B 1, 4383; from which

The west  $\frac{1}{4}$  cor. of sec. 30, T. 14 N., R. 10 E., G. and S. R. B. and M., bears  $S.58^{\circ}00'W.$ , 2,058.07 ft. dist.; an iron post,  $\frac{3}{4}$  ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

A pine, 24 ins. diam., bears  $N.52^{\circ}10'E.$ , 20.27 ft. dist., mkd. X B T, 1 B 1, 4383.

Thence  $N.44^{\circ}08'E.$

300.0 Lode line; identical with Cor. No. 3 Survey No. 4291 Shafer No. 1 lode.

A sandstone, 8 x 12 x 10 ins. above ground, mkd. X 3 S 1, 4291; discovery point bears  $S.45^{\circ}57'30"E.$ , 1,295.68 ft. dist.

560.0 Center of road, bears  $N.4^{\circ}W.$ , and  $S.4^{\circ}E.$

600.0 Cor. No. 2, identical with Cor. No. 1 Barbara 2 lode of this survey.

Set a sandstone, 4 x 18 x 24 ins., 16 ins. in the ground, mkd. X 2 B 1, 1 B 2, 4383.

A pine, 24 ins. diam., bears  $S.31^{\circ}01'W.$ , 45.56 ft. dist., mkd. X B T, 2 B 1, 1 B 2, 4383.

Feet	
	Thence S. 45° 57' 30" E.
1,320.0	Center of road, bears N.23°E. and S.23°W.
1,495.68	Cor. No. 3, identical with Cor. No. 4 Barbara 2 lode of this survey. Set a sandstone 10 x 16 x 30 ins., 16 ins. in ground, mkd. X 3 B 1, 4 B 2, 4383.  A pine, 30 ins. diam., bears N.69°37'W., 43.6 ft. dist., mkd. X B T, 3 B 1, 4 B 2, 4383.
	Thence S. 44° 08' W.
135.0	Center of road, bears N.15°W. and S.15°E.
300.0	Lode line; discovery point bears N.45°57'30"W., 200.0 ft. dist.
325.0	Center of road, bears N.20°E. and S.20°W.
600.0	Cor. No. 4, identical with Cor. No. 3 Survey No. 4291 Magna No. 2 lode.  A sandstone, 8 x 16 x 10 ins. above ground, mkd. X 3 M 2, 4291, and 4 B 1, 4383.  A pine, 10 ins. diam., bears N.68°41'W., 11.2 ft. dist., mkd. X B T, 3 M 2, 4291, and 4 B 1, 4383.  A pine, 20 ins. diam., bears N.29°11'W., 14.4 ft. dist., mkd. X B T, 3 M 2, and 4 B 1, 4383.
	Thence N. 45° 57' 30" W.
1,285.68	Center of road, bears N.5°30'E. and S.5°30'W.
1,495.68	Cor. No. 1, and the place of beginning.
	BARBARA 2 LODE
	Beginning at Cor. No. 1 of Barbara 2 lode, identical with Cor. No. 2 Barbara 1 lode of this survey.  The northwest cor. of sec. 30, T. 14 N., R. 10 E., G. and S. R. B. and M., bears N.62°36'50"W., 2,448.12 ft. dist.; an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.
	Thence N. 52° 08' E.
302.5	Lode line; discovery point bears S.45°57'30"E., 1,295.68 ft. dist.
605.0	Cor. No. 2, identical with Cor. No. 1 Barbara 3 lode of this survey.  Set a sandstone, 8 x 8 x 26 ins., 16 ins. in the ground, mkd. X 2 B 2, 1 B 3, 4383.  An oak, 12 ins. diam., bears N.11°59'W., 49.24 ft. dist., mkd. X B T, 2 B 2, 1 B 3, 4383.

