

MS.

01033

Handwritten initials

MINERAL SURVEY NO. 1033 A & B

Claim	M & B Des. Page No.	Imps. Page No.	Location Notices Page No.
Arthur	<u>7</u>		6
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Oneida	<u>4</u>		3
No. 5 Mill Site	<u>10</u>		8

xl.
260

(4-683.)

Mineral Survey No. 1033 A & B.

Lot No. _____

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Detroit Copper Mining Company of Arizona,

Cobre, Buckhorn, Oneida, Lancaster, Fairbanks, Arthur, and Gen. Miles Lodes^{2 1/2} No. Five

Mill Site, Copper Mountain Mining District,

Graham County, Arizona

Section _____, Township 4+55, Range 29E

Surveyed under instructions dated Oct 30th, 1891,
Address of Applicant. The Detroit Copper Mining Co. by Geo. M. Robison,
Morenci U. S. Deputy Mineral Surveyor.
L. Sweeney Agent, Arizona

Claim located _____, 18__

Survey commenced Nov. 14th, 1891.

Survey completed Nov 30th, 1891.

o 6-100

✓	1:063 b-2500	Cobre	Located	Jan 1 st 1890	Relocated	Aug. 25 th 1891
✓	✓	Buckhorn	"	Sept 16 th 1891		
✓	✓	Oneida	"	Feb. 22 nd 1888	Amended	Aug 25 th 1891
✓	✓	Lancaster	"	Jan. 1 st 1889	Relocated	Aug 25 th 1891
✓	✓	Fairbanks	"	June 1 st 1886	Amended	Aug 25 th 1891
✓	✓	Arthur	"	July 5 th 1886	"	Aug 25 th 1891
✓	✓	Gen. Miles	"	June 17 th 1886	"	Aug 25 th 1891
✓		Mill Site	Not	Sept 8 th 1891		

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, I Pat P Leary and _____,
do solemnly swear that we will well and faithfully execute the duties of chain carriers;
that we will level the chain upon even and uneven ground and plumb the tally-pins,
either by sticking or dropping the same; that we will report the true distance to all
notable objects, and the true length of all lines that we assist in measuring, to the best
of ^{our} skill and ability, and in accordance with instructions given ^{us} in the survey of
the Mining Claim of The Detroit Copper Mining
Company of Arizona, known as the
Onida, Buckhorn, Gen Miles, Cobri Arthur Fairbanks
and Lancaster lodes and No Five Mill Site
situate in Copper Mountain mining district,
Graham County, Arizona,
in Section _____, Township No. _____, Range No. _____

Pat P Leary, Chainman.
_____, Chainman.

Subscribed and sworn to by the above-named persons before
me this 13th day of November, 1891.

J. H. Haisman
Notary Public

I, Pat P Leary, do solemnly swear that I will well and
truly perform the duties of axeman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey
of the Mining Claim of The Detroit Copper Mining
Company of Arizona
known as the _____
more fully described in the preceding affidavit.

Pat P Leary, Axeman.

Subscribed and sworn to by the said Pat P
Leary before me this 13th day of
November, 1891.

J. H. Haisman
Notary Public

I, Pat P Leary, do solemnly swear that I will
well and truly perform the duties of flagman, in the establishment of corners and other
duties, according to instructions given me and to the best of my skill and ability, in the
survey of the Mining Claim of The Detroit Copper
Mining Company of Arizona
known as the _____
more fully described in the preceding affidavit.

Pat P Leary, Flagman.

Subscribed and sworn to by the said Pat P
Leary before me this 13th day of
November, 1891.

J. H. Haisman
Notary Public

Feet.

Survey No 1033 A.

Cobre Lode.

Beginning at Cor. No. 1.

Identical with Cor No 1 of Relocation.
 A pine post 3x5 inches by 4 1/2 ft long
 set 2 ft in the ground and in a mound of
 stones marked $\frac{1}{1033}A$. Whence

U. S. Mineral Monument No 4 bears
 S. $29^{\circ}28'E$ 4790.2 ft.

A blazed pine tree 5" dia bears $S76^{\circ}W$ 25.4 ft

A blazed pine tree 6" dia bears $N37^{\circ}E$ 8.2 ft

Both marked B.T. $\frac{1}{1033}A$.

Thence $N. 71^{\circ}40'W$.

Variation $12^{\circ}45'E$

642.8 To Cor. No 2

Identical with Cor No 2 of Relocation

A pine post 4x4 inches by 4 1/2 ft long
 set 2 ft in the ground and in a mound
 of stones marked $\frac{2}{1033}A$. Whence.

A blazed pine tree 10" dia. bears $N11^{\circ}E$ 24.9 ft

A blazed pine tree 4" dia bears $S11^{\circ}E$ 29. ft

Both marked B.T. $\frac{2}{1033}A$.

Thence $N 2^{\circ}42'W$

Variation $12^{\circ}45'E$

330.

Cross a dry gulch. Course North East.

1380.7

Intersect line 16-13 this survey.

1500.

To Cor. No. 3.

Identical with Cor. No. 3 of relocation.

A pine post 4x4 inches by 4 ft long.
 set on bedrock and in mound of
 stones. A small hole being drilled into
 the rock two inches at the exact Cor.

This rock is exposed for about 10 ft
 in diameter and is about four feet
 above the general surface of the ground.

A blazed pine tree 9" in dia. marked B.T.
 $\frac{3}{1033}A$. bears $N36^{\circ}E$ 23. ft.

A blazed pine tree 6" in dia marked as above
 bears $S 11^{\circ}W$. 8 ft.

Thence $S. 71^{\circ}40'E$

Variation $12^{\circ}30'E$.

42.8

Cor No 6 of this survey. Also

Feet. Intersect line 16-13 this survey.
 492.7 Intersect line 5-6 Lot No. 73. The 1st North Extension Clay Lode owned by The Arizona Copper Company. at point S. 9° 30' E 642.7 ft from Cor No 5 and N 9° 30' W 857.3 ft from Cor. No. 6.
 642.8 To Cor. No. 4. Identical with the relocation Cor. 4
 A pine post 4x4 inches by 4 1/2 ft long set 2 ft deep and in a mound of stones marked 4/1033 A. and 7/1033 A. from which.
 A blazed pine tree 6" dia. bears N 36° W. 17.8 ft
 A blazed pine tree 5" dia. bears N 43° 30' E 14.3 ft both being marked B.T. 4-5- / 1033 A.
 Cor No 4 is also Cor No 5 of this survey.
 Thence S 2° 42' E
 Variation 12° 30' E

550. Cross dry gulch. Course North East.
 791.9 Intersect line 6-2 Lot No 73 also line 4-6 Lot No 42 Clay Lode. The Arizona Copper Company owner. at point 39 ft N 80° 30' E of Common Cor. 6/Lot-73 and 4/Lot 42
 1121. Intersect line 3-4 Lot No 42. at S. 9° 30' E 326.8 ft from Cor No 4.

1500. To Cor No. 1 the place of beginning. All corners of this survey are identical with those of the relocation. The corners of original location were not fully identified but at the Centre of each end line is a post marked for centre of end line original location.

Buckhorn Lode.
 Beginning at Cor. No. 5
 Same as Cor No 4 this survey and identical with Cor No 2 of the location. Whence
 Cor. No. 5- Lot No. 73 bears N. 20° 03' W. 725.1 ft
 Thence N 71° 40' W

150.1 Intersect line 5-6 Lot 73 at point S 9° 30' E 642.7 ft from Cor No. 5.
 600 To Cor No. 6.

- Feet. Identical with the location Cor No. 3.
a pine post 3x5-inches by 4½ ft
long set 2 ft in the ground and in a
mound of stones marked 7/1033 B. ✓
- Thence N 18° 20' E
Variation 12° 30' E
100. To Cor's No. 16 and 17 this Survey.
500. Cross a dry gulch Course North East.
1350. Cross a dry gulch Course South East.
1500. Cor. No. 7, also Cor No 10 this survey.
Identical with Cor No 4 of the location.
A pine post 3x5-inches by 4½ ft long,
set 2 ft in ground and in a mound
of stones marked 7/1033 A and 7/1033 A. Whence
A blazed pine tree 6" dia bears N 77° W. 16.5 ft
A blazed pine tree 5" dia bears S. 8° W. 14.1 ft.
Both being marked B.T. 7-10
7033 A.
Thence S. 71° 40' E
Variation 12° 30' E
- 600 To Cor's No 8 and 9 this survey.
Identical with Cor No 1. of the
location. The South West Cor. of
the Copper Queen and North West
Cor. of the Copper King Lodes
(Unsurveyed) owned by the Arizona
Copper Company.
Cor. No. 8 and 9 is a pine post
3x5-inches by 4½ ft long set 2 ft in
the ground and in a mound of
stones marked 7/1033 A and 7/1033 A
Thence S. 18° 20' W
Variation 12° 35' E
200. Cross a dry gulch Course South East.
600. To S. W. Cor of the Copper King Lode
- 693.9 Intersect line 3-5 Lot No. 73 at point
N 80° 30' E 509.2 ft from Cor. No. 5.
775. Cross a dry gulch Course East.
1500. To Cor No 5 the place of
beginning.

