

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4444

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Arizona Land District.

**FIELD NOTES**

Of The Survey Of The Mining Claim Of

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Joseph H. Morgan and Margaret I. Lapham  
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Known As The

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Farnum and Forshoda lodes  
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Walker Mining District,

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Yavapai County, Arizona  
Section 32 Township 13 North Range 1 West and  
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Section- Unsurveyed , Township 12 1/2 North , Range 1 West.

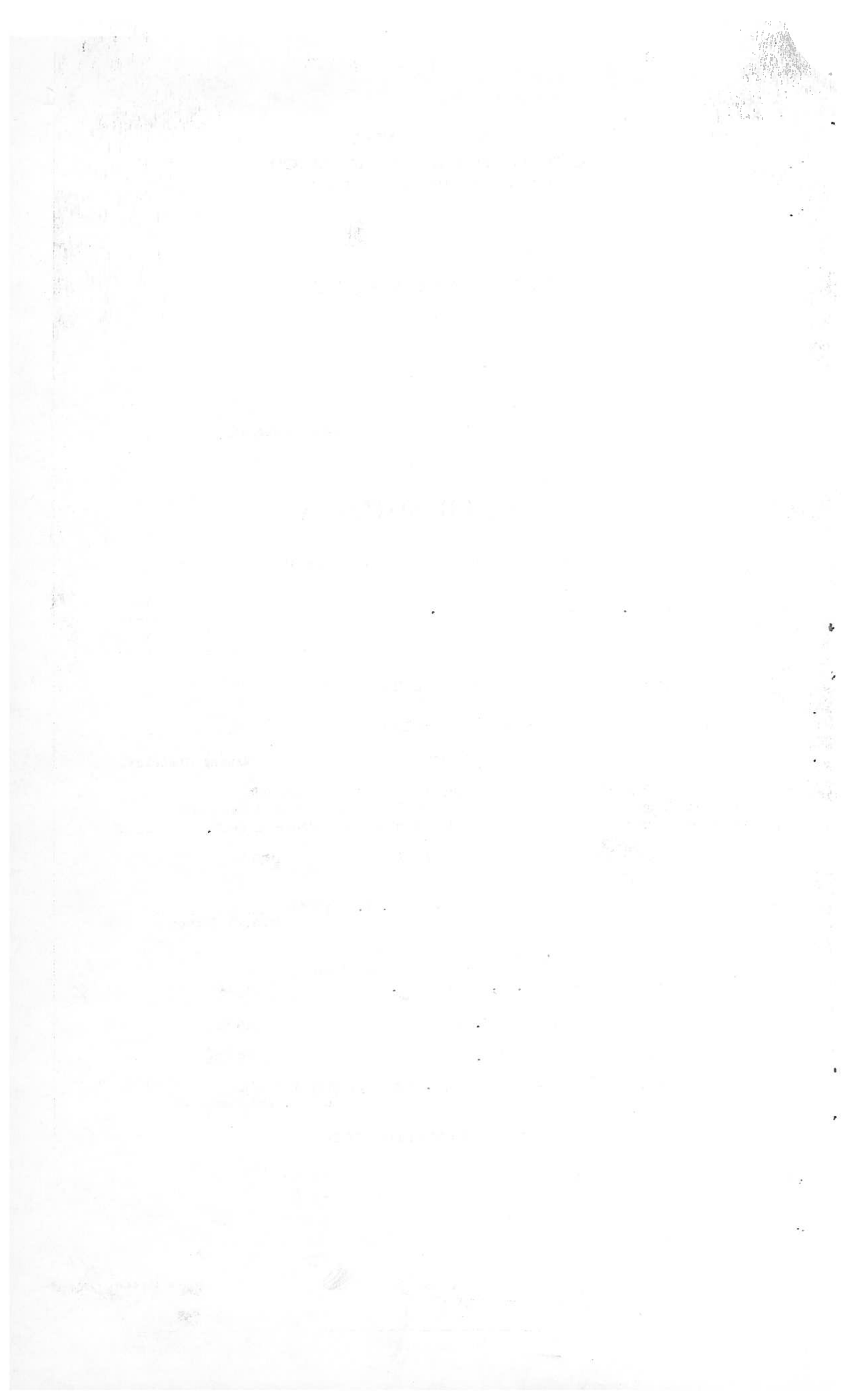
Surveyed under order dated August 10 , 1956

by R. L. Merritt  
Mineral Surveyor.

