

JUN 8- 1914  
AUG 8- 1914

(4-683.)

Mineral Survey No. 3132

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

Arizona Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Arizona  
The Copper Belt Mining Co

by D. J. Wilthey Esq.

KNOWN AS THE

Wren #1, Wren #2, Wren #3, Wren #4

Black Rock Mining District,

Yavapai County, Arizona

Section Approx 15, Township 8 N, Range 3 W, U7541

Surveyed under instructions dated May 12th, 1914

by John Miller  
U. S. ~~Deputy~~ Mineral Surveyor

Claim located See location notices, 1

Survey commenced May 18th, 1914.

Survey completed May 22nd, 1914.

o 6-121

Address

Wm J. Wilthey Esq  
25 Broad Street  
New York City

# Survey 3132

Wren No 1

1  
2

Courses

Feet

Beginning at Corner 1, the East Corner  
a granite stone 28" x 11" chiseled W-1-1-3132 set  
13" in ground, mound of stones 2 ft 6 inch high  
3 ft in diameter at base built alongside  
U. S. L. M. No. 1385 bears N36°51'E 5366 ft.

Thence S 45° 30' W.

1430 To Cor. <sup>No.</sup> 2 on line 1-2 Cuprite lode Survey 1530  
a granite stone 24" x 14" chiseled W-1-2-3132 set  
13" in ground and mound of stones 2' 9" high  
3' in diameter at base built alongside

Thence N 40° 04' W.

50 To West End Center, <sup>on line 2-1 Cuprite lode Survey 1530</sup>  
a granite stone 25" x 8" chiseled  
W.E.C. W-1- set 12" in ground, mound of stones  
2' 5" high, 3' diameter <sup>at base</sup> built alongside

285 To Cor. 3 also Cor 2. Gray Dick lode, Survey 1530  
a granite stone 25" x 10" chiseled W-1-3-3132 set 12"  
in ground, mound of stones 2' 6" high 3' diameter  
at base built alongside, Cor 1 said Gray Dick lode  
bears N59° 23' E 1173.3 ft.

Thence N 45° 30' E

1160.9 Intersect line 4-1. Gray Dick lode Survey 1530, at  
N 40° 04' W - 282.3 ft from Cor 1.

1246 Intersect West End line Geo. W. Morgan Claims, <sup>UNSUR,</sup>  
at N 38° 38' W - 148.9 ft from S. corner

1430 To Cor. <sup>No.</sup> 4. A granite stone 25" x 13" chiseled  
W-1-4-3132. set 12" in ground, mound of stones  
2' 6" high 3' diameter at base built alongside.

Thence S 40° 04' E

137 Intersect South East side line, Geo. W. Morgan Claims, <sup>UNSUR,</sup>  
at N 42° E 189 ft from South Corner.

235 To East End Center, a granite stone 25" x 7"  
chiseled E.E.C. W-1 set 12" in ground, mound  
of stones 2' 6" high 3' diameter at base built  
alongside.

285 To Cor 1 and place of beginning.  
South Corner of Geo W. Morgan Claims, <sup>UNSUR,</sup>  
marked with a pine post 4" x 4" x 4' set  
1' in ground, mound of stones built around,  
post bears S. 83° W. 223 ft