- Feet. Orneida Lode.
 Beginning at Cor No 9.
 Identical with Cor No. 8 of this
 Survey. Thence $N 71^{\circ} 40' W$
Variation $12^{\circ} 35' E$
 600. To Cor No. 10 same as Cor No 7 this
 Survey. Thence $N 18^{\circ} 20' E$
Variation $12^{\circ} 30' E$
 100. To Cor No 20 this Survey.
 1050. Cross dry gulch Course South,
 1500. To Cor No. 11
 A pine post 4×4 inches by
 4 ft long set on bed rock and
 in mound of stones and earth
 marked $11/1033 A$. Whence
 Cor. No. 3. Lot No. 78 Mexican
 lode L. Fraissinet owner bears
 $N 10^{\circ} 24' W$ 45.7 ft
 (Note. The field notes of the Mexican
 and 1st North Extension Clay Lodes would
 show those two claims to be
 nearer each other than these
 notes call for. Their relative position
 is however correctly given in this
 survey.)
Thence $S. 71^{\circ} 40' E$
Variation $12^{\circ} 30' E$
 600. To Cor No 12
 A pine post 3×5 inches by 4 ft
 long set in a crevice of a large
 rock, five or six feet above the sur-
 face of the ground, with Mound of Stones.
 A blazed pine 4" in dia Marked B.T.
 $12/1033 A$ bears $S. 20^{\circ} W$ 9 ft
Thence $S. 18^{\circ} 20' W$
Variation $12^{\circ} 30' E$
 900. To North West Cor Copper Queen Lode.
 1450. To Dry gulch Course South East.
 1500. To Cor No 9 the place of beginning.
 All corners are identical with both locations.

Fect.

LANCASTER LODGE

Beginning at Cor No 13

Identical with Cor No 2 of the relocation of this claim.

A pine post 4x4 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked 13/1033A Whence

Cor No 2. of this survey bears

S. 71° 40' E 495.5 ft.

Thence N 71° 40' W

Variation 12° 45' E

600

To Cor No 14.

Identical with Cor No 3 of the relocation a pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked 14/1033A Whence

A blazed pine stump 6" dia bears N 50° W 19.3 ft

A blazed pine stump 6" dia bears S. 57° E 11.2 ft

both being marked B.S. 14/1033A.

Thence N 18° 20' E

Variation 12° 25' E

1300.

Cross a dry gulch Course North East.

1400.

To Cors. Nos. 24th and 25th this survey.

1500.

To Cor. No. 15 also Cor No 18. this survey.

Identical with Cor No 4 of the relocation.

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in mound of stones marked 15-18/1033 A. Whence

A blazed pine tree 6" dia marked B.T. 15-18/1033 A

bears S. 35° W 4.2 ft A blazed pine stump 7"

dia marked B.S. 15-18/1033 A bears N 64° E 25.8 ft.

Thence S. 71° 40' E

Variation 12° 15' E

200.

Cross a dry gulch Course North East.

600.

To Cors Nos. 16th and 17th

Identical with Cor No 1 of the relocation

A pine post 4x4 inches by 4 1/2 ft long set 2 ft in the ground and in mound of stones marked 16-17/1033 A

Whence a blazed pine tree 6" in dia marked B.T. 16-17/1033 A bears

N 83° W 26. ft.

Feet
 Thence S. $18^{\circ}20'N$
 Variation, $12^{\circ}30'E$
 100 To Cor. No. 6 this survey also
 Intersect line 3-4 this survey.
 211.3 Intersect line 2-3 this survey.
 1500 To Cor No 13 the place of beginning.

Fairbanks Lode.
 Beginning at Cor No. 17. also
 Cor. No. 16 this survey.
 Identical with Cor No 1 of the
 Amended location.

Thence N $71^{\circ}40'W$
 Variation $12^{\circ}30'E$
 400. Cross dry gulch Course North East.
 600. To Cor. No. 18, also Cor. No. 15- this survey.
 Identical with Cor No 2 of Amended location

Thence N. $18^{\circ}20'E$
 Variation, $12^{\circ}15'E$
 1250. Cross a dry gulch Course South East.
 1400. To Cor. No. 28 this survey.
 1500. To Cor. No. 19.

Identical with Cor. No. 3 of Amended location.
 A pine post 4x4 inches by $4\frac{1}{2}$ ft long
 set 2 ft in the ground and in a
 mound of stones marked $19/1033A$.
 Whence

A blazed pine tree 12" dia bears N $12^{\circ}W$ 22.7 ft
 A blazed pine tree 5" dia bears S $82^{\circ}W$ 27.5 ft.
 both marked B.T. $19/1033A$.

Two Mountain peaks (Names if any
 unknown) bear S $49^{\circ}E$ and S $3^{\circ}4'W$, respectively.

Thence S. $71^{\circ}40'E$
 Variation $12^{\circ}15'E$
 600. To Cor No 20.
 Identical with Cor. No. 4 of the
 Amended location.
 A pine post 3x5 inches by $4\frac{1}{2}$ ft
 long set 2 ft in the ground and
 in a mound of stones and earth
 marked $20/1033A$. Whence
 A blazed pine tree 8" dia bears N $33^{\circ}W$ 27.6 ft

Frost. A blazed pine tree 8" dia bears N 85° E 27.6 ft
 both marked B.T. ²⁰/1033 A.
 Thence S. 18° 20' N
 Variation 12° 30' E

- 100. To Cors. Nos 7, and 10. this survey.
- 250. Cross a dry gulch Course South East
- 1100. Cross a dry gulch Course North East
- 1500. To Cor No 17. the place of beginning.
 The corners of the original location
 and amended location are so far as
 they could be found identical.

Arthur. Lode.

Beginning at Cor. No. 21.
 Identical with Cor No 2 Amended location.

A pine post 3x5 inches by 4 1/2 ft long
 set 2 ft deep in the ground and in a
 mound of stones. Marked ²¹/1033 A. Whence
 Cor No. 14 this survey bears
 N 18° 20' E 100. ft.

A blazed pine stump 12" in dia marked
²¹/1033 A. bears N 84° W. 61.3 ft.
 Thence N 71° 40' W
 Variation 12° 25' E

- 300. Cross a dry gulch course North East.
- 600. To Cor. No. 22 a pine post 4x4 inches
 by 4 1/2 ft long set 2 ft in the ground and
 in a mound of stones marked ²²/1033 A.
 Identical with Cor 3 Amended location whence
 A blazed cedar tree 8" dia marked B.T.
²²/1033 A. bears North. 40.4 ft.
 Thence N 18° 20' E

Variation 12° 45' E

- 1500. To Cor. No. 23 also Cor No 26 this survey.
 Identical with Cor No 4 of the
 Amended location.
 A pine post 4x4 inches by 4 1/2 ft long
 set 2 ft in the ground and in a mound
 of stones marked ²³/1033 A and ²⁶/1033 A. Whence
 A blazed pine tree 10 inches dia bears S 84° E 16.9 ft.
 A blazed pine tree 7 inches dia. bears S 55° E 14.5 ft.
 both being marked ²³⁻²⁶/1033 A B.T.

Feet
 Thence S. $71^{\circ} 40' E$
 Variation $12^{\circ} 15' E$
 600. To Cor. No. 24 also Cor. No. 25 this survey.
 Identical with Cor. No. 1 of Amended location.
 A pine post 3×5 inches by $4\frac{1}{2}$ ft long
 set 2 ft deep and in mound of stones
 marked $24/1033A$ and $25/1033A$ Whence,
 A blazed pine tree 3" in dia, bears $N 43^{\circ} W$, 2.7 ft.
 A blazed cedar tree 8" in dia bears $N 72^{\circ} E$ 3.2 ft.
 both being marked B.T. $24-25/1033A$.

