

SEP. 28 1922  
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SEP - 2 1922

4-683

MINERAL SURVEY No. 3835

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

UNITED VERDE EXTENSION MINING COMPANY

KNOWN AS THE

THIRTY EIGHT, THIRTY NINE, FORTY, FORTY ONE, FORTY TWO LODES.

VERDE Mining District,

YAVAPAI County, ARIZONA

Section 14 Unsur., Township 16 N., Range 2 E

Surveyed under instructions dated March 7, 1922

by J. WILLIAM WAARA  
U. S. Mineral Surveyor.

Claim located see location notices, 19

Survey commenced June 28, 19 22

Survey completed Aug. 11, 19 22

Address of claimant's Agent JOHN H. PAGE & CO. BOX 117  
Phoenix Arizona.

DATES OF AMENDED LOCATIONS.

see letter 10-7-22 tras

Feet

MINERAL SURVEY NO. 3835

THIRTY EIGHT Lode

Beginning at Cor. No.1, a limestone 10 x 12 x 18 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled T E 1 3835 with cross on top for exact corner point, whence

The North 1/4 corner of sec. 23 T. 16 N.R.2 E., of the Gila and Salt River Base and Meridian, brs. S. 20°-50'W. 1433.6 feet.

No other bearings available.

Thence N. 5°-45'W.

1168.4 TO COR. NO. 2, identical with Cor. No.4 Thirty Nine lode of this survey, and Cor. No. 2 Bowsprit lode Sur.No. 1490 whence Cor.No.3 of said Bowsprit lode brs. S.19°-42'E. 1244.4 feet, a limestone set in the ground and surrounded by a concrete slab, chiseled T E 2, T N 4 3835, B 2 1490 with cross on top for exact corner point.

No bearings available.

Thence N.6°-19'W.

83.5 Witness Corner to Cor.No. 3 Thirty Nine lode of this survey hereafter described.

84.5 Point for Cor.No.3 Thirty Nine lode of this survey, hereafter described.

86.9 Intersect line 1-2 Forty Two lode of this survey, S.40°-18'W. 283.7 feet from Cor. No. 2.

296.4 TO COR. NO. 3, a limestone 6 x 8 x 22 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled T E 3 3835 with cross on top for exact corner point, whence,

A limestone reef two feet exposed and thirty feet long, chiseled BxR T E 3 3835, brs. S.74°-20'W. 10.1 feet.

No other bearings available.

Thence N.87°-45'E.

206.7 Cor.No.2 Forty-two lode of this survey, situated on the southerly side line of the Flat Rock lode unsurveyed,

whence the southeast corner of said Flat Rock lode brs,  
S. 53°-50'E. 477.0 feet.

300.0 NORTH CENTER END, a mound of stone.

600.0 TO COR. No. 4, a limestone 10 x 10 x 24 inches long set  
twelve inches in the ground with a substantial mound of  
stone alongside, chiseled T E 4 3835 with cross on top  
for exact corner point.

No bearings available.

Thence S. 5°-32'E.

259.3 intersect the easterly end line of the Flat Rock lode,  
unsurveyed, N.40°-24'E. 50.8 feet from the southeast  
corner.

261.5 Intersect line 1-2 Commodore lode Sur.No. 1490 N.7°-  
59'E. 1241.7 feet from Cor. No. 1 hereafter described.

1423.0 Intersect line 1-4 Commodore lode Sur.No. 1490, identical  
with line 2-3 Commander lode Sur.No. 1490, N.75°-30'E.  
293.8 feet from Cors.No. 1 and 2 respectively.

1483.9 Witness Corner to Cor. No. 5 of this lode hereafter  
described.

1485.4 TO POINT FOR COR. NO. 5, which point fell on rough bed  
rock where it was impracticable to set a stone, so I  
established a witness corner N. 5°-32' W 1.5 feet, a  
rock reef in place three feet exposed and thirty feet  
long, chiseled W C T E 5 3835 with cross on top for  
exact corner point.

No bearings available.

Thence S. 87°-45'W.

290.7 TO COR. NO. 6, being the south Center end of this lode,  
and identical with Cor.No.1 Commodore lode, ~~and~~ Cor.No.2  
Commander lode and Cor. No. 3 Bowsprit lode, all Sur.No.  
1490, a limestone set in the ground and surrounded by a  
concrete slab, chiseled T E 6 3835, C 1, C 2, B 3 1490,  
with cross on top for exact corner point.