Farnum lode Forshoda lode  
Claim located Jan. 1, 1894 Jan. 2 , 1900  
Survey commenced Dec. 1 , 1956  
Survey completed Jan. 25 , 1957  
Address of claimant Joseph H. Morgan, Luhrs Building  
Phoenix, Arizona

DATES OF AMENDED LOCATIONS

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Survey No. 4414

1

Chains

This survey was made with a Gurley Transit No. 50962, with horizontal limb 6.25 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; the eyepiece is equipped with a colored glass set in the dust shutter 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 the following observation:

December 1, 1956, at a reference point about 650 ft. in a northeasterly direction from Cor. No. 4 of the Forshoda lode, in latitude  $34^{\circ}27'20''$  N., and longitude  $112^{\circ}23'30''$  W., I made a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing the opposite limbs of the sun, and reading the horizontal angle from the Corner No. 4 to the right to the sun.

Mean time of observation, 10<sup>h</sup> 5<sup>m</sup> 11<sup>s</sup> meridian standard time = 2<sup>h</sup> 11<sup>m</sup> p.m.

Declination of sun at mean time of observation =  $21^{\circ}54'15''$  S.

Mean observed vertical angle to sun's center =  $27^{\circ}40'22''$

Mean horizontal angle from reference point to sun's center =  $14^{\circ}11'$

True bearing to reference point =  $S. 15^{\circ}20'40''$  W.

The lines were measured with a Lufkin steel tape 300 feet in length, graduated every foot, the first and last foot being graduated to tenths and hundredths. The tape was compared with a Lufkin standard tape at the time of beginning the survey, and found correct.

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

The geographic position of Cor. No. 1 of the Forshoda lode, as scaled from U.S.G.S. quadrangle sheet is latitude  $34^{\circ}27.3'$  N., and longitude  $112^{\circ}23.7'$  W.

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

Feet

## FORSHODA LODE

At Cor. No. 1 of the Forshoda lode.

Set an iron pipe, 2 ft. long,  $3/4$  ins. diam., 18 ins. in the ground, with a brass cap mkd. X F-1-4414; from which

The cor. of secs. 31 and 32, T. 13 N., R. 1 W., Gila and Salt River Mer., bears N.  $10^{\circ}55'50''$  W., 681.13 ft. dist.; an iron post, 2 ins. diam., 12 ins. above the ground, firmly set, marked and witnessed as described in the official record.

A pine, 24 ins. diam., bears S.  $6^{\circ}52'$  W., 32.39 ft. dist., mkd. X-BT-F-1-4414.

Thence N.  $19^{\circ}49'$  E.

254. Road, bears N.  $60^{\circ}40'$  W., and S.  $60^{\circ}40'$  E.

358. Wash, 10 ft. wide, course S.  $78^{\circ}$  E.

750. West side monument.

1437.11 Cor. No. 2.

Set an iron pipe, 2 ft. long,  $3/4$  ins. diam., 18 ins. in the ground, with a brass cap mkd. X-F-2-4414; from which

A pine, 14 ins. diam., bears S.  $77^{\circ}05'$  E., 43.81 ft. dist., mkd. X-BT-F-2-4414.

Feet	
300.00	Lode line; discovery point bears S. 66°36' E., 19°49' W., 687.11 ft. dist.
600.00	Cor. No. 3. Set an iron pipe, 2 ft. long, 3/4 ins. diam., 18 ins. in the ground, with a brass cap mkd. X-F-3-4414; from which A pine, 18 ins., diam., bears S. 61°05' E., 31.81 ft. dist., mkd. X-BT-F-3-4414.
660.	Road, bears S. 19°49' W., 55° E., and N. 55° W.
687.11	East side monument.
735.	Road, bears S. 56° E., and N. 56° W.
1040.	Road, bears S. 87°30' E., and N. 87°30' W.
1202.01	Intersect line 3-4 Farnum lode of this survey.
1215.	Wash, 10 ft. wide, course S. 45° E.
1301.27	Intersect line 4-1 Sur. No. 3918 Wedge lode at a point from which; Cor. No. 1 bears S. 52°58' E., 51.80 ft. dist., and Cor. No. 4 bears N. 52°58' W., 310.00 ft. dist.
1437.11	Cor. No. 4. Set an iron pipe, 2 ft. long, 3/4 ins. diam., 18 ins. in the ground with a brass cap mkd. X-F-4-4414; from which Cor. No. 4 Sur. No. 3918 Wedge lode bears N. 32°38' W., 373.48 ft. dist. A pine, 10 ins. diam., bears N. 7°32' E., 6.70 ft. dist., mkd. X-BT-F-4-4414. Thence N. 66°36' W.
49.5	Cor. No. 3 Farnum lode of this survey.
265.	Road, bears S. 12° E., and N. 12° W.
300.0	Lode line; discovery point bears N. 19°49' E., 750.0 ft. dist.
335.01	Intersect line 3-4 Sur. No. 3918 Wedge lode at a point from which Cor. No. 4 bears N. 30°18' E., 210.17 ft. dist.
600.0	Cor. No. 1 and place of beginning.
<b>FARNUM LODGE</b>	
	At Cor. No. 1 of the Farnum lode. Set an iron pipe, 2 ft. long, 3/4 ins. diam., 18 ins. in the ground with a brass cap mkd. X-F-1-4414; from which