Thence S. $18^{\circ} 20' W$
 Variation $12^{\circ} 15' E$
 100. Cross a dry gulch Course North East.
 1400. To Cor. No. 14 this survey.
 1500. To Cor No 21 the place of beginning
 The corners of the original and
 Amended location are so far as they
 could be found identical.

Gen. Miles Lode.

Beginning at Cor. No. 25 same as Cor. No. 24 this survey.

Identical with Cor. No. 1 Amended location.

Thence $N 71^{\circ} 40' W$

Variation $12^{\circ} 15' E$

600. To Cor No 26 same as Cor. 23 this survey.
 Identical with Cor No 2 Amended location

Thence $N 18^{\circ} 20' E$

Variation $12^{\circ} 15' E$

1500. To Cor. No. 27.

Identical with Cor No 3 Amended location.
 A pine post 4×4 inches by $4\frac{1}{2}$ ft long
 set 2 ft in the ground and in mound of
 stones marked $27/1033A$. Whence,

A blazed pine stump 13" in dia marked
 B.S. $27/1033A$. bears S. $74^{\circ} W$ 10.4 ft.

The highest peak visible in the East
 bears S. $88^{\circ} 12' E$

The mouth of the gulch near this
 corner bears S. $60^{\circ} E$.

Thence S. $71^{\circ} 40' E$

Variation $12^{\circ} E$

Feet
300.
600.

Cross a dry gulch course South East
To Cor No 28

Identical with Cor No 4, of the Amended Location
A pine post 4x4 inches by 4 1/2 ft long set
2 ft deep in the ground and in a mound
of stones marked ²⁸1033 A. Whence
A blazed pine stump 13" in dia bears S 87° E, 11.87 ft
A blazed pine stump 5" in dia bears N 30° W 19.67 ft
both being marked ²⁸1033 A.

Thence S. 18° 20' W

Variation 12° 15' E

160. Cross a dry gulch course South East,
1400. To Cor. Nos 15 & 18 this Survey.

1500 To Cor No 25 the place of Beginning.

The Corners of Original and Amended
locations so far as they could be
identified are identical.

Area in Acres

Total Area Cobri Lode =	20.66	Acres.
Less Conflict with Lot No 42 =	0.15	
Less Conflict with Lot No 73 =	1.69	
Less conflict with Lancaster Lode =	<u>0.05</u>	1.89
Net area Cobri Lode =		18.77

Total Area Buckhorn Lode =	20.66	
Less Conflict with Lot No 73 =	<u>5.15</u>	
Net area Buckhorn Lode =		15.51

Total and net area Oneida Lode = 20.66

Total and Net area Lancaster Lode = 20.66

Total and Net area Fairbanks Lode = 20.66

Total and net area Arthur Lode = 20.66

Total and Net Area Gen. Miles Lode =	<u>20.66</u>	
Net Area of Lode Claim =		137.58
Acres		

Feet.

Survey No. 1033 B.
Number Five Mill Site.

Beginning at Cor No. 1. Same as
Cor. No. 1 Mill Site No. 4 Survey No. 1032 B
A pine post 3x5 inches by 4 ft long
set 1 ft. in the ground to bed rock
and in a mound of stones and
earth marked $\frac{1}{1033 B}$ and $\frac{1}{1032 B}$ Whence

U. S. Mineral Monument No 2 bears
N $24^{\circ} 53' E$ 836.5 ft.

Cor. No 1 Lot No 59 William Church
Placer William Church applicant
(Application and entry cancelled) bears
N $34^{\circ} 4' E$ 938.8 ft.

Cor. No. 1 Survey No. 1033 A. bears
N $31^{\circ} 19' 40'' W$ 33171.5 ft.

Thence S. $54^{\circ} 18' W$.

Variation $12^{\circ} 20' E$

230.3 Witness to Cor No. 2 - and to Cor No 6
Survey No 1032. B.

A pine post 4x6 inches by $4\frac{1}{2}$ ft
long set $2\frac{1}{2}$ ft in the ground and
in mound of stones marked $\frac{w.c. 2}{1033 B}$
and $\frac{w.c. 6}{1032 B}$

250. To waters edge of Mill race.

260. Waters edge across mill race.

270. Waters edge San Francises river.

292.5 To Cor No 2, also Cor No 6 Sur 1032 B.
Witness Corner set as before described

Thence N $35^{\circ} 42' W$.

Variation not determined

200. Waters edge North bank of river

410. Waters edge North bank of river

744.6

To Cor. No. 3, a point in the
river bed not a suitable place to
establish a corner.

From this point I drove a large
spike in the forks of a cotton-
wood tree carried down the river
in time of flood and took bearing
Corner No 30 to spike in tree
S $79^{\circ} 31' E$ 105.2 ft.

- Feet
 270. Thence $N 54^{\circ} 18' E$
 Variation not determined
 North bank of San Francisco river;
 292.5 To Cor No 4.
 A pine post 3×5 inches by 4 ft
 long set on bed rock and in a
 mound of stones and marked $\frac{4}{1033 B}$
 Thence $S. 35^{\circ} 42' E$
 Variation $12^{\circ} 30' E$
190. Cross 4 inch pipe line to mines.
 744.6 To Cor No 1 the place of beginning.

Containing a total and net
 area of $5^{\cdot}20$ Acres. The entire
 Mill site being also in conflict with
 Lot No. 5-9

This Survey of Number Five Mill
 site is identical with its location.

Location of Claim.

Survey No 1033 B is situated on
 the San Francisco river about three
 and one half miles below the
 town of Clifton in Copper Mountain
 Mining District Graham County
 Arizona and about 1500 feet
 below the dam built across said
 river by the Detroit Copper Mining
 Company and is on the un-
 surveyed portion of the United States
 public lands.

Note - Mill site Number Five Survey
 No 1033 B, in connection with four
 other mill sites Nos. 1, 2, 3, and 4, is
 used by the Applicants as a
 reservoir for the storage of water
 for use in the smelter and Concentrator
 owned by them and for the necessary
 machinery for conveying the same
 to the smelter situated on one of
 their lode claims about six miles distant.

The improvements on the group consist of a dam across the river near the East end of Mill site No. 3. A race extending thence across Mill site Nos. 3rd & 4th and on to Number 5th where it is pumped to the Smelter and mines of the company by both Steam and Water power plants of machinery. The said improvements were made by the applicants at a cost of not less than Twenty five thousand dollars.

From Cor. No. 3-103373. The North Cor. of the mill or pump house bears S 28° 30' E 362 ft. Size of house 36x56 ft.

There are no other improvements.

There is no timber or other valuable product upon said claim and the ground is believed to be absolutely worthless except for the purpose above described. About $\frac{2}{3}$ of the said mill sites is covered by water.

Improvements on Lode claim. I certify that the value of the labor and improvements upon this claim placed thereon by the claimant and its grantors, is not less than five hundred dollars, and that said improvements consist of

A tunnel 4x6 ft 30 ft long in rock which bears from Cor No. 4 S. 45° W 473. ft Course driven West.

Value \$300⁰⁰

An open Cut and two tunnels whose mouth bears from Cor. No. 4 & 5th N 57° W 300 ft. running thence open cut S. 10° W 50 ft where it has a height of 35 ft width 4 to 5 ft. From this point it continues with two tunnels one above the other in same direction 35 and 70 ft respectively. All rock work

Size of tunnels 4x6 ft.

This work is done for the development of both the Cobre and Buckhorn locations.

Value \$205-00

A Cut and tunnel whose mouth bears N 28° W 440 ft. from Cors No 4 & 5 running thence open cut S 10° W 60 ft when it has height of 30 ft. width 5 ft. Thence S. 10° W as a tunnel 70 ft 5x7 ft All in rock This work is done for the development of the Cobre and Buckhorn locations.

Value \$1800-00

An irregular open cut about 25 ft diameter average depth 4 feet which bears from Cors. No. 8 & 9. S 60° W 650 ft.

Value \$100-00

A Cut 10 ft face 12 ft long 4 ft wide in rock which bears from Cors No 8 & 9. N 68° W 300 ft.

Value \$25-00

An open cut the mouth of which bears from Cors. No 8 & 9. N 9° 30' W. 552 ft. running thence N 75° E 5-2 ft the width being 10 ft for the first 32 ft and then widening out on North side to 33 ft. for 20 ft of length extending around the shaft hereafter described. Height of cut average 15 ft. driven in earth and rock.