No bearing objects available

# Survey 3132 - Continued

## Wren # 2

Chain	Feet	Description
		Beginning at North Corner, Cor 1, also Cor 1 Wren No 1 lode of this survey, A granite stone chiseled W-2-1-3132 set 13" in ground and corner described in notes of Wren No 1 lode of this survey. U. S. L. M. 1385 bears N36°51'E. 5366 ft. Thence S. 45°30' W.
1430		On line 1-2. Wren No 1 lode of this survey To Cor. 2, also Cor. 2 Wren No 1 lode of this survey a granite stone chiseled W-2-2-3132 set in ground 12", mound of stones described in notes of Wren No 1 lode of this survey. Thence S 40°04' E
300.8		To West End Center, a pine post 4" x 4" x 4' scribed W.E.C. W 2 set 1 ft in ground, mound of stones 2 1/2 ft high built around post.
497.6		Cor 2. Cuprite lode and Cor 1 Copper Zone lode. Survey 1530.
601.6		To Cor 3. a granite stone 26" x 13" chiseled W-2-3-3132 set 13" in ground, mound of stones 2'7" high, 3'4" in diameter, built alongside Thence N. 45°30' E
14.08		Cor 4. Wren # 4 of this survey and intersect line 1-2. Copper Zone lode Survey 1530 - S 47°50' E 103.89 ft from Cor. 1.
148.08		Witness stone for N.E.C. Wren # 4 lode of this survey
157.08		Center of Wagon road to Shaft 1, Wren # 2 lode of this survey 8 ft wide
426.08		Cor 1, Wren # 4, also Cor 4 Wren # 3 lodes of this survey
687.08		North End Center Wren # 3 lode of this survey,
849.08		Center of Morgan Wickenburg road 8 ft wide
987.08		Cor 1. Wren # 3 lode of this survey
1430		To Cor 4. a granite stone 29" x 12" chiseled - W 2-4-3132. set 14" in ground, mound of stones 2'6" high, 3'4" in diameter at base built alongside. Cor. of loc. brs. N. 45°30' E 74 ft. Thence N. 40°04' W.
155		Center Morgan Wickenburg road 8 ft. wide
300.8		East End Center, a granite stone 24" x 9" chiseled E.E.C. W. 2, set 12" in ground, mound of stones 2'5" high - 3' diameter built alongside
601.6		To Cor 1 and place of beginning No bearing objects available

# Survey 3132 Continued

4 3

## Wren # 3

- | Course | Feet                                     | Description  |
|--------|--|--|
|        |  | Beginning at the north corner Cor 1., on line 3-4. Wren # 2 lode of this survey -<br>A granite stone 25" x 9" chiseled W-3-1-3132, set 13" in ground, mound of stones 2'7" high 3 1/4" diameters at base built alongside.<br>U. S. L. M. <sup>No.</sup> 1385 bears N31°51'E - 5964 ft<br>Thence S 47°36'E. |
| 1265   | To Cor 2,                                | A granite stone 24" x 10" chiseled W-3-2-3132 set 12" in ground, mound of stones 2'5" high 3' ft diameters at base built alongside.<br>Thence S 45°30' W   |
| 300    | South End Center,                        | A granite stone 26" x 12" chiseled S.E.C. W-3, set 13" in ground, mound of stones 3' high 3 1/2" in diameter at base built alongside,  |
| 561    | Cor 3. on line - 1-2                     | Wren # 4 lode of this survey,<br>A granite stone 26" x 8" chiseled W-3-3-3132 set 13" in ground, mound of stones 2'6" high 3'1" in diameter at base built alongside<br>A granite rock in place 3 1/2' x 2' chiseled B. R. W. 3-3-3132 bears N32° W - 21 ft,<br>Thence N 47° 36' W                          |
|        |  | On line 1-2 - Wren # 4 lode of this survey, 234.65 ft from Cor No 2  |
| 874    | Center of Morgan - Wickenburg road       | 8 ft wide  |
| 1265   | To Cor 4. on line 3-4.                   | Wren # 2 lode of this survey. 426.08 ft from Cor 3.<br>Thence N 45° 30' E  |
|        |  | <del>On line 3-4 - Wren # 2 lode of this survey, 426.08 ft from Cor 3</del>  |
| 261    | North End Center,                        | A granite stone 28" x 13" chiseled N.E.C. W-3. set 13" in ground, mound of stones 2'5" high, 3' diameters at base built alongside  |
| 401    | Morgan - Wickenburg road -               | 8 ft. wide   |
| 561    | Cor 1 and place of beginning on line 3-4 | Wren # 2 lode of this survey 987.08 ft. from Cor. No. 3.<br>No other bearing objects available   |

~~Mound of stones built at Corner 4 is 2'6" high 3' diameters at base, granite stone set 14" in ground marking corner or chiseled W-3-4-3132 diameter of stone is 26" x 10" A granite stone 26" x 10" chiseled W 3-4-3132, set 14" in ground, mound of stones 2'6" high 3' diameter at base built alongside.~~