No bearings available.

Thence N.88°-16'W.

302.6 TO THE PLACE OF BEGINNING. All corners are identical with

their respective locations. Magnetic variation 15°-10' E.

THIRTY NINE Lode.

Beginning at Cor. No.1, a limestone boulder 3 x 1 x 0.5 feet exposed with a substantial mound of stone alongside, chiseled T N 1 3835 with cross on top for exact corner point, whence,

The North 1/4 corner of Section 23 T. 16 N. R. 2 E. brs. S. 8°-17'E. 906.8 feet.

No other bearings available.

whence N.4°-53'W.

990.2 Intersect line 1-2 Forty Two lode of this survey S.40°-18'W. 1207.7 feet from Cor. No.2 and 96.5 feet from its intersection with line 3-3 Jibstay lode Sur.No.1490.

1314.6 TO COR. NO.2, identical with Cor. No. 2 Jibstay lode Sur. No. 1490, a limestone set in the ground surrounded by a slab of concrete, chiseled T N 2 3835, J 2 1490 with cross on top for exact corner point.

No bearings available.

Thence N.58°-47'E.

380.0 NORTH CENTER END, a mound of stone.

725.9 intersect line 1-2 Forty Two lode of this survey, S.40°-18'W. 290.6 feet from Cor. No. 2, and 6.9 feet from its intersection with line 2-3 Thirty Eight lode of this survey.

731.4 TO POINT FOR COR. NO. 3, on line 2-3 thirty Eight lode of this survey, N.6°-19'W 84.5 feet from Cor. No.2, where it was impracticable to set a stone for corner due to bed rock, so I established a witness corner S.6°-19'E. 1.0 ft. a limestone 8 x 10 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled T N 3 3835 W C with cross on top for exact corner point.

No bearings available.

Thence S.6°-19'E(from true cor. pt.)

1.0 Witness corner to Cor. No. 3, previously described.

-84.5 TO COR. NO. 4 identical with Cor. No.2 Thirty Eight lode of this survey, and Cor. No. 2 Bowsprit lode Sur.No.1490,

101- previously described.

Thence S.8°-02'W.

1422.2 TO POINT FOR COR. NO. 5, on line 1-2 Bowsprit lode Sur. No. 1490 N.8°-02'E. 70.8 feet from Cor. No. 1, where it was impracticable to set a stone for corner due to steep slope, so I established a witness corner S. 58°-47'W. 1.6 feet, a limestone 6 x 10 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled T N 5 3835 W C with cross on top for exact corner point.

No bearings available.

Thence S.58°-47'W (from true Cor.Pt.)

1.6 Witness corner to Cor. No. 5, previously described.

337.7 Intersect line 2-3 Jibstay lode Sur. No. 1490, N.19°-50'W. 55.9 feet from Cor. No. 3 and S.19°-50'E. 1201.8 feet from Cor. No. 2 and ~~936.4 feet from its intersection with line 1-2 Forty lode of this survey.~~

339.2 SOUTH CENTER END, a mound of stone.

379.6 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15°-10'E.

FORTY Lode

Beginning at the point for Cor. No. 1, where it was impracticable to set a stone for corner due to bed rock, so I established a witness corner N.69°-45'E. 5.8 feet, a limestone set in the ground and surrounded by a concrete slab, being identical with Cor. No.1 Jibstay lode Sur.No. 1490, and situated on line 2-3 Binnacle lode Sur.NO.1491 S.20°-29'E. 284.1 feet from Cor.No.3, chiseled W C F 1 3835 J 1 1490 with cross on top for exact corner point, whence (from true Cor.Pt)

The North 1/4 corner to sec. 23 T. 16 N.R. 2 E, brs.

S.31°24'30"E. 880.9 feet.

No other bearings available.

whence N.19°-41'-30"W. (from true Cor.Pt.)

284.1 Intersect line 3-4 Binnacle lode identical with line 1-2 Coxswain lode both Sur.wo. 1491, S.74°-00'W. 2.0 feet

from Cors. No. 3 and 2 respectively.