Value \$400-00

A Shaft & incline 30 ft depth 4x6 ft in rock in above open cut bears from Cors. No. 8 & 9. N 3° W 570 ft.

Value \$300-00

A Cut 12 ft face 12 ft long 4 ft wide in rock which bears from Cors No 16 & 17 S 49° W 585 ft.

Value \$25-00

An incline in rock driven at dip of 45° to the West. 25 ft depth

to water (Total depth not known) size 5x6 ft
 bears from Cor. No. 16+17 S 67° W 160 ft.
 Value of 25 ft. \$250.00

A drift from the above incline to the
 north 30 ft. size 4x6 in rock.
 Value \$240.00

A Cut 20 ft long 10 ft deep 4 ft wide
 in rock bears from Cor No 20.
 S 87° W 325 ft.
 Value \$50.00

A Tunnel whose mouth bears from
 Cor No. 20. S 45° W 333 ft. running
 thence in rock. S 23° W. 54 ft. Thence
 S. 45° W 32 ft thence South 75 ft to
 the breast. size 4x6 ft. The Central
 portion of 32 ft is cut through
 to surface 30 ft high and 30 ft wide
 Value \$200.00

A Cut 20 ft long 10 ft wide 5 ft deep
 which bears from Cor. No. 24+25
 S 56° W 500 ft. in rock.
 Value \$100.00

A Shaft in rock 4x6 ft in clear
 and 20 ft deep which bears from
 Cor. No. 24+25 S 53° 30' W 515 ft.
 Value \$200.00

An open cut in rock 50 ft long
 10 ft wide 15 ft deep in rock.
 The north end of which bears from
 Cor. No. 24+25 S. 50° W 400 ft run
 south west 50 ft.
 Value \$250.00

A Shaft 4x6 ft in rock 20 ft deep
 bears from Cor. No 24+25 North 620 ft.
 Value \$200.00

A Shaft 4x6 ft in rock 12 ft deep
 bears from Cor. No. 24+25; N. 5° W 470 ft.
 Value \$50.00

A Cut the mouth of which bears
 from Cor. No 28 S. 22° W 510 ft
 running thence in rock South
 West 35 ft. width 10 ft. Average height

14 ft value \$35-0⁰⁰

A Cut 10 ft face 12 ft long 5 ft wide which bears from Cor No 28 West 320 ft in rock.

value \$20⁰⁰

Total value of improvements \$8700.⁰⁰

Improvements by others.

Two cuts of about 18 ft face each, 15 and 25 ft length width 8 to 10 ft, which bear from Cors. No 8th and 9. S. 26° W 45-0 ft and 5-00. ft.

These cuts were placed on the Buckhorn Lode by the Arizona Copper Company through mistake the work being intended for the Copper King Lode.

There are no other improvements.

Location.

Survey No 1033 A. is located about one and a half miles North West of Morenci in Copper Mountain Mining District Graham County Arizona. The South End of the Cobre location is on the top of the first hill North of the San-Francisco mine also known as the Corasco mine owned by the Arizona Copper Company.

Instrument.

This survey was made with a Gurley Solar Transit and 100 ft steel tape. Courses were all determined by use of the solar apparatus independent of needle. The results given are all independent of other prior surveys and are as measured on the ground.

Geo. M. Robison
U.S Deputy Min Surveyor
Morenci Arizona
Apr. 30th 1892

Affidavit of Five Hundred Dollars Improvements.

We, Gordon M. Lean and Alexander D. M. Lean
of lawful age, being first duly sworn according to law, depose and say; that we are acquainted with, the
Coburn, Buckhorn, Quezada, Lancaster Fairbanks Arthur and the
Gen. Miles Lodes mining claim, situated in
Copper Mountain Mining District, Graham County,
Arizona Territory, for which The Detroit Copper Mining
Company of Arizona
has made application for survey prior to application for patent under the provisions of the Act of
Congress, approved May 10, 1872; and that the labor done and improvements made ^{on each} ~~thereon~~ by the
applicant ~~and its~~ grantors exceed Five Hundred Dollars in value, and further that we are not
personally interested in said mine.

Gordon M. Lean

Alexander D. M. Lean

TERRITORY OF ARIZONA,

County of Graham } ss.

SWORN to and subscribed before me, this 13th day
of November 1891.

J. H. H. H. H.
Notary Public

NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of

Graham } ss.

Gordon McLean and *Alexander D. McLean* of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the "Number Five" mill-site claim, situated in Copper Mountain Mining District, Gila and Salt River Meridian, in the County of Graham and Territory of Arizona, claimed by The Detroit Copper Mining Company of Arizona

applicant — for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by Geo. M. Robison United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim

improvements, to-wit: A pumping plant of Machinery used in connection with the Mill Sites Number One Two Three and Four for supplying the Mines of this Company with water and for Smelter and Concentrator also owned by the same and that he has no interest whatever in said described mill-site claim.

*Gordon McLean**Alexander D. McLean*Subscribed and Sworn to before me this 30th dayof November A. D. 1891, and I hereby certify thatthe foregoing affidavit was read to the said GordonMcLean and Alexander D. McLean

previous to their names being subscribed thereto, and that

deponents are reputable persons to whose affidavits full faith

and credit should be given.

J. J. J. J.
Notary Public

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Geo. M. Robison
 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 Detroit Copper Mining Company of Arizona
 known as the Queida, Buckhorn, Gen. Miles, Lober, Arthur Fairbanks and Lancaster
Lodes and No Five Mill Site
 and showing the respective capacities in which they acted.

_____, Chainman.
 _____, Chainman.
Bat P. Leary }
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, I Bat P. Leary
 and _____, do solemnly swear that we assisted Geo. M.
Robison, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Detroit Copper
Mining Company of Arizona
 known as the "Queida" "Buckhorn"
"Gen. Miles" "Arthur Lober" Fairbanks and Lancaster Lodes and No Five Mill Site, 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

_____, Chainman.
 _____, Chainman.
Bat P. Leary }
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 30th day of November, 1891.

L. F. Fissum
 Notary Public

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, Geo. M. Robison, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated October 30th, 1891, 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 Detroit Copper Mining Company of Arizona, known as the Onida Buckhorn Gen. Miles Coburn Arthur Fairbanks and Lancaster Lode's and No. 500 Mill Site, situate in Copper Mountain Mining District, Graham County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1033 A & B, 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 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.

Geo. M. Robison
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo. M. Robison,
U. S. Deputy Mineral Surveyor, before me _____
A Notary Public this 30th
day of November, 1891.

L. F. Farnsworth
Notary Public

Notice of Relocation
Territory of Arizona
County of Graham

Know all men by these presents that
The Detroit Copper Mining Company of
Arizona the undersigned Corporation of
the United States has this the 25th day of
August 1891 relocated and claimed by
right of discovery and location and
does hereby claim by virtue of such right.
Fifteen hundred feet linear and hori-
zontal measurement in length and
Three hundred feet in width on each
side of the middle of the vein on The
Copper lode vein ledge or deposit
along the course of the same with its
spurs dips and angles together with the
amount of surface allowed by law
The said lode vein ledge or deposit
hereby relocated and claimed as aforesaid
is situated in Copper Mountain Mining
District Graham County Territory of
Arizona and is Bounded and described
as follows to-wit:

Commencing at Cor No 1, a post and
mound of stones from which U. S.
Mineral Monument No 4 bears
S 29° 28' E 4790.2 feet running thence
N 71° 40' W 642.8 ft to Cor No 2 a Post.
and monument of stone, thence N 2° 28'
W 1500 feet to Cor No 3 a post and
monument of stone thence S 71° 40'

E. lot 28 ft to Cor No 4 a post and Mon-
ument of Stones also Corner No 2
Buckeye Lode relocation Thence S 2° 29' E
1500 ft to the place of beginning.

All courses being given from the true
Meridian Monuments of Stones are
also placed at the centre of each end line
and a copy of this notice placed in that
at centre of South end, Original record of
this claim may be found in Book
6 Page 289 Graham County Arizona
records

The name of said vein Ledge or deposit
so located is the Coble Mining
Claim or Lode.