# Survey - 3132 Continued

Wren # 4

4

5

Course	Feet	Description
		Beginning at north corner, Cor 1. also Cor 4 Wren # 3 lode of this survey A granite stone chiseled W-4-1-3132 set in ground and mound stones described in notes for Wren # 3 lode of this survey. U. S. L. M. 1385 bears N 33° 01' E 6510 ft Thence S 47° 36' E
		On line 3-4. Wren # 3 lode of this survey
	391	Center of Morgan - Wickenburg road 8 ft. wide
	1265	Cor 3 - Wren # 3 lode of this survey.
	1499.65	Cor 2. A granite stone 26" x 10" chiseled W-4-2-3132 set 13" in ground, mound of stones 2 1/2 ft high 3 1/2" diameter at base built alongside Thence S 45° 30' W
	300	South End Center, A granite stone 24" x 8" chiseled S.E.C.W. 4. set 12" in ground, mound of stones 2'6" high, 3'1" diameter at base built alongside
	406	Cor 3 - A granite stone 24" x 12" chiseled W. 4-3-3132 set 12" in ground, mound of stones 2'5" high 3'1" diameter at base built alongside. Thence N. 47° 50' W
	161.39	Cor. 2 Copper Zone lode survey 1530 On line 1-2 Copper Zone lode survey 1530
	1129.39	Center Morgan - Wickenburg road 8 ft wide
	1500	Cor. 4. A granite stone 24" x 10" chiseled W. 4-4-3132, set 12" in ground, mound stones 2'7" high 3'4" diameter at base built alongside Cor 4 is on line 3-4- Wren # 2 lode of this survey 14.08 ft from Cor. 3. Thence N 45° 30' E
	134	On line 3-4- Wren # 2 lode of this survey, W. C. for N.E.C., hereafter described.
	138	North End Center, this being in road to Shaft 1- Wren # 2 lode of this survey. "8 ft wide", set granite stone 24" x 8" chiseled N.E.C. W 4- W.C 12" in ground S 45° 30' W. 4 ft from N.E.C., mound of stones 2'7" high, 3'3" diameter at base built alongside
	412	Cor 1 and place of beginning

No bearing objects available  
Variation at all Corners 14° 48' E.

# Survey 3132 Continued

Wren #2 of this Survey and Copper Zone Survey 1530 Conflict

Feet	Beginning at Cor 1 Copper Zone <sup>also</sup> Cor 2 Cuprite <sup>both</sup> of survey 1530 Thence S 40° 04' E
104	To Cor 3 - Wren #2 lode of this survey Thence N 45° 30' E
14.08	To Cor 4 - Wren #4 lode of this survey Thence N 47° 50' W
103.89	To place of beginning,

## Location Corners

Cor. of <sup>location</sup> Wren #2 lode <sup>of amended location</sup> of this survey bears N 45° 30' E 74 ft from the corner 4 of said lode.  
All other corners identical with corners of amended locations.

## Lode Lines

As near as can be determined from present developments the veins of the several locations embraced in this claim extend as follows from their respective discovery points.

### Wren No 1 Lode

290 ft. S 45° 30' W. and 1140 ft N 45° 30' E from discovery cut where copy of location notice is posted in mound of stones 2' 7" high, 3' diameter at base

Course S. W. 200' in amended location is in error

### Wren #2 Lode

444 ft S 45° 30' W. and 986 ft N 45° 30' E, from discovery shaft and cut where copy of amended location is posted in mound of stones 2' 6" high, 3' 2" diameter at base.

### Wren #3 Lode

N 47° 36' W - 210 ft and S 47° 36' E 1055 ft from discovery cut where copy of amended location is posted in mound of stones 2' 5" high, 3' 1" diameter at base.