- 879.0 Intersect line 1-4 Forty One lode of this survey, S.67°-08'W. 2.0 feet from Cor. No. 4.
- 879.26 Intersect line 3-4 Coxswain lode Sur.No. 1491, S.74°-36'W. 2.02 feet from Cor.No.3. Cor.No.2 said Coxswain lode brs. S.19°-41'-30"E. 594.9 feet from Cor.No.3 thereof.
- 1320.06 Intersect line 1-4, Tramway lode Sur.No. 3467, N.40°-24'E. 183.6 feet from Cor. No. 1.
- 1330.8 Witness Corner to Cor. No.2 of this lode, hereafter described.
- 1333.3 TO POINT FOR COR. NO. 2, identical with <sup>Point for</sup> Cor. No. 3 Forty One lode of this survey, where it was impracticable to set a stone for corner due to bed rock so I established a witness corner S. 19°-41'-30" E. 1.5 feet, a limestone boulder 2 x 1 x 0.5 feet exposed and chiseled W C F 2, F O 3 3835 with cross on top for exact corner point.
- From the true cor.point, a limestone boulder 1 x 1 x 0.2 feet exposed and chiseled BxR F 2 3835 brs. S.14°-50'E 10.8 feet.
- Thence N.69°-45'E. (from true cor.Pt.)
- 20.2 Cor.No.4 Forty Two lode of this survey, hereafter described.
- 21.55 Intersect line 1-4 Tramway lode Sur.No. 3467, N.40°-24'E. 208.46 feet from Cor.No.1
- 300.0 NORTH CENTER END, a mound of stone.
- 596.9 Witness Cor. to Cor.No.3 of this lode, hereafter described.
- 597.4 TO POINT FOR COR.NO.3, where it was impracticable to set a stone for corner due to bedrock so I established a witness corner S.69°-45'W. 0.5 feet, a limestone reef projecting horizontally 1x1x1 foot exposed, chiseled W C F 3 3835 with cross on top for exact corner point.
- No bearings available.
- Thence S.7°-23'E. (from true Cor.Pt.)
- 390.0 Intersect line 1-2 Jibstay lode Sur.No. 1490, N.8°-16'E. 1085.8 feet from Cor.No.1, ~~51.1 feet from its intersection with line 1-2 Forty Two lode of this survey,~~ and S.8°-16'W. 382.8 feet from Cor.No.2 of said jibstay lode.
- 426.6 Intersect line 1-2 Forty Two lode of this survey, N.40°-18'E

169.8 feet from Cor. No.1

1367.6 TO COR. NO.4, a limestone 6 x 4 x 20 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled F 4 3835 with cross on top for exact corner point.

No bearings available.

thence S. 69°-45'W.

6.4 SOUTH CENTER END, a mound of stone.

W.C. for Cor. No.1 of this claim and

300.6 Cor.No.1 Jibstay lode Sur.No.1490, previously described.

306.4 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. variation at all corners 15°-00'E.

FORTY ONE Lode.

Beginning at Cor. No.1, a limestone 12 x 12 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled F 0 1 3835 with cross on top for exact corner point, whence,

The Northwest Corner section 23 T. 16 N. R. 2 E, brs. S. 42°-39'W. 1759.6 feet.

A limestone reef 3 x 2 x 0.5 feet exposed and chiseled BXR F 0 1 3835, brs. N.0°-55'W. 22.3 feet.

thence N.19°-56'W.

53.3 WEST CENTER END, a mound of stone.

94.5 Intersect line 1-4 Cable lode Sur.No. 3467, S.42°-30'W. 665.1 feet from Cor. No.4, and 6.2 feet from its intersection with line 3-4 Coxswain lode Sur.No.1491.

97.8 Intersect line 3-4 Coxswain lode Sur.No. 1491, S.74°-36'W. 751.5 feet from Cor.No.3, and 5.5 feet from its intersection with line 1-4 cable lode Sur.No. 3467.

126.3 TO COR. NO.2, a limestone 12 x 12 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled F 0 2 3835 with cross on top for exact corner point, whence,

A limestone reef 3 x 4 x 0.5 ft exposed and chiseled BXR F 0 2 3835, brs. N.87°-20'E. 20.2 feet.

thence N.44°-04'E.