Located January 1st 1890
Geo M Robinson }
Witnesses } The Detroit Copper Mining
Co of Arizona }
L. S. Swainy agt } *Locators*

Recorded Apr 2nd 1891 at 9 A.M.
at the request of L. Swainy
H. J. Davoll
Co. Recorder

Territory of Arizona
County of Graham

I H. J. Davoll County
Recorder in and for the County of
Graham Territory of Arizona do
hereby Certify that the foregoing is
a true and correct copy of the
Coble Mining Claim as appears
on Record in Book 7 on Page 140+

151 Record of Mines Records of
Graham County Arizona Territory
Witness my hand and
Seal this the 3 day of
Sep 1891

H. J. Lardell
County Recorder
Graham County
Arizona Terr

Notice is hereby given that the undersigned, having complied with the requirements of Chapter 6 Title 32 of the Revised Statutes of the United States and the local customs laws and regulations have this day located and claim fifteen hundred linear feet along the course of this lead lode or vein of mineral bearing quartz and three hundred feet in width on each side of the middle of said lead lode or vein together with all dips spurs and angles, situated in the Upper Mountain Mining District County of Graham Territory of Arizona and more particularly described as follows to wit; commencing at this monument of stones being the north end of claim and upon which this notice is posted thence East 300 feet to a monument of stones thence South 1500 feet to a monument of stones thence West 300 feet to a monument of stones being the center of the south end of claim thence West 300 feet to a monument of stones thence North 1500 feet to a monument of stones thence East 300 feet to place of beginning. This claim is bounded on the north by the Buckeye and on the East by the Clay and North East Clay Mines and shall be known as

The Cobro Mine
Located January 1st 1890

26

Gordon M. Lean, Locator

Attest

Louis L. Sweeney
Recorded at 3 P.M. Jan 16th 1890 request of
L. L. Sweeney

E. Soto Co Recorder
By Fred. M. Newell Deputy

Territory of Arizona }
County of Graham }
J. G. Dawdle County
Recorder in and for the County of
Graham Territory of Arizona do
hereby Certify that the foregoing is
a true and correct Copy of
the Cobro Mine as appears on
Record in Book 6 Record of Mines
on Page 289 Records of Graham
County Arizona

Witness my hand and
Seal this 16th day of
September A.D. 1891

J. G. Dawdle
County Recorder
Graham County
Arizona

Copy
Original Location of
Cobro Mine

Notice of Location

Territory of Arizona }
 County of Graham }^{ss}

Know all men by these presents that Louis L. Sweeney the undersigned citizen of the United States, has this the 16th day of September 1891, claimed by right of discovery and location, and does hereby claim by virtue of such Fifty six hundred feet, linear and horizontal measurement in length and three hundred feet in width on each side of the middle of the vein or the lode vein ledge or deposit, along the course of the same with its spurs dips and angles, together with the amount of surface allowed by law. The said lode vein, or deposit, hereby located and claimed as aforesaid is situated in Copper Mountain Mining District Graham County Territory of Arizona, and is bounded and described as follows to wit:

Commencing at Cor No 1 same as S.W. cor of Copper Queen Lode Patented claim of Arizona Copper Company, and from which U.S. Mineral Monument No 4 bears $\angle 15^{\circ} 24' 44''$ E 7556.6 feet, Thence $\angle 18^{\circ} 20'$ W 1500 feet to Cor No. 2, Thence $\angle 71^{\circ} 40'$ W 600 ft. to Cor No. 3

Thence N 18° 20' E 1500 ft to Cor No. 4.
Thence S 71° 40' E 600 ft to Cor No. 1 the
place of beginning. Courses given from
true Meridian Courses are marked
by pins posts in stone mounds.

A stone mound being also built
at center of each end line and a
copy of this notice placed in that
at the North end. The name said
vein, ledge, or deposit, so located
is the Buckhorn Mining claim or
lode. Located Sept 16th 1891

Witness } Louis L. Sweeney
Geo. M. Robinson } Locators

Filed for Record the 21st day of Sept 1891
at 9 O'clock A M and recorded at request
of Louis L. Sweeney

Henry J Dowdler
Recorder

Territory of Arizona }
County of Graham } ss

H. J. Dowdler

County Recorder of Graham County Arizona
do hereby certify that the foregoing
copy of the Buckhorn Location notice
is a full true and correct copy of the
same, as appears on the Records of
my office

In witness whereof I
have hereunto set my hand
affixed my official seal at
Solomonville Ar. This 22nd day
of Sept 1891

H. J. Dowdler
Recorder
By Geo. A. Chuey orputy

Notice of Amended Location
Territory of Arizona } es.
County of Graham }

Know all men by these, that The
Detroit Copper Mining Company
of Arizona the undersigned Corporation
of the United States has this the 25th day
of August 1891 Amended the location
Certificate to claim by right of discovery
and location and does hereby claim
by virtue of such right Fifteen
hundred feet linear and horizontal
measurement in length and Three
hundred feet in width on each side
of the middle of the vein on The
Onida lode vein ledge or deposit
along the course of the same with its
spike, dip and angle together with
the amount of surface allowed by
law. The said lode vein ledge or
deposit located and claimed as
aforesaid, is situated in Copper
Mountain Mining District
Graham County Territory of
Arizona and is bounded and
described as follows to-wit:
Commencing at Cordo's, a post in
mound of stones the same being the
S.W. Corner of the patented claim
known as the Copper Queen
Lode belonging to the Arizona
Copper Company and from which

U. S. Mineral Monument No 4 30
bears S. $15^{\circ} 24' 24''$ E 7356.6 ft Running
thence N $71^{\circ} 40' W$ 300 ft to a monument
of stones in which a copy of this notice
is placed. Continued distance 600 ft
to Cor No 2 a monument of stones
thence N $18^{\circ} 20' E$ 1500 ft to Cor No 3 a
monument of stones thence S $71^{\circ} 40' E$
300 ft to monument of stones continued
distance 600 ft to cor No 4 a monument
of stones thence S $18^{\circ} 20' W$ 1500 ft to
place of beginning courses given from
true meridian north of Dec Tunnel
bears N $9^{\circ} W$ 552 ft from Cor No 1.

Original record Book 5 Page 356
Trahon County records all rights
reserved

The name of said Vein Ledge or
Deposit so located is the ~~Ore~~ ^{Quartz}
Mining claim or lode.

Discovered February 22nd 1888

Located February 22nd 1888

Geo. M. Robinson
witness

The Detroit Copper
Mining Co of Arizona
L. Sweeney agt ^{locators}

Recorded Sep 2nd 1891 at 9:06 A.M.
at the request of L. Sweeney

H. J. Darvell
C. Recorder

Territory of Arizona
 County of Graham
 J. H. Dawdle County
 Recorder in and for the County of
 Graham Territory of Arizona do
 hereby Certify that the foregoing is
 a true and correct copy of the
~~Onida~~^{Onida} Mining Claim as appears
 on Record in Book 7. Page 149 +
 150 Record of mine Records of Graham
 County Arizona Territory

Witness my hand and
 Seal this 5th day of
 Sep A.D. 1891

J. H. Dawdle
 County Recorder
 Graham County
 Arizona Terr

Territory of Arizona
 County of Graham
 J. H. Dawdle County
 Recorder in and for the County of Graham
 Arizona do hereby Certify that the mis-
 spelling of the word Onida was
 merely a clerical error and that I
 have this day corrected it on the records
 and also on the above certified copy
 of the Onida Mining Claim

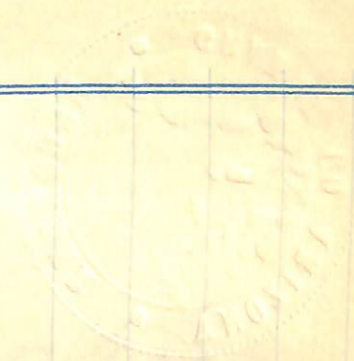
Witness my hand and seal
 this the 10th day of November, A.D.
 1891.

J. H. Dawdle
 County Recorder

Copy

Amended location of

Quedia Mine



Location Notice

Notice is hereby given that the undersigned having complied with the requirements of Chapter 6 Title 37 of the Revised Statutes of the United States and the Local Customs laws and regulations have this day located and claim fifteen hundred linear feet along the course of this lead lode or vein of mineral bearing quartz and three hundred feet in width on each side of the middle of said lead lode or vein, together with all dips spurs and angles, situated in ^{the} Copper Mountain Mining District County of Graham Arizona Territory and more particularly described as follows to wit:

Commencing at the monument of stones being the center of the North End Center of Claim and upon which this notice is posted, thence easterly three hundred feet to a monument of stones, thence southerly 1500 feet to a monument of stones, thence westerly ^{300 feet} to a monument of stones, being the center of the South End of Claim. Thence westerly 300 feet to a monument of stones, thence northerly 1500 feet to a monument of stones, thence easterly 300 feet to place of beginning. This claim is about three miles from Morenci and is bounded on the East by the Mine known

as the Queen Mine ^{on the west by the San Antonio River} ~~and~~ ^{or} known
as the Oneida Mine
discovered February 22nd 1888
located " " 1888

Marion Mitchell
A. M. Sean
J. W. Sean
Jordan M. Sean

} Locators

Attest
Jesus Escalante
Abilio Medina

Recorded at 3 o'clock P.M. March 22nd 1888
at the request of Marion Mitchell
P. Michelena
Recorder

Territory of Arizona
County of Graham } re.