### Wren #4 Lode

N 46° 37' W - 347 ft and S 46° 37' E - 1153 ft. from discovery shaft where copy of amended location is posted in mound of stones 2' 6" high, 3' 2" diameter at base

# Survey 3132 Continued Area

Total Area Wren No 1 Lode	9.328 acm
Area in conflict with Geo. W. Morgan Claims	0.607 acm
Gray Dick, Survey 1530	3.751 acm
 Total Area Wren # 2 Lode	 19.690 acm
Area in conflict with Copper Zone, Survey 1530	0.017 acm
 Total Area Wren # 3 Lode	 16.268 acm
 Total Area Wren # 4 Lode	 14.060 acm

## Expenditure of Five Hundred Dollars

I certify that the value of labor and improvements made upon, or for the benefit of each of the locations embraced in said mining claims by claimant or its grantors is not less than five hundred dollars and that said improvements consist of:

### Wren No 1 Lode

No 1 Discovery cut on lode line N45°30'E-290' from West End Center 4' wide, 16' long and 8' face, Value	25.00
Note: 1/3 interest in Tunnel No. <sup>4</sup> and Shaft No. <sup>5</sup> on Wren No # 2 Lode	577.00
Note: 1/4 interest in Shaft 1 on Wren # 2 lode	241.50
Total value credited to Wren No 1 Lode	\$ 843.50

### Wren # 2 Lode

No. 2 Tunnel 4x6 1/2' - 20' long, mouth of which bears N47°E - 215' from West End Center	Value 120.00
No 3 Open cut on lode line N45°30'E - 428' from West End Center 41' long, 23' wide and 16' face	Value 125.00
From this open cut, <sup>Dis.</sup> Shaft 1 <del>and discovery shaft</del> is continued down 80.5' below the floor of open cut	

Continued

\$ 245.00

# Survey 3132 Continued

## Expenditure of Five Hundred Dollars Continued

### Wren # 2 Lode

	From former sheet	\$ 245.00
	<del>Improvements common to all the claims</del>	
No 1	Discovery Shaft on lode line, N45°30'E-444' from West End Center, 4x6 ins the clear, partly timbered, 80.5 ft. deep.	Value \$ 966.00
Note:	This improvement is common to all the claims in this survey. 1/4 interest in above attributed to Wren # 2 Lode	241.50
	Improvements common to Wren No 1, Wren # 2 and Wren # 3 Lodes	
No 3	Tunnel on lode line 4 1/2 x 6 1/2, 201 ft long mouth of which bears N45°30'-469' from W.E.C. with cross cuts N42°W-25' and S45°E 15'- both 180' from mouth of tunnel	\$ 1407.00
No 4	Shaft on the intersection of the Wren # 2 and Wren # 3 lodes 4x6 and 40.5 deep to where it cut into Tunnel No 4. Shaft bears S44°W-760' from E.E.C. Value, \$ 324.00	\$ 324.00
	Total improvements common to Wren No 1 Wren # 2 Wren # 3	\$ 1731.00
Note:	1/3 interest in above attributed to Wren # 2 Lode	577.00
	Total Value credited to Wren # 2 Lode	\$ 1063.50

### Wren # 3 Lode

	No 1 Discovery, open cut on lode line 210' from North End Center, 4' wide 17' long and 10' face	Value, 25.00
Note:	1/4 interest in Shaft 1 on Wren # 2 Lode	241.50
Note:	1/3 interest in Tunnel <sup>3</sup> and Shaft <sup>5</sup> Wren # 2 Lode	577.00
	Total value credited to Wren # 3 Lode	\$ 843.50

### Wren # 4 Lode

	No 1 Discovery Shaft on lode line 347' from North End Center, 4x6', 12' deep	Value 60.00
	No 2 Shaft 4x6', 40' deep, S48°E-253 from North End Center	Value, 320.00
Note:	1/4 interest in Shaft 1 on Wren # 2 Lode	241.50
	Total value credited to Wren # 4 Lode	621.50



# Survey 3132

## Meridian

The courses were deflected from the true meridian as determined by observation of Polaris at lower culmination May 21st 1914 at 9h 42' P.M., set Transit over Cor 1 Wren #4, also Cor 4, Wren #3, and found the variation to be  $14^{\circ}48'E$ , line 3-4 Wren #2  $N45^{\circ}30'E$  and line 1-2 of Wren #4  $S47^{\circ}36'E$  from True meridian

### Instrument

The survey was made with a Queen Jule Engineers Transit, Distances measured with a 300 ft and 50 ft Steel Tape,

### Report

The lode line of each location of this claim was run directly upon the ground and the several corners established by means of offsets from the lode lines, all tie lines were run directly upon the ground.