Chains Feet	
607.33	<p>The south quarter-section cor. of sec. 32, T. 13 N., R. 1 W., bears S. <math>81^{\circ}15'20''</math> E., 698.2 ft. dist.; an iron post, 1 in. diam., 16 ins. above the ground, firmly set, marked and witnessed as described in the official record.</p> <p>Cor. No. 2 Sur. No. 3854 Pine Mountain lode, bears N. <math>50^{\circ}29'55''</math> E., 271.86 ft. dist.</p> <p>A pine, 12 ins. diam., bears N. <math>54^{\circ}53'</math> E., 31.89 ft. dist., mkd. X-BT-F-1-4414.</p> <p>Thence S. <math>31^{\circ}50'15''</math> W.</p>
1450.0	<p>Cor. No. 6 Sur. No. 3918 Marie lode, identical with Cor. No. 3 Sur. No. 3632 Morning Star lode, witness cor. bears S. <math>59^{\circ}04'30''</math> E., 3.5 ft. dist.</p> <p>Cor. No. 2, identical with Cor. No. 1 Sur. No. 3918 Blue John lode.</p> <p>Replaced loose stone with an iron pipe, 2 ft. long, <math>3/4</math> ins. diam., set 18 ins. in the ground with a brass cap mkd. X-F-2-4414, and BJ-1-3918; from which</p> <p>Cor. No. 4 Sur. No. 3918 Marie lode bears S. <math>73^{\circ}15'20''</math> W., 254.3 ft. dist.</p> <p>A pine, 16 ins. diam., bears N. <math>57^{\circ}48'</math> E., 20.93 ft. dist., mkd. X-BT-F-2-4414.</p> <p>Thence N. <math>66^{\circ}36'</math> W.</p>
139.53	<p>Intersect line 4-5 Sur. No. 3918 Marie lode at a point from which Cor. No. 5 bears N. <math>41^{\circ}54'</math> E., 33.01 ft. dist.</p>
140.	<p>Wash, 10 ft. wide, course S. <math>29^{\circ}</math> E.</p>
300.0	<p>Lode line; discovery point bears N. <math>31^{\circ}50'15''</math> E., 700 ft. dist.</p>
355.	<p>Road, bears N. <math>44^{\circ}</math> E., and S. <math>44^{\circ}</math> W.</p>
523.62	<p>Intersect line 3-4 Sur. No. 3918 Blue John lode at a point from which Cor. No. 4 bears N. <math>30^{\circ}19'</math> E., 124.27 ft. dist.</p>
550.5	<p>Cor. No. 4 Forshoda lode of this survey.</p>
600.0	<p>Cor. No. 3.</p> <p>Set an iron pipe, 2 ft. long, <math>3/4</math> ins. diam., 18 ins. in the ground with a brass cap mkd. X-F-3-4414; from which</p> <p>Cor. No. 1 Sur. No. 3918 Wedge lode, bears N. <math>59^{\circ}55'10''</math> E., 153.50 ft. dist.</p> <p>A pine, 10 ins. diam., bears N. <math>7^{\circ}32'</math> E., 6.70 ft. dist., mkd. X-BT-F-3-4414.</p> <p>Thence N. <math>31^{\circ}50'15''</math> E.</p>
142.0	<p>Intersect line 4-1 Sur. No. 3918 Wedge lode at a point from which Cor. No. 1 bears S. <math>52^{\circ}58'</math> E., 2.55 ft. dist., and its intersection with line 3-4 Forshoda lode of this survey bears S. <math>52^{\circ}58'</math> E., 20.75 ft. dist.</p>
220.	<p>Wash, 10 ft. wide, course S. <math>45^{\circ}</math> E.</p>

237.21	Intersect line 3-4 Forshoda lode of this survey.
407.	Road, bears S. 46° E. and N. 46° W.
684.	Road, bears S. 54° E. and N. 54° W.
700.	West side monument.
759.	Center of road bears S. 55° E. and N. 55° W.
1450.00	Cor. No. 4.
	Set an iron pipe, 2 ft. long, 3/4 ins. diam., 18 ins. in the ground, with a brass cap mkd. X-F-4414, from which
	Cor. No. 2 Sur. No. 2462 West Side lode, bears N. 72° 58' 40" E., 948.70 ft. dist.
	A pine, 22 ins. diam., bears N. 14° 05' E., 22.16 ft. dist., mkd. X-BT-F-4414.
	Thence S. 66° 36' E.
300.0	Lode line; discovery point bears S. 31° 50' 15" W., 750.0 ft. dist.
600.0	Cor. No. 1 and place of beginning.