J. H. J. Davdell County

Recorder in and for the County of Graham
Territory of Arizona do hereby certify
that the foregoing is a true and correct
copy of the Oneida Mine as appears
on Record in Book 5 Record of
mines on Page 356 Records of
Graham County Arizona

Witness my hand and
Seal this the 2nd day
of September A.D. 1891
J. H. J. Davdell
County Recorder
Graham County
Arizona

Copy
original location of

Oneida

Copy.

Notice of Relocation

34

Territory of Arizona
County of Graham

Know all men by these presents that the certain Copper Mining Company of Arizona the undersigned Corporation of the United States, has this the 21st day of August 1891 relocated and claimed by right of discovery and location, and does hereby claim by virtue of such right Fifty five hundred feet linear and horizontal measurement in length, and three hundred feet in width on each side of the middle of the vein or the Lancaster lode, vein, ledge or deposit, along the course of the same, with its spurs, dips and angles, together with the amount of surface allowed by law.

The said lode, vein, ledge or deposit hereby relocated and claimed as aforesaid, is situated in Copper Mountain Mining District, Graham County Territory of Arizona and is bounded and described as follows to wit:

Commencing at Cor No 1 same as Cor No 1 Fairbanks Lode from which U S Mineral Monument No 4 bears S 26° 28.5' E 6649.4 ft. Thence S 18° 20' W 1500 ft to Cor No 2. Thence N 71° 40' W 600

ft to Cor No 3. Thence N 18° 20' E 1500 ft to Cor No 4.
Thence S 71° 40' E 600 ft to the place of beginning. ³⁵
The corners are marked by pier
posts in stone mounds also ~~marked~~
of stone at the centre of each end
line. a copy of this notice being
placed in that at North end.

The courses given in this certifi-
-cate are taken from the true
meridian. The original record of
this claim may be found in
Book 5 Page 1173 Graham County
records to which reference is
hereby made. All former rights
reserved.

The nature of said vein ledge or
deposit so located is the
Lancaster Mining Claim or lode
located January 1st 1889

The Detroit Copper Mining Co of Arizona
I Swearing Agt
Geo W Robison } Witnesses Locators

Recorded Sep 2nd 1891 at 9 A.M at the
request of I Swearing
H. J. Duvall
Co Recorder

Territory of Arizona
 County of Graham
 I G. J. D. Middle County
 Recorder in and for the County
 of Graham do hereby certify that
 the foregoing is a true and correct
 copy of the Lancaster Mining
 Claim as appears on Record in
 Book 7 on Pages 154 + 155 Record of
 Mines Records of Graham County
 Arizona.

Witness my hand and
 Seal this the 3 day of
 Sep A.D. 1891

G. J. D. Middle
 County Recorder
 Graham County
 Arizona Territory

Copy
of
Relocation
of
Lancaster Mine

Relocation

Lancaster

4
J. J. P.

Location Notice

Notice is hereby given that the undersigned having complied with the requirements of Chapter 6 Title 37 of the Revised Statutes of the United States and the local customs laws and regulations have this day located and claim 730 linear feet along the course of this lode, lead or vein of Mineral bearing quartz & 300 feet in width on each side of the middle of said ~~lead~~ ~~lode~~ vein together with all dips spurs and angles Situate in the Copper Mountain Mining district County of Graham State of Arizona and more particularly described as follows to wit: Commencing at this monument of Stouers being the center of the north end of claim and upon which this notice is posted thence S 60° 30' W 300 feet to a mark of Stouers thence S 3° 15' E 730 feet to a mark of Stouers. thence N 60° 30' E 300 feet to a mark of Stouers, ~~thence~~ being the center of ~~the~~ south end of claim, thence N 60° 30' E 300 feet to a mark of Stouers thence S 60° 30' W 300 feet to place of beginning. This claim is bounded on the north by the Fairbanks Mine and on the East by the Buckeye Mine and is a relocation of the Great Expectation Mine forfeited by reason of non-compliance with the law in failing to do assessment work

for the year of 1888. and shall
be known as the Lancaster Mine
Located Jan 1st 1889.

Louis Jantz
Horace D. Gast } Locators

Recorded at request of H D Gast Jan 4th 1889
at 4 O'clock P.M.

Eduardo Soto
Recorder

By Ben M Crawford
deputy

Territory of Arizona
County of Graham

J. G. J. Davoll County

Recorder in and for the County of
Graham Territory of Arizona do
hereby Certify that the foregoing
is a true and correct copy of the
Lancaster Mine as appears on
Record in Book 5 Records of Mines
on Page 473 Records of Graham
County Arizona

Witness my hand and
Seal this 4th day of
September A.D. 1891

J. G. J. Davoll
County Recorder
Graham County
Arizona

Copy
Original location of
Lancaster

Notice of amended Location

Territory of Arizona }
 County of Graham } ss

Know all men by these presents that the Detroit Copper Mining Company of Arizona the undersigned corporation of the United States, has this 25th day of August 1891, amended the location certificate to claim by right of discovery and location and does hereby claim by virtue of such right fifteen hundred feet linear and horizontal measurements in length and three hundred feet in width on each side of the middle of the vein on the Fairbanks lode vein ledge or deposit along the course of the same with its spur dips and angles together with the amount of surface allowed by law.

The said lode vein ledge or deposit located and claimed as aforesaid, is situated in Copper Mountain Mining District Graham County Territory of Arizona, and is bounded and described as follows to wit;

Commencing at Cor No 1 a post corner of Stoves also Cor No 1 Lancaster Lode from which

U S Mineral Monument No 4 bears $S 26^{\circ} 28' 32''$
E 6649, 4 feet, Running thence $N 71^{\circ} 40' W 600$
feet to Cor No 2 a mound of stones & stake
same as Cor No 4 Lancaster Lode.

Thence $N 18^{\circ} 20' E 1500$ feet to Cor No 3 a
mound of stones. Thence $S 71^{\circ} 40' E 600$ feet
to Cor No 4 a mound of stones & stake

Thence $S 18^{\circ} 20' W 100$ feet to Cor No 2 "Quida"
and Cor No 4 "Buckeye" Lodes 1500 feet
to the place of beginning. The courses
are the same as given in original
location. Stone monuments are
erected at the center of each
end line and a copy of this notice
placed in that at the south end.
Original record may be found
in Book 4 Page 279 Graham
County records.

The lode of said vein, ledge or
deposit so located is the Fairbanks
Mining Claim or lode
Located June 1st 1886

The Detroit Copper Mining Co of Arizona
J. Sweeney Agent

Geo M Robison Witness

Locator

Recorded at the request of J. Sweeney
Apr 2, 1891 at 9 06 A.M

J. D. Arnold
Co. Recorder

5
5
Territory of Arizona
County of Graham

41

J. H. L. Duvall County
Recorder in and for the County of
Graham Territory of Arizona do hereby
Certify that the foregoing is a true and
correct copy of the Fairbanks
Mining Claim as appears on Record in
Book 7 on Pages 153 + 154 Record of
Mines Records of Graham County
Arizona Territory

Witness my hand and
Seal this the 3 day of
Sep A.D. 1891

J. H. Duvall
County Recorder
Graham County
A. T.

Copy

Amended location of

Fairbanks Mine

Notice is hereby given that the under-
signed having complied with the
local rules and regulations & the act
of Congress Approved May 10th 1872 has this
day located and claimed the following
described Mineral bearing ground
situated in Copper Mountain Mining
District Graham County Territory of
Arizona & more particularly described as
follows to wit:

Commencing at this monument of stones
and a stake FCMN end line, thence North
87° 00' W a distance of 300 feet to a stake
marked FNW Cor. No. 1. Thence S 3° 00' W a
distance of 1500 feet to a stake marked
FSW Cor. No. 2 Thence S 87° 00' E a distance
of 300 feet to a stake marked F.C.M.S
end line. Thence S 87° 00' E a distance
of 300 feet to a stake marked FSE
Cor. No. 3. Thence N 3° 00' E a distance of
1500 feet to a stake marked FNE Cor.
No. 4 Thence N 87° 00' W a distance of 300
feet to place of beginning. This claim
shall be known as the Fairbanks
Mine & is bounded on the west by
the Gun Miles claim & on the
south by the Arthur claim.
Located & dated on the ground this 1st day
of June A.D. 1886

Witness

Horace D. Gask

Wm Church, Locator

Recorded at request of Wm Church

Aug 4th 1886 at 9:30 A.M.
Geo. H. Strauss

Recorder

By P. Michelena deputy

Territory of Arizona (ss.
County of Graham)

J. H. Dawdle County
Recorder in and for the County of
Graham Territory of Arizona do
hereby certify that the foregoing is
a true and correct copy of the
Fairbanks Mine as appears on
Record in Book & Record of Mines
on Page 229 Records of Graham
County Arizona.