U. S. L. M- 1385 is on the Amazon Group and is a mound of stones 4' high, 10'3" in circumference ~~diameter~~ at base, A granite stone in place chiseled B. R. U. S. L. M- 1385. is south of mound of stones,

All corners of survey 1530 are stones properly chiseled, set in ground and mound of stones built alongside, and find courses and distances correct as approved

### Other Improvements

A corrugated iron house, facing N.E., 30x16' and of which south corner bears  $N15^{\circ}E$  - 54 ft from Cor 3, Wren #2. This survey

9  
10

# Survey 3132 Continued Topography

The north and east end lines of claims of this Survey and also the north side line of Wren #3 is on the divide between Castle Creek and the Black Rock Mining District and also divide between Whipsaw and Slim Jim Gulches, The north west side line of Wren #2 and south east side line of Wren No 1 is following a ril of the divide, country falls rapidly towards Shaft 1 and ~~4~~<sup>5</sup>, and Tunnel ~~3~~<sup>4</sup> on ledge of Wren #2, and on south east side of these workings country falls gently towards south east, Collar of Shaft 2, Wren #4 is about the lowest place on the lode lines of the group. Shaft 1- on Wren #2 is intended for a working Shaft, from which to drift south west on Wren #2 ledge to intersection of the Wren #4 ledge and then take ore out from that ledge and hoist it through that working Shaft, likewise the intention is to drift north east on Wren #2 ledge and at intersection of Wren #3 ledge drift on it to the south east and to the north west to intersection of the Wren No 1 ledge and take the ore from this ledge to the surface through that working Shaft, The bottom of Shaft 1, Wren #2 and the bottom of Shaft 2, Wren #4 is about of an equal elevation above Sea Level, and now ore can be worked from Wren #4 ledge when intersected by drift on Wren No 1 ledge from present depth of Shaft 1 on Wren #2, Collar of Shaft 1 on Wren #2 is of equal elevation with mouth of Tunnel ~~3~~<sup>4</sup> of that claim and lower than any place on Wren No 1, Wren #2 and Wren #3 ledge, and ore from these claims above this level can be worked with profit through Tunnel ~~3~~<sup>4</sup> or Shaft ~~4~~<sup>5</sup>, of Wren #2 lode and therefore held to be improvements common to Wren No 1, Wren #2 and Wren #3 lodes but as this level is a little higher than part of the Wren #4 ledge. That claim did not share in the distribution of value of these improvements, From corner 3 on Wren #3 which is on the edge of divide country falls rapidly towards the south

## Survey 3132 Continued

## Progress of Work

The claims of this survey were bought by the present owners, The Arizona Copper Belt Mining Co. "four in number" but as they were lapping much the company had the claims straightened out and the Wren No 1 was found to be located on patented ground, hence located January 4th 1902

The claims were bought prior to December 6th 1907 at which date the present owners began work on the property, and work has progressed regularly on the different shafts and tunnels until about January 1st 1914, There have been 900 Dollars worth of labor and improvements performed in Shaft 1, Tunnel 4 and all of Shaft 5 on Wren #2 lode since January 4th 1912.

## Adjoining Claims

The adjoining claims are to the south and west the Copper Lode, Cuprite and Gray Dick of survey 1530, To the south, east and north unknown claims, and Geo. W. Morgan claim, unsurveyed, on the north.

## Location

The claims of this group are situated in the Black Rock Mining District, Yavapai County Arizona, approximately in Sec. 15, T. 8 N., R. 3. W., W. 50th.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by John Miller  
 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 The Arizona  
Copper Belt Mining Co.  
 known as the Wren No. 1, Wren # 2, Wren # 3, Wren # 4.  
 and showing the respective capacities in which they acted.