656.0 Intersect line 3-4 cable lode identical with line 1-2 Tramway lode, both Sur. NO. 3467, N. 19°-51' W. 11.7 and 25.3 feet from Cors. No. 4 and 1 respectively.

833.5 TO POINT FOR COR. NO. 3 identical with <sup>Point for</sup> Cor. No. 2 Forty lode of this survey, previously described. Witness Corner previously described brs. S. 19°-41'-30" E. 1.5 feet.  
Thence S. 19°-56' E.

12.2 Intersect line 1-4 tramway lode Sur. No. 3467, N. 40°-24' E. 183.66 feet from Cor. No. 1 and ~~0.06 feet from its intersection with line 1-2 Forty lode of this survey.~~

153.0 EAST CENTER END, a mound of stone.

453.3 TO COR. NO. 4, identical with Cor. No. 3 Coxswain lode Sur. No. 1491, a limestone set in the ground and surrounded by a concrete slab, chiseled F O, 4 3835, C 3 1491 with cross on top for exact corner point.

No bearings available.

Thence S. 67°-08' W.

2.0 Intersect line 1-2 Forty lode of this survey, S. 19°-41'-30" E. 453.3 feet from Cor. No. 2, ~~441.06 feet from its intersection with line 1-4 tramway lode Sur. No. 3467, and 0.26 feet from its intersection with line 3-4 coxswain lode Sur. No. 1491.~~

750.1 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15°-10' E.

FORTY TWO Lode.

beginning at Cor. No. 1, a limestone 6 x 8 x 20 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled F T 1 3835 with cross on top for exact corner point, whence,

The North 1/4 corner Sec. 23 T. 16 N. R. 2 E. brs. S. 13°-37' E. 1710.2 feet.

No other bearings available.

whence N. 40°-18' E.

151.0 Intersect line 1-2 Jibstay lode Sur. No. 1490, N. 8°-16' E. 1034.7 feet from Cor. No. 1, and S. 8°-16' W. 433.9 feet from Cor. No. 2, and ~~51.1 feet from its intersection with~~



~~line 3-4 Forty lode of this survey.~~

- 169.8 Intersect line 3-4 Forty lode of this survey, S.7°-23'E.  
426.6 feet from Cor. No. 3 ~~and 36.6 feet from its intersection  
with line 1-2 Jibstay lode Sur.No. 1490.~~
- 290.2 Intersect line 1-2 Thirty Nine lode of this survey, S.4°-  
53'E. 324.4 ft. from Cor. No. 2.
- 386.7 Intersect line 2-3 Jibstay lode Sur.No. 1490, S.19°-50'E.  
265.4 feet from Cor. No. 2.
- 1207.3 Intersect line 2-3 Thirty Nine Lode of this survey, N.58°-  
47'E. 725.9 feet from Cor. No. 2.
- 1214.2 Intersect line 2-3 Thirty Eight lode of this survey, S.6°-  
19'E. 209.5 feet from Cor. No. 3.
- 1497.9 TO COR. NO. 2 located on line 3-4 Thirty Eight lode of this  
survey N.87°-45'E. 206.7 feet from Cor. No. 3, a limestone  
6 x 8 x 20 inches long set twelve inches in the ground with  
a substantial mound of stone alongside, chiseled F T 2 3835  
with cross on top for exact corner point.  
No bearings available.
- 300.3 NORTH CENTER END, a mound of stone.  
600.6 TO COR. NO. 3 a limestone 4 x 8 x 24 inches long set  
twelve inches in the ground with a substantial mound of  
stone alongside, chiseled F T 3 3835 with cross on top  
for exact corner point, whence,  
A limestone boulder 1x1x0.8 feet exposed and chi-  
seled BxR F T 3 3835 brs. S.19°-36'E. 43.5 feet.  
whence S.40°-20'W.
- 207.2 Intersect line 3-4 Tramway lode Sur.No. 3467, N.19°-51'W.  
2.45 feet from Cor. No. 4.
- 1497.9 TO COR. NO. 4 located on line 2-3 Forty ~~One~~ lode of this  
survey S.69°-45'W. 577.2 feet from Cor. No. 3, ~~and 1.35  
feet from its intersection with line 1-4 tramway lode Sur.  
No. 3467,~~ a limestone 6 x 8 x 18 inches long set twelve  
inches in the ground with a substantial mound of stone  
alongside, chiseled F T 4 3835, with cross on top for  
exact corner point, whence,  
A limestone boulder 2 x 1 x 0.5 feet exposed and  
chiseled BxR F T 4 3835, brs. S.33°-11'W. 12.7 feet.