AREAS

	Acres
Total area, Forshoda lode	19.756
Area in conflict with	
Farnum lode of this survey	0.133
Sur. No. 3918 Wedge lode	1.264
Sur. No. 3918 Wedge lode, exclusive of its conflict with Farnum lode of this survey	1.153
Total area, Farnum lode	19.757
Area in conflict with	
Sur. No. 3918 Wedge lode	0.226
Sur. No. 3918 Wedge lode, exclusive of its conflict with Forshoda lode of this survey	0.115
Sur. No. 3918 Blue John lode	0.741
Sur. No. 3918 Marie lode	1.329
Sur. No. 3918 Marie lode, exclusive of its conflict with Sur. No. 3918 Blue John lode	1.279

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 claimants or their grantors are as follows:

No. 1	The discovery point of the Forshoda lode is on the lode line, 750 ft. from the center of line 4-1. No value.
No. 2	A cut and tunnel, the mouth of which bears N. 59° 39' E., 488 ft. from Cor. No. P of the Forshoda lode, cut 4 ft. wide; 8 ft. deep runs N. 10° E., 40 ft. to portal of tunnel 4 x 6 ft. in size, runs N. 10° E., 20 ft. to face. Value, \$600.00

## Survey No. 4414

## CLAIMS

- No. 3 A trench, the south end of which bears N. 38°23' E., 398.0 ft. from Cor. No. 1 of the Forshoda lode, 6 ft. wide, 9 ft. deep, running N. 36° E., 35 ft.  
Value, \$250.00
- No. 4 A trench, the south end of which bears N. 37°15' E., 345 ft. from Cor. No. 1 Forshoda lode, 8 ft. wide, 4 ft. deep, running N. 40° E., 34 ft.  
Value, \$200.00
- No. 1 The discovery point of the Farnum lode is on the lode line, 750 ft. from the center of line 4-1.  
No value.
- No. 2 A shaft, the center of which bears N. 71°50' E., 362 ft. from Cor. No. 3 of the Farnum lode, 2.5 ft. in diam., 25 ft. deep.  
Value, \$200.00
- No. 3 A caved shaft, the center of which bears N. 60°43' E., 917.0 ft. from Cor. No. 3 of the Farnum lode, 18 ft. diam., 4 ft. deep.  
Value, \$200.00
- No. 4 A caved shaft, the center of which bears N. 60°17' E., 512.0 ft. from Cor. No. 3 of the Farnum lode, 40 ft. diam., 14 ft. deep.  
Value, \$600.00
- No. 5 A shaft, the center of which bears N. 58°10' E., 598 ft. from Cor. No. 3 of the Farnum lode, 12 ft. diam., 12 ft. deep.  
Value, \$200.00
- No. 6 A cut, the mouth of which bears S. 89°15' E., 363 ft. from Cor. No. 3 of the Farnum lode, 4 ft. wide, 10 ft. face runs N. 26° E., 46 ft. to portal of tunnel (caved).  
Value, \$200.00
- No. 7 A shaft, the center of which bears N. 14° E., 495 ft. from Cor. No. 2 of the Farnum lode, 4 ft. diam., 11 ft. deep.  
Value, \$75.00
- No. 8 A trench, the south end of which bears N. 15°35' E., 444 ft. from Cor. No. 2 of the Farnum lode, 6 ft. wide, 3 ft. deep, runs N. 40° E., 77 ft.  
Value, \$225.00

## OTHER IMPROVEMENTS

A house, the SE. corner of which bears N. 35°05' W., 410.0 ft. from Cor. No. 2 of the Farnum lode, 14 x 16 ft. in size, long sides bear N. 75° W.

Claimant herein.

A house, the SW. corner of which bears N. 28°38' W., 315 ft. from Cor. No. 2 of the Farnum lode, 11 x 16 ft. in size, long sides bear S. 80° E.

Claimant herein.

A house, the SW. corner of which bears N. 22°55' W., 490 ft. from Cor. No. 2 of the Farnum lode, 12 x 34 ft. in size, long sides bear S. 85° E.