## SURVEY NO. 4383

Feet	
	Thence S. 45° 57' 30" E.
1,425.68	Center of road, bears N.63°E., and S.63°W.
1,495.68	Cor. No. 3, identical with Cor. No. 4 Barbara 3 lode of this survey. Set a sandstone, 4 x 8 x 32 ins., 16 ins. in the ground, mkd. X 3 B 2, 4 B 3, 4383.
	Thence S. 52° 08' W.
302.5	Lode line; discovery point bears N. 45°57'30"W., 200.0 ft. dist.
605.0	Cor. No. 4, identical with Cor. No. 3 Barbara 1 lode of this survey.
	Thence N. 45° 57' 30" W.
175.68	Center of road, bears N. 23° E., and S. 23° W.
1,495.68	Cor. No. 1, and place of beginning.
	BARBARA 3 LODE
	Beginning at Cor. No. 1 Barbara 3 lode, identical with Cor. No. 2 Barbara 2 lode of this survey.
	The northwest cor. sec. 30, T. 14 N., R. 10 E., G. and S. R. B. and M., bears N.74°06'40"W., 2,756.68 ft. dist.
	Thence N. 52° 08' E.
302.5	Lode line; discovery point bears S.45°57'30"E., 1,245.68 ft. dist.
509.0	Center of road, bears N.36°W., and S.36°E.
605.0	Corner No. 2, identical with Cor. No. 1 Barbara 4 lode of this survey. Set a sandstone, 4 x 12 x 26 ins., 16 ins. in the ground, mkd. X 2 B 3, 1 B 4, 4383.
	A pine, 24 ins. in diam., bears N.0°48'E., 14.88 ft. dist., mkd. X B T, 2 B 3, 1 B 4, 4383.
	Thence S. 45° 57' 30" E.
1,495.68	Cor. No. 3, identical with Cor. No. 4 Barbara 4 lode of this survey. Set a sandstone, 8 x 14 x 26 ins., 16 ins. in the ground, mkd. X 3 B 3, 4 B 4, 4383.
	A pine, 24 ins. in diam., bears N.46°58'W., 39.47 ft. dist., mkd. X B T, 3 B 3, 4 B 4, 4383.
	Thence S. 52° 08' W.
155.0	Center of road, bears N.48°W., and S.48°E.
302.5	Lode line; discovery point bears N.45°57'30"W., 250.0 ft. dist.

SURVEY NO. 4383

Feet	
605.00	Cor. No. 4, identical with Cor. No. 3 Barbara 2 lode of this survey. Thence N. 45° 57' 30" W.
70.0	Center of road, bears N.63°E. and S.63°W.
1,495.68	Cor. No. 1, and the place of beginning.  BARBARA 4 LODE Beginning at Cor. No. 1, identical with Cor. No. 2 Barbara 3 lode of this survey.  The northwest cor. of sec. 30, T. 14 N., R. 10 E., G. and S. R. B. and M., bears N.83°00'50"W., 3,152.37 ft. dist. Thence N. 52° 19' 20" E.
302.5	Lode line; discovery point bears S.45°57'30"E.; 895.68 ft. dist.
605.0	Cor. No. 2. Set a sandstone, 8 x 10 x 26 ins.; 16 ins. in the ground, mkd. X 2 B 4, 4383. A pine, 24 ins. diam., bears N.70°51'E., 48.48 ft. dist., mkd. X B T, 2 B 4, 4383. Thence S. 45° 57' 30" E.
1,495.68	Cor. No. 3. Set a sandstone, 4 x 12 x 26 ins., 16 ins. in the ground, mkd. X 3 B 4, 4383. A pine, 30 ins. diam., bears S.45°05'E., 17.18 ft. dist., mkd. X B T, 3 B 4, 4383. Thence S. 52° 19' 20" W.
302.5	Lode line; discovery point bears N. 45°57'30" W., 600.0 ft. dist.
605.0	Cor. No. 4, identical with Cor. No. 3 Barbara 3 lode of this survey. Thence N. 45° 57' 30" W.
1,495.68	To Cor. No. 1, and the place of beginning.
	SURVEY NO. 4383
	AREAS
	Acres
	Total area, Barbara 1 lode 20.602
	Total area, Barbara 2 lode 20.566
	Total area, Barbara 3 lode 20.566
	Total area, Barbara 4 lode 20.557

## LOCATION

This survey is located in the N 1/2 sec. 30, T. 14 N., R. 10 E., G. and S. R.-B. and M., Coconino County, Arizona, within the Coconino National Forest.