Thence S. 54°-03' E.  
 0.66 Intersect line 1-4 tramway lode Sur.No. 3467, S. 40°-24' W.  
 1289.57 feet from Cor. No. 4, and 1.13 feet from its inter-  
 section with line 2-3 Forty lode of this survey.  
 300.3 SOUTH CENTER END, a mound of stone.  
 601.0 TO THE PLACE OF BEGINNING. All corners are identical with  
 their respective locations. Variation at all corners 15°-  
 10' E.

LODE LINES.

As near as can be determined from the present develop-  
 ments, the veins on the respective lodes extend as follows  
 from their discoveries;

THIRTY EIGHT Lode

N. 5°-53' W. 285.0 ft and S. 5°-53' E. 1201.1 ft.

THIRTY NINE Lode

N. 6°-51' E. 365.0 ft and S. 6°-51' W. 1131.8 ft.

FORTY Lode

N. 19°-41'-30" W. 600.0 ft. and S. 19°-41'-30" E. 732.3 ft.

FORTY ONE Lode

N. 49°-13' E. 160.0 ft and S. 49°-13' W. 641.5 ft.

FORTY TWO Lode

N. 40°-20' E. 120.0 ft. and S. 40°-20' W. 1327.9 ft.

AREAS

THIRTY EIGHT Lode

	Acres	Acres
Total area - - - - -		20.173
Area in conflict with		
Commodore lode Sur.No.1490	3.869	
Commander lode Sur.No.1490	0.208	
Bowsprit " " " "	4.024	
Forty Two lode this survey	0.496	
Flat Rock lode unsur.	1.446	

THIRTY NINE Lode

Total area - - - - -		15.368
Area in conflict with		
Forty Two lode this survey	3.423	
Jibstay lode Sur.No. 1490	4.678	
Jibstay lode Sur.No.1490 exclu- sive of its conflict with Forty Two lode of this survey	4.423	

FORTY Lode

Total area - - - - -		13.825
Area in conflict with		

	acres	acres
Area in conflict with		
Jibstay lode Sur.No. 1490	3.287	✓
Coxswain lode Sur.No.1491	0.027	✓ O.K.
Tramway lode Sur.No.3467	0.003	✓
Binnacle lode Sur.No.1491	0.025	✓
Forty Two lode this survey	3.923	✓
Forty One lode this survey, ex- clusive of its conflict with Tramway lode Sur.No.3467 and Coxswain lode Sur.No. 1491	0.010	✓
Jibstay lode Sur.No.1490, ex- clusive of its conflict with Forty Two lode this survey	3.284	✓
Forty One lode this survey ex- clusive of its conflict with Tram- way lode Sur.No.3467	0.010	✓
Forty One lode, this survey exclusive of its conflict with Coxswain lode, Sur.No. 1491	0.010	✓
<b>FORTY ONE Lode</b>		

<b>Total area</b> - - - - -		4.984
Area in conflict with		
Coxswain lode Sur.No.1491	0.841	✓
Forty lode of this survey	0.010	✓
Cable lode Sur.No.3467	0.294	✓
Tramway lode Sur. No. 3467	0.069	✓
Coxswain lode Sur.No.1491 ex- clusive of its conflict with Cable lode Sur.No.3467	0.841	✓

**FORTY TWO Lode**

<b>Total area</b> - - - - -		20.597
Area in conflict with		
Tramway lode Sur.No.3467	0.041	✓
Jibstay Sur.No. 1490	0.623	✓
Jibstay Sur.No.1490 exclusive of its conflict with Thirty Nine lode of this survey	0.368	✓
Jibstay Sur.No.1490 exclusive of its conflict with Forty lode of this survey	0.617	✓
Tramway lode Sur.No.3467 ex- clusive of its conflict with Forty lode this survey	0.041	✓

**LOCATION**

This survey is located in sec. 14 unsurveyed T.16 N. R.2 E.Gila and Salt River Base and Meridian, within the Prescott National Forest, Verde Mining District, Yavapai County, state of Arizona.