Witness my hand and
Seal this 4th day of
September A.D. 1886

J. H. Dawdle
County Recorder
Graham County
Arizona

Copy
of
original location
of
Fairbanks

Copy

Notice of Awarded Location

44

[Handwritten initials]

Territory of Arizona } ss
County of Graham }

Know all men by these presents that the Detroit Copper Mining Company of Arizona the undersigned Corporation of the United States has this 25th day of August 1891 awarded the location certificate to claim by right of discovery and location and does hereby claim by virtue of such right. Fifteen hundred feet linear and horizontal measurement in length and three hundred feet in width on each side of the middle of the vein on the Arthur lode vein ledge or deposit, along the course of the same, with its spurs dips and angles together with the amount of surface allowed by law. The said lode vein ledge or deposit located and claimed as aforesaid is situated in Copper Mountain Mining District Graham County Territory of Arizona and is bounded and described as follows to-wit:

Commencing at Cor No 1 same as Cor No 1 Gen Wiers lode from which U S Mineral Monument No 4 bears S 30° 37' E 7019.1 feet. Thence

S 18° 20' W 1500 feet to Cor No 2. Thence S 71° 40' W 600 feet to Cor No 3 Thence N 18° 20' E 1500 feet to Cor No. 4 Thence S 71° 40' E 600 feet to the place of beginning. All courses given from the true Meridian.

Courses are marked by pine posts and stone mounds, a stone mound is also built at center of each end line, and a copy of this notice placed in that at North end, all rights acquired by original record & location are reserved. All courses are the same as originally claimed. Former record may be found in book 4 Page 227 Graham County records.

The name of said vein lode or deposit so located is the "Arthur" Mining claim or lode.

Located July 5th 1886

The Detroit Copper Mining Co of Arizona
L. Swearing Dept
Geo W Robison } witnesses

Recorded Sep 2nd 1891 at 9 o'clock A.M.
at the request of L. Swearing

H. J. Darnold
Co Recorder

Territory of Arizona }
County of Graham } ss.

H. J. Darnold County
Recorder in and for the County of
Graham Territory of Arizona

Copy of
Arthur Mine

do hereby certify that the foregoing
 is a true and correct copy of the
 Arthur Mine as appears on Record
 in Book 7 on Pages 151~~0~~ 152
 Record of Mines. Records of Graham
 County Arizona Territory

Witness my hand and
 Seal this the 3 day of
 Sep A.D. 1891

G. J. Duvall
 County Recorder
 Graham County
 Arizona

Copy of
Amended Deed of
Arthur Mine



Notice is hereby given that the undersigned having complied with local rules & regulations & the act of Congress approved May 10th 1872 has this day located and claimed the following described Mineral bearing ground situate in Copper Mountain Mining District Graham County Territory of Arizona & more particularly described as follows to wit: Commencing at this monument of stones & a stake marked A C M N and line said monument being also the center monument south feed line of the Gun Mills claim. Thence $N 87^{\circ} 00'$ W a distance of 300 feet to a stake marked A N W Cor No 1 said corner being also the S W Cor of the Gun Mills claim. Thence $S 3^{\circ} 00'$ W a distance of 1500 feet to a stake marked A S W Cor No 2 Thence $S 87^{\circ} 00'$ E a distance of 300 feet to a stake marked A C M S end line Thence $S 87^{\circ} 00'$ E a distance of 300 feet to a stake marked A S E Cor No 3 Thence $N 3^{\circ} 00'$ a distance of 1500 feet to a stake marked A N E Cor No 4 said corner being also the N E corner of the Gun Mills claim Thence $S 87^{\circ} 00'$ W a distance of 300 feet to place of beginning. This claim shall be known as the Arthur Mine and is bounded on the north by the Gun Mills Mine ^{located} & dated on the ground

This 5th day of July A.D. 1886

Wm Church, Locator

Witness

Horace S. East

Recorded at request of Wm Church Aug 4th 1886 at 9 O'Clock A.M.

Geo. H. Stevens

Recorder

Territory of Arizona }
County of Graham }

J. H. J. Darwell County Recorder in and for the County of Graham Territory of Arizona do hereby certify that the foregoing is a true and correct copy of the Arthur mine as appears on Record in Book 4 Record of Mines on Page 227 + 228 Records of Graham County Arizona

Witness my hand and Seal this 4th day of September A.D. 1891

J. H. J. Darwell
County Recorder
Graham County
Arizona

Copy
of
original location of
Arthur Mine

07
Territory of Arizona }
County of Graham } ss

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rd. 168

Know all men by these presents that the Detroit Copper Mining Company of Arizona the undersigned Corporation of the United States, has this the 20th day of August 1891, amended the location certificate to claim by right of discovery and location, and does hereby claim by virtue of such right, fifteen hundred feet, linear and horizontal measurement in length and three hundred feet in width on each side of the middle of the vein on the Ten Miles lode vein ledge or deposit, along the course of the same, with its spurs ups and angles, together with amount of surface allowed by law, the said lode vein ledge or deposit located and claimed as aforesaid is situated in Copper Mountain Mining District Graham County Territory of Arizona and is bounded and described as follows to wit;
Commencing at Cor No 1 same as Cor No 1 Arthur lode, from which U.S. Mineral Monument No 4 bears S 30° 34' E 7019.1 feet Thence N 71°

40 W 600 feet to Cor. No. 2 Thence N 18° 20' E
1500 feet to Cor. No. 3. Thence S 71° 40' E 600.
feet to Cor. No. 4. Thence S 18° 20' W 1400
feet to Cor. No. 2 Fairbanks, and Cor. No. 4
Lancaster Sods 1500 feet to Cor. No. 1
The place of beginning. All courses
given from true Meridian. Courses
are marked by posts and stone
mounds a stone mound being
also built at the center of each
end line and a copy of this
notice placed in that at the
south end. All rights acquired
by original record and location are
reserved. Original record Book 4
Page 278 Graham County records.
The name of said vein, ledge or
deposit so located is the Ten
Miles Mining Claim or Lode

Located June 17th 1886

The Detroit Copper Mining Company
L. Sweeney Agent

Geo. M. Robison

Locator

Witness

Recorded Sep 2nd 1891, at 9 o'clock A.M.
at the request of L. Sweeney

G. J. Duvall
Co. Recorder

Territory of Arizona }
County of Graham } ex

51

J. L. Danville County Recorder
in and for the County of
Graham Territory of Arizona do
hereby Certify that the foregoing is
a true and correct Copy of the
Ten Miles Mining Claim as
appears on Record in Book 7 on
Page 152 + 153 Record of Mines
Records of Graham County Arizona

Witness my hand and
Seal this 3 day of
Sep A.D. 1891

J. L. Danville
County Recorder
Graham County
Arizona

Copy

Amended Location of
Gen. Miles Mine

Copy.

Handwritten signature or initials in red ink.