John Kellis, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

I, John Kellis  
 and \_\_\_\_\_, do solemnly swear that we assisted  
John Miller, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of The Arizona Copper Belt  
Mining Co.  
 known as the Wren ~~No. 1~~, Wren # 2, Wren # 3, Wren # 4.  
 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

John Kellis, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 23<sup>d</sup>

day of May A.D. 1904

Arvaline Payne  
 Notary Public.

My Commission expires  
May 20. A. D. 1917.

(4-686.)

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, John Miller, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 12th 1914, 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 The Arizona Copper Belt Mining Co., known as the Wren #1, Wren #2, Wren #3 and Wren #4, situate in Black Rock Mining District, Yavapai County, Arizona, in Section Approx. 15, Township No. 8 N., Range No. 3 W. U.S.U., and designated as Survey No. 3132, 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 their ~~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.

John Miller  
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said John Miller,  
U. S. ~~Deputy~~ Mineral Surveyor, before me Arrealine Payne  
Notary Public for Maricopa Co this 4<sup>th</sup>  
day of June, A. D. 1914,

My commission, Arrealine Payne  
expires May 20, 92, 1917. Notary Public

Notice of Mining Location.  
Lode Claim.

To All Whom It May Concern:

MAY 1 - 1914

This Mining Claim, the name of which is the Wren No.1 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Arizona Copper Belt Mining Co. a corporation, Citizens of the United States the undersigned, on the 4th day of January 1912.

The length of this claim is Fifteen Hundred Feet (1500) feet and we claim (200') Two Hundred & Ninety feet in a South Westerly direction and Twelve Hundred and Ten (1210') feet in a North Easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the South West to the North East.

The claim is situated and located in the Black Rock Mining District, in Yavapai County, in the Territory of Arizona, South West End line joining & parallel with the North East side line of the Cuprite (Great Scott Group) and South East side line joining and parallel with Wren No.2 (N.W. side line)

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of Stones at a point in a S.W. direction 290 feet from the discovery shaft (at which this notice is posted), being in the center of the S.W. end line of said claim; thence N.W. 285 feet to a Monument of Stones, being the N.W. corner of said claim; thence 1500 feet to a Monument, being at the N.E. corner of said claim; thence 285' S.E. feet to a Monument at the center of the N.E. end of said claim; thence S.E. 50 feet to a Monument, being at the S.E. corner of said claim; thence 1500 S.W. feet to a Monument at the S.W. corner of said claim; thence N.W. 50 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 4th day of January 1912.

Witness Charles F. Dilthey The Arizona Copper Belt Mining Co  
By Wm J. Dilthey

Filed and recorded at request of Wm. J. Dilthey, January 16, A.D. 1912, at 3:25 o'clock P.M., Book 91 of Mines, page 366, Records of Yavapai County, Arizona.  
(Seal) J.C. Bradbury,

By C.W. Bennett, Deputy Recorder. County Recorder.

Amended  
Notice of Mining Location.  
Lode Claim.

To All Whom It May Concern:

This Mining Claim, the name of which is the Wren #2 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Arizona Copper Belt Mining Co. a corporation, Citizens of the United States, the undersigned, on the 4th day of January, 1912

The length of this claim is Fifteen Hundred (1500) feet, and we claim Four Hundred Forty Four (444) feet, in a South Westerly direction and Ten Hundred & Fifty Six <sup>(1056)</sup> feet in a North Easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred (300) feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the South West to the North East.

The claim is situated and located in the Black Rock Mining District, in Yavapai County, in the Territory of Arizona, South West end line joining and parallell with the N.E/<sup>side</sup> line of Cuprite of Great Scott Group, South East side line joining and parallell with N.West end line of Wren 3 & 4 of Wren Group.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of Stones at a point in a N.East direction Ten Hundred Fifty Six (1056) feet from the discovery shaft (at which this notice is posted), being in the center of the N.East end line of said claim; thence South East 301 feet to a Monument of Stones, being the N.East corner of said claim; thence S.West 1500 feet to a Monument, being at the South East corner of said claim; thence North West 301 feet to a Monument at the center of the S.West end of said claim; thence N.West 301 feet to a Monument, being at the S.West corner of said claim; thence N.East 1500 feet to a Monument at the N. West corner of said claim; thence S.East 301 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Wren #2 Mining Claim, located by P.S.Wren Jr of Constellation on the 1st day of Jan. 1906, and recorded in Book 75 of Records of Mines, at page 455, in the office of the County Recorder of the aforesaid County of Yavapai to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 4th day of January 1912.