Claimant herein.

A house, the SE. corner of which bears N. 18°30' W., 568 ft. from Cor. No. 2 of the Farnum lode, 12 x 16 ft. in size, long sides bear S. 86° E.

Claimant herein.

CHAS

A house, the SE. corner of which bears N. 17°00' W., 236 ft. from Cor. No. 2 of the Farnum lode, 15 x 31 ft. in size, long sides bear N. 5° E.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 3918 Wedge lode: Cors. Nos. 1 and 2 are granite stones; Cors. Nos. 3 and 4 are porphyry stones, all properly marked. Lines 1-2, 3-4, and 4-1 were found to be correct as approved.

Sur. No. 3918 Blue John lode: Cors. Nos. 1, 3, and 4 are granite stones, properly marked. Lines 3-4, and 4-1 were found to be correct as approved.

Sur. No. 3918 Marie lode: Cors. Nos. 4 and 5 are granite stones; witness cor. for Cor. No. 6 is a rock reef, all properly marked. Lines 4-5, and 5-6 were found to be correct as approved.

Sur. No. 2462 West Side lode, Cor. No. 2 is a black granite stone properly marked.

Sur. No. 3854, Pine Mountain lode, Cor. No. 2 is a granite stone properly marked.

FIELD ASSISTANTS

Name	Capacity
W. J. Cheek	Chainman
Dean Harris	Chainman

LOCATION

This survey is located in the SW $\frac{1}{4}$  Sec. 32, T. 13 N., R. 1 W., G. & S.R.M., and T. 12 $\frac{1}{2}$  N., R. 1 W., unsurveyed.

The survey of the Forshoda and Farnum lodes is identical with the respective location or amended location as marked on the ground. The location monuments, all mounds of stones, were rebuilt alongside at the four corners of each lode.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Jan. 25<sup>th</sup>, 1957

I, Richard 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, at Phoenix, Arizona

dated August 10<sup>th</sup> 1956, I have faithfully and correctly executed the survey of the mining claim of Joseph H Morgan and Margaret I Lapham

known as the Farnum and Forshoda lode claims  
(Lode, placer, or mill site)

situate in Walker Mining district, in S.W 1/4 section 32

T. 13 N, R. 1 W and  
T. 12 1/2 N, R. 1 W Unsur., G. & S.R. Meridian, Arizona, and  
(State)

designated as Survey No. 4414, 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 Lode location(s) embraced in the said mining claim by  
(Lode or placer)

claimant(s) or their 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)

Richard L. Merritt  
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management, Survey Office  
Phoenix, Arizona  
(Office)

Phoenix, Arizona August 1, 1957  
(Place) (Date)

The foregoing field notes of mineral survey No. 4414, in Walker Mining District  
Section 32 T. 13 N., R. 1 West, and  
Unsurveyed, T. 12 1/2 N., R. 1 West, G. & S.R. Meridian,

Arizona, executed by Richard L. Merritt, Mineral Surveyor,  
(State)

under order dated August 10, 1956, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

Everett H. Kimmell  
Everett H. Kimmell

Office Cadastral Engineer  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. \_\_\_\_\_ is a true copy of the original field notes.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

I, Richard E. [Name], Surveyor, do hereby certify that the above described land is the same as shown on the map or plat of the [Name] Survey, [Date], and that the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

The [Name] Survey, [Date], is a [Type of Survey] Survey, and the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

The [Name] Survey, [Date], is a [Type of Survey] Survey, and the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

The [Name] Survey, [Date], is a [Type of Survey] Survey, and the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

[Signature]  
Surveyor

[Signature]  
[Title]

CERTIFICATE OF APPROVAL

I, [Name], [Title], do hereby approve the above described land as the same as shown on the map or plat of the [Name] Survey, [Date], and that the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

The [Name] Survey, [Date], is a [Type of Survey] Survey, and the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

The [Name] Survey, [Date], is a [Type of Survey] Survey, and the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

The [Name] Survey, [Date], is a [Type of Survey] Survey, and the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

[Signature]  
[Title]

CERTIFICATE OF TRANSFER

I, [Name], [Title], do hereby certify that the above described land is the same as shown on the map or plat of the [Name] Survey, [Date], and that the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

The [Name] Survey, [Date], is a [Type of Survey] Survey, and the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

The [Name] Survey, [Date], is a [Type of Survey] Survey, and the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]

The [Name] Survey, [Date], is a [Type of Survey] Survey, and the same is situated in the [County] County, [State] State, and is bounded as follows: [Description of boundaries]