Notice is hereby given that the undersigned having complied with the local rules & regulations & the act on Congress approved May 10th 1872 has this day located & claimed the following described Mineral bearing ground situated in Copper Mountain Mining District Graham County Territory of Arizona, more particularly described as follows to wit:

Commencing at this monument of stone & stake marked Gen M. C. M. N. End line; Thence $N 87^{\circ} 00' W$ a distance of 300 feet to a stake marked Gen M. N. W. Co No 1; Thence $S 3^{\circ} 00' W$ a distance of 1500 feet to a stake marked Gen M. S. W. Co No 2 Thence $S 87^{\circ} 00' E$ a distance of 300 feet to a stake marked Gen. M. C. M. S. End line Thence $S 87^{\circ} 00' E$ a distance of 300 feet to a stake marked Gen. M. S. E. No 3 Thence $N 3^{\circ} 00' E$ a distance of 100 feet to the S. W. Co. of the Fairbanks claim, Thence $N 3^{\circ} 00' E$ along the west side line of said Fairbanks claim a distance of 1400 feet to a stake marked Gen. M. N. E. Co No 4. Thence $N 87^{\circ} 00' W$ a distance of 300 feet to place of beginning. This claim shall be known as the Ten Miles Mine and is bounded on the East by the Fairbanks on the West by the Panama claims. Located & dated on the ground this 17th day of June A. D. 1886

Wm Church, Sec⁵³

Witness

Horace D Gask

Recorded at request of Wm Church Aug 4th 1886
at 9-15-9 M

Geo. H. Stevens

Recorder

Territory of Arizona }
County of Cochise } et.

J. H. Dawdle County

Recorder in and for the County of Cochise
Territory of Arizona do hereby Certify that
the foregoing is a true and correct copy
of the Ten Miles Mine as appears on
Record in Book & Record of Mines on Page
228 Records of Cochise County Arizona

Witness my hand and
Seal this 4th day of
September A.D. 1891

J. H. Dawdle
County Recorder
Cochise County
Arizona

Copy
Original location of
Ten Miles

8
Copy

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Territory of Arizona } S.
County of Graham }

To all whom these presents may concern:
Know ye that The Detroit Copper Mining
Company of Arizona by L Sweeney Agent
hereby declares and publishes to the world
that the said Company has a valid right
to the occupation, possession and enjoy-
ment of all and singular that tract
or parcel of land situate lying and being
in Copper Mountain Mining District
Graham County Arizona bounded
and described as follows to-wit:

Beginning at Cor No. 1 whence U. S.
Mineral Monument No 2 bears N 24° 53'
E. 835.5 ft and running thence S 54° 18' W.
292.5 ft. to Cor. No. 2. Thence N 55° 42' W.
744.6 ft. to Cor No. 3 Thence N 54° 18' E.
292.5 ft. to Cor No 4 Thence S 35° 42' E
744.6 ft. to Cor No. 1 the place of beginning
Containing five Acres. together with all
and singular the hereditaments and
appurtenance thereunto belonging or
in anywise appertaining.

The name of said claim or parcel of
ground shall be The Number Five
Mill Site. Located Sept 8th 1891

Magnetic variation 12° East
witness } The Detroit Copper Mining
Geo M Robison } Co of Arizona
by L Sweeney Agt
Recorded Sept 16. 1891 at 9.06 A.M.

Recorder

at the request of L. Drueing
G. J. Duvall
Recorder

Territory of Arizona }
County of Graham } ss.

I G. J. Duvall County
Recorder in and for the County of
Graham Territory of Arizona do
hereby certify that the foregoing
is a true and correct copy of The
Number Five Mill Site, as appears
on Record in Book D one of Mill
Sites on Page 104 Record of
Graham County Arizona

Witness my hand and
Seal this the 16th day
of September A.D. 1891

G. J. Duvall
County Recorder
Graham County
Arizona

The Number Five Mill Site

Copy
of

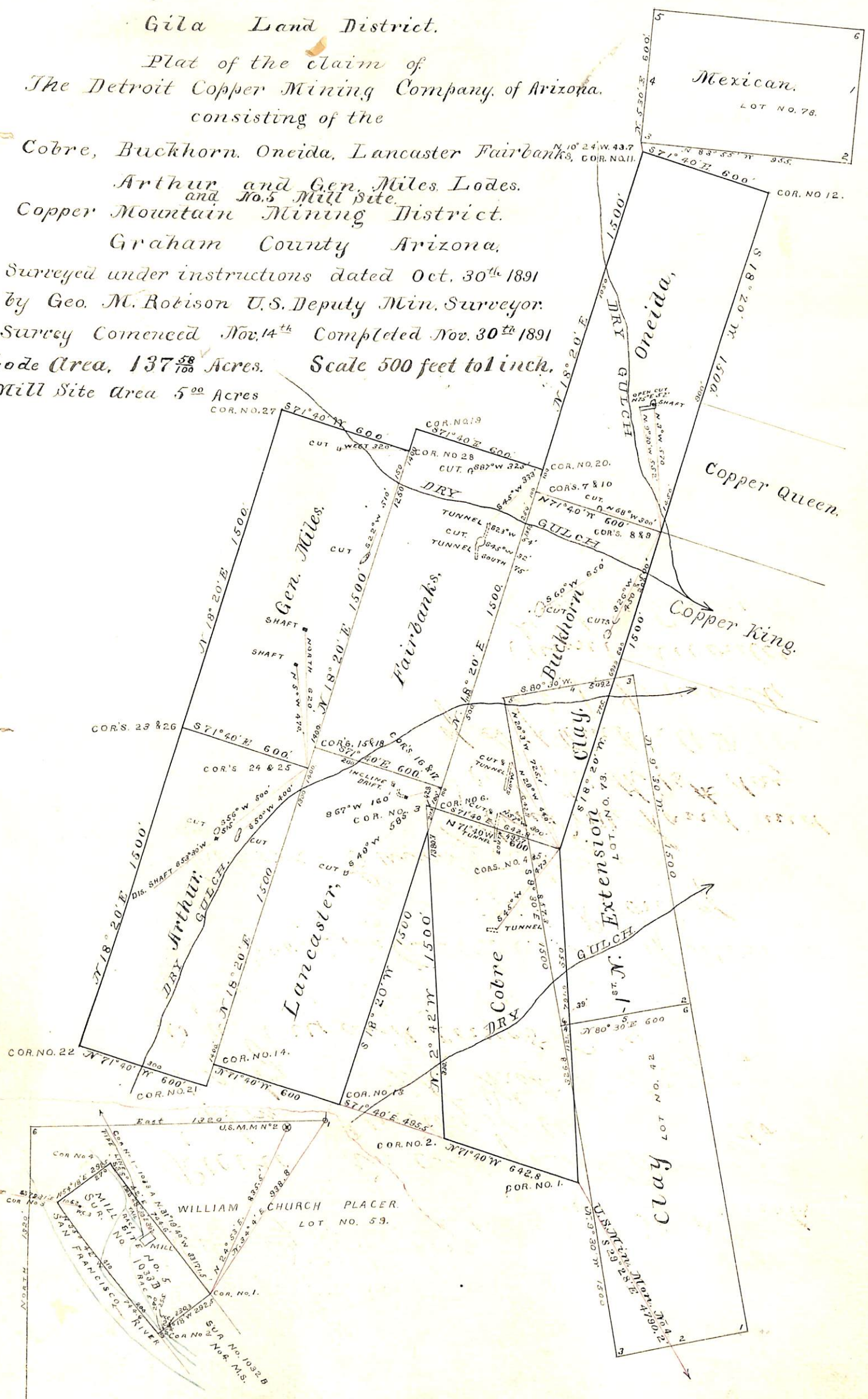
Survey No. 1033 A & B. - Lot No.

Gila Land District.

Plat of the claim of
The Detroit Copper Mining Company, of Arizona,
consisting of the

Cobre, Buckhorn, Oneida, Lancaster Fairbanks,
Arthur and Gen. Miles Lodes,
and No. 5 Mill Site,
Copper Mountain Mining District,
Graham County Arizona.

Surveyed under instructions dated Oct. 30th 1891
by Geo. M. Robison U.S. Deputy Min. Surveyor.
Survey Comenced Nov. 14th Completed Nov. 30th 1891
Lode Area, 137 ⁵⁸/₁₀₀ Acres. Scale 500 feet to 1 inch.
Mill Site Area 5 ⁰⁰/₁₀₀ Acres



(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,

Musson Arizona

August 4th, 1892.

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 Detroit Copper

Mining Company of Arizona

Known as the "Cobue - Buckhorn - Onieida -

Lancaster - Fairbanks - Arthur - and Gen Mites" lodes;
and Number Five Mill-site.

situate in *Copper Mountain* mining district,

Gratham County, *Arizona*,

in Section _____, Township No. _____, Range No. _____

and _____, designated as Survey No. *1033. A+B*

executed by *Geo. M. Robison*, U. S. Deputy Mineral

Surveyor, *Nov 14th to 30th, 1891*, under my instructions dated

October 30th, 1891, have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

the Survey they describe, are hereby approved. A true copy of the copy of the location

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

Rapael Johnson

U. S. Surveyor General for *Arizona*

o 6-162