Witness Charles F. Dilthey

The Arizona Copper Belt Mining Co.  
By Wm. J. Dilthey

Filed and recorded at request of Wm. J. Dilthey, January 16, A.D. 1912, at 3:25 o'clock P.M. Book 86 of Mines, page 278, Records of Yavapai County, Arizona. By.....Deputy Recorder. (Seal) J.C. Bradbury, County Recorder.

Amended  
Notice of Mining Location  
Lode Claim.

16

To All Whom It May Concern:

This Mining Claim, the name of which is the Wren #3 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Arizona Copper Belt Mining Co. A Corporation, Citizens of the United States the undersigned, on the 4th day of January 1912.

The length of this claim is Twelve Hundred & Sixty Five (1265) feet, and we claim One Thousand Fifty Five (1055) feet, in a South Easterly direction and Two Hundred & Ten <sup>Feet</sup> (210) feet in a North Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred (300) feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the South East to the North West.

The claim is situated and located in the Black Rock Mining District, in Yavapai County, in the Territory of Arizona, The N.W. end line of this claim joining and parallell with the S.E. side line of ~~the~~ Wren No.2 and the S.W. side line joining and parallell with N.E. side line of Wren 4 of the Wren Group.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of Stones at a point in a North Westerly direction 210 feet from the discovery shaft (at which this notice is posted), being in the center of the N. West end line of said claim; thence N. Easterly 300 feet to a Monument of Stones, being the N. Westerly corner of said claim; thence S. East 1265 feet to a Monument of Stones, being at the N. Easterly corner of said claim; thence S. West 300 feet to a Monument at the center of the S. East end of said claim; thence S. West 261 feet to a Monument, being at the S. East corner of said claim; thence N. West 1265 feet to a Monument at the S. West corner of said claim; thence N. Easterly 261 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Wren #3 Mining Claim, located by P.S. Wren Jr Constellation on the 1st day of Jan. 1906, and recorded in Book 75 of Records of Mines, at page 456, in the office of the County Recorder of the aforesaid County of Yavapai to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 4th day of January 1912.

Witness Charles F. Dilthey

The Arizona Copper Belt Mining Co.  
By Wm. J. Dilthey

Filed and recorded at request of Wm. J. Dilthey, January 16, A.D. 1912, at 3:25 o'clock P.M., Book 86 of Mines, page 279, Records of Yavapai County, Arizona.

By .....  
Deputy Recorder.

(Seal)

J. C. Bradbury,  
County Recorder.



Amended  
Notice of Mining Location  
Lode Claim.

To All Whom It May Concern:

This Mining Claim, the name of which is the Wren #4 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Arizona Copper Belt Mining Co. A Corporation, Citizens of the United States the undersigned, on the 4th day of January 1912.

The length of this claim is Fifteen Hundred (1500) feet, and we claim Three Hundred & Forty Seven (347) feet, in a North Westerly direction and Eleven Hundred & Fifty Three (1153) feet in a S. Easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred (300) feet in width of the surface grounds, on each side of the center of said claim; The general course of the lode deposit and premises is from the South East to the North West.