The survey of the Barbara 1, Barbara 2, Barbara 3 and Barbara 4 lodes is identical with the amended location as marked on the ground. The location monuments, all mounds of stone, 3 ft. base by 3 ft. high, were rebuilt alongside at the four corners of each lode.

## EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or his grantors are as follows:

- No. 1 The discovery point of the Barbara 1 lode is on the lode line 200 ft., N.45°57'30"W., from the center of line 3-4.  
No Value.
- No. 2 A trench, the south end of which bears N.14°E., 322 ft. from Cor. No. 4 Barbara 1 lode; 10 ft. wide, 5 ft. deep; running N.40°W., 135 ft. From a point N.40°W., 85 ft. from south end of trench, trench extends N.11°00'E., 135 ft.  
Value, \$1,080.
- No. 3 A shaft, the center of which bears N.27°15'W., 582 ft. from Cor. No. 4 Barbara 1 lode; 4 x 6 ft., 26 ft. deep.  
Value, \$400.
- No. 4 A shaft, the center of which bears N.31°15'W., 618 ft. from Cor. No. 4 Barbara 1 lode; 4 x 6 ft., 46 ft. deep.  
Value, \$700.
- No. 1 The discovery point of the Barbara 2 lode is on the lode line 200 ft., N.45°57'30"W., from the center of line 3-4.  
No Value.
- No. 2 A trench, the south end of which bears N.7°45'E., 297 ft. from Cor. No. 4 Barbara 2 lode; 12 ft. wide, 10 ft. deep, running N. 27°W., 300 ft.; then N.8°W., 100 ft.  
Value, \$3500.
- No. 3 A trench, the east end of which bears N.45°57'30"W., 297 ft. from Cor. No. 3 Barbara 2 lode; 12 ft. wide, 8 ft. deep, running N.65°W., 80 ft.; then N.85°W., 100 ft.; then S.8°E., 193 ft.  
Value, \$2600.
- No. 1 The discovery point of Barbara 3 lode is on the lode line 250 ft., N.45°57'30"W., from the center of line 3-4.  
No Value.
- No. 2 A trench, the west end of which bears N.45°57'30"W., 297 ft. from Cor. No. 4 Barbara 3 lode; 12 ft. wide, 8 ft. deep, running S.65°E., 183 ft.  
Value, \$1200.

- No. 1 The discovery point of Barbara 4 lode is on the lode line 600 ft., N.45°57'30"W., from the center of line 3-4.  
No Value.
- No. 2 A trench, the south end of which bears N.12°45'W., 210 ft. from Cor. No. 4 Barbara 4 lode; 15 ft. wide, 10 ft. deep, running N.9°W., 153 ft. From a point N.9°W., 90 ft. from south end of trench, a trench 20 ft. wide, 6 ft. deep, extends N.80°E., 40 ft.  
Value, \$2,000.
- No. 3 A shaft, the center of which bears N.39°45'W., 413 ft. from Cor. No. 4 Barbara 4 lode; 4 x 6 ft., 40 ft. deep.  
Value, \$600.

OTHER IMPROVEMENTS

A house, the SE. corner of which bears S.59°00'W., 277 ft. from Cor. No. 3 Barbara 3 lode; 12 x 18 ft. in size. The long sides bear N.20°W.  
- Claimant herein.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Survey No. 4291 Magna No. 2 lode: Cors. Nos. 2 and 3 are sandstones, firmly set and properly marked. Line 2-3 was found to be S.45°57'30"E., 1,495.68 ft., instead of S.45°51'E., 1,500 ft. as approved.

Survey No. 4291 Shafer No. 1 lode: Cor. No. 3 is a sandstone, firmly set and properly marked. The line from Cor. No. 2 Magna No. 2 lode to Cor. No. 3 Shafer No. 1 lode was found to be N.48°08'E., 300 ft., instead of N.48°09'E., 300 ft. as approved.