**EXPENDITURE OF FIVE HUNDRED DOLLARS**

I hereby certify that the value of the labor and improvements made upon or for the benefit of these locations by the claimant or its grantors is less than five hundred dollars, and that said improvements consist of;

THIRTY EIGHT lode

No.1 Discovery cut and tunnel, the mouth of tunnel brs.

S.5°-53'E. 285 feet from the North center end. Cut 4 x 22 x 10 foot face and tunnel, 4 x 6 x 70 feet long.

Value cut \$ 150.00  
tunnel 1050.00

THIRTY NINE Lode

No.1 discovery cut, the mouth of which brs. S.6°-51'W 365 feet from the North Center end. cut 4 x 17 x 10 foot face. Value \$ 100.00

FORTY Lode

No.1 discovery cut, the face of which brs. S.19°-41'-30"E. 600 feet from the North center end. cut 4 x 16 x 10 foot face. Value \$ 100.00

FORTY ONE Lode

No.1 Discovery shaft, the center of which brs. S.49°-13'W. 160 feet from the East center end. 4 x 6 x 8 feet deep. value \$100.00

FORTY TWO Lode

No.1 Discovery cut and tunnel, the mouth of tunnel brs. S.40°-20'W. 120 feet from the east center end, cut 4 x 18 x 8 foot face, tunnel 4 x 6 x 22 feet

Value cut \$100.00  
tunnel 330.00

OTHER IMPROVEMENTS

None.

ADJOINING CLAIMS

This survey is bounded on the north by the Cable and Tramway lodes Sur.No.3467 and Flat Rock lode, unsurveyed. United Verde Copper Company, claimant, and on the west south and east by the Coxswain, and Binnanle lodes Sur.No 1491, Jibstay, Bowsprit, Commander and Commodore lodes Sur. No. 1490, Jerome Verde Development Company, claimant.

INSTRUMENT

This survey was made with a Lietz Light Mountain transit theodolite, No.13-5929. The courses were deflected from the true meridian, as determined by direct solar observations. The distances were measured with a 500 foot steel tape.

## REPORT

The northwest corner and the north 1/4 corner of sec. 23 T. 16 N. R. 2 E. are pipe corners properly set and marked. Sur.No.1490

The corners adjoining this survey are stones properly set and recently reinforced with a concrete slab, and chiseled with the number of the corner and survey. I do not agree with the courses and distances of any of the lines of this survey.

Sur.No.1491

The corners adjoining this survey are stones properly set and recently reinforced with a concrete slab, and chiseled with the number of the corner and survey. I do not agree with the courses and distances of any of the lines of this survey.

Survey No.3467.

The corners adjoining this survey are concrete monuments properly set and marked with the corner number and number of the survey. I do not agree with the length of line 1-4 tramway lode.

Flat Rock lode, unsurveyed.

The southeast corner of this lode is an ironpin driven into the ground with a white post 4"x 4"x 4 feet long set in the ground alongside.

The discrepancies found existing between the claims as marked by the location monuments and as described in the location notices are due to errors in the location notices.

The discrepancies between the lines of this survey and prior approved surveys are due to errors in the latter.

*William W. W. W.*  
U. S. Mineral Surveyor

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by J. William Waara  
 United States 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~~ UNITED  
 VERDE EXTENSION MINING COMPANY, known as the THIRTY EIGHT, THIRTY NINE  
~~XXXXXXXX~~ FORTY, FORTY ONE and FORTY TWO lodes  
 and showing the respective capacities in which they acted.

Kellis Conway ..... , *Chairman.*  
D.  
Walter Roberts ..... , *Chairman.*  
 ..... , *Arman.*  
 ..... , *Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, Kellis Conway  
 and D. Walter Roberts ..... , do solemnly swear that we assisted  
William Waara, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of United Verde Extension  
Mining Company, known as the THIRTY EIGHT, THIRTY NINE,  
~~XXXXXXXX~~ FORTY, FORTY ONE. AND FORTY TWO lodes  
 represented in the foregoing field notes as having been surveyed by said 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 instruc-  
 tions furnished by the United States Surveyor-General for Arizona