The claim is situated and located in the Black Rock Mining District, in Yavapai County, in the Territory of Arizona, The N. West end line joining and parallell with S. East side line of Wren #2 and S. West side line joining and parallell with Copper Zone of Great Scott Group.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of Stones at a point in a North Westerly direction (347) Three Hundred Forty Seven feet from the discovery shaft (at which this notice is posted), being in the center of the N. West end line of said claim; thence N. East 274 feet to a Monument, being the N. West corner of said claim; thence S. East 1500 feet to a Monument, being at the N. East corner of said claim; thence S. West 300 feet to a Monument at the center of the S. East end ~~KKXX~~ of said claim; thence S. West 106 feet to a Monument, being at the S. West corner of said claim; thence N. West 1500 feet to a Monument at the S. West corner of said claim; thence N. East 138 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Wren #4 Mining Claim, located by P. S. Wren Jr Constellation on the 1st day of Jan 1906, and recorded in Book 75 of Records of Mines, at page 457, in the office of the County Recorder of the aforesaid County of Yavapai to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 4th day of January 1912.

Witness Charles F. Dilthey

The Arizona Copper Belt Mining Co  
Per Wm. J. Dilthey

Filed and recorded at request of Wm. J. Dilthey, January 16, A. D. 1912, at 3:25 o'clock P. M., Book 86 of Mines, page 280, Records of Yavapai County, Arizona.

(Seal)

J. C. Bradbury,

County Recorder.

By .....

Deputy Recorder.

Filed and recorded at request of \_\_\_\_\_

A. D. 191 , at \_\_\_\_\_ o'clock

\_\_\_\_\_, Book \_\_\_\_\_ pages \_\_\_\_\_

Records of Yavapai County, Arizona.

{ SEAL }

L. S. COLWELL,  
County Recorder,

By \_\_\_\_\_  
Deputy Recorder.

STATE OF ARIZONA, }  
COUNTY OF YAVAPAI. } ss.

I, L. S. Colwell, County Recorder in and for the County of Yavapai, State of Arizona, and custodian of the records of such office, do hereby certify that I have compared the foregoing copy with, and that the same is a full, true and correct copy of Amended Notices of Mining Location of the Wren No.1, Wren #2, Wren #3, and Wren #4, Lode Claims,

\_\_\_\_\_ filed for record on Jan. 16, A. D. 1912, at 3:25 o'clock P.M. and as the same appears of record in my office in Books 91 & 86 of Mines, Wren No.1, Book 91, page 366, and Wren #2, Wren #3, and Wren #4, in Book 86 of Mines, at pages 278, 279, & 280, ~~at pages xxxxxxxxxx~~ and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal this 30th day of April, A. D. 1914.

L. S. Colwell  
County Recorder.



(4-688.)

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona.

October 2, 1914.

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

THE ARIZONA COPPER BELT MINING CO.

, known as the Wren No. 1, Wren #2, Wren #3, Wren #4.

, situate in BLACK ROCK

Mining District, YAVAPAI County,

ARIZONA, Approx., in Section 15, Township No. 8 N.,

Range No. 3 W., Unsur., and designated as Survey

No. 3132, 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 for each of improvements made upon said mining claims by claimant or its grantors, and that said improvements consist of 3 cuts, 4 shafts, 2 tunnels and 2 crosscuts, total value \$3372.00. Shaft No. 1 on the Wren #2 lode being a common improvement for the benefit and development of all of the claims in this survey, an undivided one-fourth interest therein, value \$241.50, is properly credited to each claim in this group. Tunnel No. 4 and shaft No. 5 on said Wren #2 lode, being so situated as to benefit the Wren No. 1, Wren #2 and Wren #3 lodes of this survey, but not the Wren #4 lode, which is on a lower level, an undivided 1/3 interest therein, value \$577, is properly credited to each said Wren No. 1, Wren #2 and Wren #3 lodes.

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.

October 2, 1914.

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.....

THE ARIZONA COPPER BELT MINING CO.

....., known as the

Wren No. 1, Wren #2, Wren #3, Wren #4.

situate in BLACK ROCK Mining District,

YAVAPAI County, ARIZONA, Approx.

in Section 15, Township No. 8 N., Range No. 3 W., Unsur.

....., designated as Survey No. 3132

executed by John Miller, U. S. ~~Deputy~~ Mineral

Surveyor, May 18-22, 1914, 190..., under my instructions dated

May 12, 1914, 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 S. Ingalls*

U. S. Surveyor-General for Arizona.