I made a diligent search, but could not find the north or east quarter corners, or the northeast corner of sec. 30, T. 14 N., R. 10E.

FIELD ASSISTANTS

Name	Capacity
Dean Harris	Chainman

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

I, R. L. Merritt, Mineral Surveyor,

hereby certify upon honor that in pursuance of an order received from the United States  
Department of the Interior, Bureau of  
Land Management, Division of Cadastral, at Albuquerque New Mexico  
Engineering-Region V.

dated July 22<sup>nd</sup>, 1953, I have faithfully and correctly executed the survey  
of the mining claim of L. E. Shoup

known as the Barbara 1, Barbara 2, Barbara 3  
(lode, placer, or millsite)  
and Barbara 4, lode mining claims situate in

Section 30 T. 14N., R. 10E.,

G & S. R. Meridian, Arizona, and designated  
(State)

as Survey No. 4383, which is represented in the fore-

going field notes as having been executed by me and under my direction, and that said  
survey has been made in strict conformity with said order, the Manual of Instructions  
for the Survey of the Public Lands of the United States, and in the specific manner  
described in the foregoing field notes, and I do further certify that the labor ex-  
pended and improvements made upon or for the benefit of the lodes

(lode or placer)  
location~~s~~ embraced in the said mining claim by claimant— or his grantors

are fully stated in my report therein, and that the character, extent, location, and  
itemized value thereof are specified therein with particularity and full detail, and  
that no portion of, or interest in, said labor and improvements so credited to this  
claim has been included in the estimate of expenditures upon any other claim.

Prescott, Arizona  
(Place)

R. L. Merritt  
(Mineral Surveyor)

Aug. 20<sup>th</sup> 1953  
(Date)

BADDER PALETTES IN  
NO. 1 DANDY  
MADE IN THE U.S.A.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

MADE IN THE U.S.A.

Mineral Surveyor

I hereby certify upon honor that in pursuance of an order received from the Surveyor General of the State of \_\_\_\_\_, I have faithfully and correctly executed the survey of the mining claim of \_\_\_\_\_ known as the \_\_\_\_\_ (Name of claim, or initials) \_\_\_\_\_ situated in \_\_\_\_\_ (State) \_\_\_\_\_ and designated as Survey No. \_\_\_\_\_ which is represented in the foregoing field notes as having been executed by me and under my direction, and that said survey has been made in strict conformity with said order, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes, and I do further certify that the labor expended and improvements made upon or for the benefit of the \_\_\_\_\_ (Name of claim) location—situated in the said mining claim by claimant—on \_\_\_\_\_ (Date of placer) are fully stated in my report therein, and that the character, extent, location, and true value thereof are specified therein with particularity and full detail, and that no portion of or interest in said labor and improvements are credited to this claim has been included in the estimate of expenditures upon any other claim.

\_\_\_\_\_  
(Mineral Surveyor)

\_\_\_\_\_  
(Place)

\_\_\_\_\_  
(Date)

MADE IN THE U.S.A.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
~~PUBLIC SURVEY OFFICE~~  
Division of Cadastral Engineering

At Albuquerque, New Mexico  
December 30, 1953

I, Office Cadastral Engineer at Albuquerque, New Mexico,  
do hereby certify that the forgoing and hereto attached Field Notes and return of the Survey of the  
Mining Claims of L. E. Shoup  
Barbara 1, Barbara 2, Barbara 3, and Barbara 4 lode claims,  
situate in Long Valley mining district,  
Coconino County, Arizona,  
in Section 30, Township No. 14 North, Range No. 10 East,  
G&SRM, Arizona, designated as Survey No. 4383  
executed by Richard L. Merritt, Mineral  
Surveyer, August 8 to 20 incl., 1953, 19     , under my instructions dated  
July 22, 1953, 19     , 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. The certified copy of the location certificate filed by the applicant for survey is  
included and made a part of these field notes.

  
Geo. H. Well, Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASHINGTON, D. C.

TO: Mr. J. H. ...

DATE: ...

BY: ...

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