Kellis Conway ..... , *Chairman.*  
W. D. Roberts ..... , *Chairman.*  
 ..... , *Arman.*  
 ..... , *Flagman.*

Subscribed and sworn to by the above-named persons before me this 11th  
 day of August ..... , 1922

William Waara  
 U.S. Mineral Surveyor  
 8-1013

REPORT ON OATH OF ASSISTANTS  
MINERAL SURVEY NO. 3835

Owing to the fact that this survey was completed after business hours on August 11th. 1922, I was unable to get a Notary Public to take the oath of my assistants,

It was necessary for me to return to Prescott Arizona, promptly, and rather than go to the expense of staying another day in Jerome, to the inconvenience of myself and my assistants, I took the oath of my assistants in my capacity as a U. S. Mineral Surveyor.

*William Coasa*  
U. S. MINERAL SURVEYOR

Sept. 1 1922.

4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

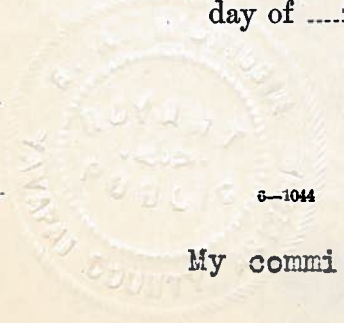
I, J. WILLIAM WAARA, U. S. Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the United States  
Surveyor General for ARIZONA, dated  
MARCH 7 1922, I have, in strict conformity to the laws of the  
United States, the official regulations and instructions thereunder, and the instructions  
of said Surveyor General, faithfully and correctly executed the survey of the Mining  
Claim of UNITED VERDE EXTENSION MINING COMPANY, KNOWN AS THE  
THIRTY EIGHT, THIRTY NINE, FORTY, FORTY ONE, AND ~~XXXXXXXXXX~~  
FORTY TWO LODES,  
situate in VERDE Mining District,  
YAVAPAI County, ARIZONA, in Section  
14 Unsur., Township No. 16 N., Range No. 2 E.,  
and designated as Survey No. 3835, 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 per-  
petuated in strict accordance with the law, official regulations and instructions there-  
under; 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 its 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.

*J. William Waara*  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said J. William Waara  
U. S. Mineral Surveyor, before me \_\_\_\_\_  
\_\_\_\_\_ this 31st.  
day of August, 19 22

*C. M. Swiggin*  
Notary Public.

My commission expires, Dec. 7th. - A. D. - 1922.





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

Department of the Interior,  
OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

October 25, 1922.

I, U. S. Surveyor-General for District of Arizona  
do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey  
of the mining claim of

United Verde Extension Mining Company

known as the THIRTY EIGHT, THIRTY NINE, FORTY, FORTY ONE, FORTY TWO Lodes

situate in Verde

Mining District, Yavapai County, Arizona

in Section 14 Unsur., Township No. 16 N., Range No. 2 E., and

designated as Survey No. 3835, 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 less than five hundred dollars' worth of labor has been expended or improve-  
ments made upon said mining claims by claimant or its grantors, and that said improvements  
consist of 1 shaft, 4 cuts and 2 tunnels, total value \$1930.

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 P. Trott

United States Surveyor-General for Arizona.

29  
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**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.

October 25, 1922

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

United Verde Extension Mining Company

, known as the

THIRTY EIGHT, THIRTY NINE, FORTY, FORTY ONE, FORTY TWO Lodes

situate in Verde mining district,

Yavapai County, Arizona

in Section 14 Unsur., Township No. 16 N., Range No. 2 E.

, designated as Survey No. 3835

executed by J. William Waara, U. S. Mineral

Surveyor, June 28 - Aug. 11, 1922, under my instructions dated


March 7, 1922, 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

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

  
U. S. Surveyor General for Arizona.

(4-691.)

# Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for District of Arizona,

do hereby certify that Five Hundred Dollars' worth of labor has been expended or improvements made by claimant or its grantors, upon the mining claims of United Verde Extension Mining Company

known as the THIRTY EIGHT, THIRTY NINE, FORTY, FORTY ONE, FORTY TWO lodes,

situate in Verde mining district,

Yavapai County, Arizona

in Section 14 Unsur., Township No. 16 N, Range No. 2 E.

that said improvements consist of in addition to the improvements reported at time of survey, 1088 feet of tunnel, value \$16,320, a 1/5th interest in whose value is credited to each of the above named claims.

, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim. A copy of the report of J. Wm. Waara, U. S. ~~Deputy~~ Deputy Mineral Surveyor, dated January 29, 1923, 18, is hereto attached.



U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,  
Phoenix, Arizona,

February 1, 1923.

JAN 31 1931

MINERAL SURVEY NO. 3835

VERDE MINING DISTRICT

THIRTY EIGHT  
THIRTY NINE  
FORTY  
FORTY ONE  
FORTY TWO

lodes

UNITED VERDE EXTENSION MINING COMPANY

CLAIMANT.

I hereby certify that the value of labor performed and improvements made upon or for the benefit of <sup>each of</sup> the lodes embraced in Mineral Survey No. 3835, by the claimant or its grantors is not less than Five hundred dollars and that said improvement in addition to that which was reported at the time of making the survey, consists of:-

An undivided one fifth interest in that certain tunnel starting at the 1700 foot level of the United Verde Extension Mining Company's Edith shaft, situated on the Iron Carbonate Lode Survey No. 1212, hereinafter described, credited to each claim in Sur. No. 3835.

Value                      \$ 3264.00

COMMON IMPROVEMENT

The improvement above referred to, is a cross cut tunnel, known locally as No. 1701 now in the course of construction on the 1700 foot level of the United Verde Extension Mining Company's property, its initial point being the Edith shaft at the 1700 foot level, and its objective point being the lodes embraced in Sur. No. 3835, United Verde Extension Mining Company, claimant.

This improvement commencing at the lowest level of the United Verde Extension Mine, is being driven to and will facilitate the development of the lodes embraced in Mineral Survey No. 3835. The initial point of the tunnel is at the centralized point of hoisting and haulage facilities of this company's property, elaborately equipped for the economical handling of mining operations. The equipment thus available for the driving of this tunnel, permits exploration and development of this survey at less cost and to

if continued to a point below the lowest elevation within said survey it would have a depth of 1100 feet. It will be apparent from the above that a shaft 1100 feet deep would be necessary to attain the same advantages that this tunnel would make available. This tunnel will be used for haulage of ore developed and also for drainage purposes, it being only 400 feet below the level of the gravity drainage system of the mine proper, with the pumping equipment already installed to lift the water.

I consider this tunnel in the same light as if it were an adit tunnel, but in this case the portal being on the 1700 foot level of the company's main working shaft instead of on the surface of the ground. The claimant has obtained rights of way through intervening property and proposes to enter and develop its non contiguous holdings of this survey in the same manner as a claimant on surface proceeds under tunnel site agreements to develop his ground by passing through similar intervening property. Taking into consideration topographical conditions, haulage and drainage facilities, I consider this improvement a common improvement and of such a character as to redound to the benefit of the following lodes embraced in this survey to wit:-

Mineral Survey No. 3835

Thirty Eight  
 Thirty Nine  
 Forty  
 Forty One  
 Forty Two

#### Description of Improvement Completed

Commencing at a point at the south end of the 1700 foot station of the Edith Shaft, south 75 feet from the center of said shaft, thence West 340 feet to a point; thence N.48°W 529 feet; thence N.5°W 109 feet; thence N.65°W. 80 feet; thence N.25°E. 30 feet to face of tunnel, having a total length of 1088 feet

Value \$16320.00

Equal undivided 1/5 th interest in the above mentioned improvement.

Value \$3264.00

*William Coara*

I. J. William Waara, U.S. Mineral Surveyor for the District of Arizona, first being duly sworn, depose and say that the above supplemental report is true and correct and that the improvements mentioned therein were made and completed prior to the date of the expiration of the publication of the Notice of Application for patent to the lands embraced within Mineral Survey No. 3835

*J. William Waara* ---  
U. S. MINERAL SURVEYOR

State of Arizona )  
                          ) ss  
County of Yavapai )

Subscribed and sworn to by said J. William Waara, before me a Notary Public in and for the County of Yavapai, State of Arizona, this 30<sup>th</sup> day of January 1923 A. D.

*E. J. Horne* ---  
NOTARY PUBLIC

My commission expires  
*Apr 7<sup>th</sup> 1923* ---