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Vol. 1
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MINERAL SURVEY NO. 1030 A & B

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(4-683.)

Mineral Survey No. 1030. A. and B.

Lot No. _____

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Detroit Copper Mining
Company of Arizona.

KNOWN AS THE
Hudson, Eccentric, Lone Star, Butler, London,
Hoodoo, and Kupper Lodes, and "The Number Two Mill-site."

Copper Mountain

Mining District,

Gravatt

County,

Arizona

Section _____, Township 4+58, Range 295

Surveyed under instructions dated Sept 23rd, 1891.

Address of Applicant,

by

Geo. M. Robison

The Detroit Copper Mining Co.

U. S. Deputy Mineral Surveyor.

L. Swamy Agent.

Mohave Arizona

Claim located _____, 18 _____.

Survey commenced October 30th, 1891.

Survey completed November 30th, 1891.

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5462 b-3 m

Lode Name	Located	Relocated	Amended
Hudson Lode	Apr. 20 th 1886	Relocated	Aug 1 st 1891
Eccentric	"	"	"
Lone Star	Sept 20 th 1887	"	"
Butler	Jan. 3 rd 1882	Amended	"
London	Mar. 24 th 1887	"	"
Hoodoo	Dec 13 th 1886	"	"
Kupper	Oct 13 th 1886	"	"
No. 2. Mill Site	Jan 1 st 1890	"	"
	Sept. 8-1891		

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I WE, Bat 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 uneyen 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
Hudson, Eccentric, Lone Star, Butler, London, Hoodoo, and
Kupper Lodes and the Number Two Mill Site
situate in Copper Mountain mining district,
Graham County, Arizona,
in Section _____, Township No. _____, Range No. _____.

Bat P. Leary, Chainman.
_____, Chainman.

Subscribed and sworn to by the above-named persons before
me this 29th day of October, 1891.

L. F. Frazzini
Notary Public.

I, Bat 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
more fully described in the preceding affidavit.

Bat P. Leary, Axeman.

Subscribed and sworn to by the said Bat P. Leary
before me this 29th day of
October, 1891.

L. F. Frazzini
Notary Public

I, Bat 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.

Bat P. Leary, Flagman.

Subscribed and sworn to by the said Bat P. Leary
before me this 29th day of
October, 1891.

L. F. Frazzini
Notary Public



Feet

Survey No. 1030 A.

Hudson Lode

Beginning at Cor No 1.

Identical with Cor No 1
of the Relocation.A pine post 3x5 inches by 4 1/2
ft long set 1 foot in the ground
to bed rock and in a mound of
stones and earth marked $\frac{1}{1030}A$
WhenceU. S. Mineral Monument No 4
bears $N 61^{\circ} 56' E$. 1361.7 ft

Cor. No. 1 Thomson Lode

Lot No 30 The Detroit Copper
Mining Company owners bears
 $N 30^{\circ} 25' E$. 136.8 feet.Thence $N 41^{\circ} 32' E$.Variation $12^{\circ} 50' E$.114. Intersect line 1-3 Lot No. 30 at
 $S 11^{\circ} 04' E$ 33.2 ft from Cor No 1.
This line 1-3 Lot 30 I find to be
returned as $S 11^{\circ} 15' E$ in the
official survey of Lot No 30.

210 Cross Railroad Spur track right angles.

290 Cross Railroad Main track right angles.

327.6 Intersect line 3-4 of Lot No 38

Arizona Central Lode. The Detroit
Copper Mining Company owners at
a point 75.7 feet $N 83^{\circ} 58' W$. of Cor
No 4 and 499. ft $S 83^{\circ} 58' E$ of Cor
No 3.I find line 3-4 of Lot No. 38 is officially
returned in that survey as $S 82^{\circ} 30' E$ 699.28 ft I make it $S 83^{\circ} 58' E$ 574.7 ft.458 Intersect line 4-1 Lot No 38 at
106.1 ft $N 6^{\circ} 2' E$ (Course official
survey of Lot 38, of same line $N 7^{\circ} 30' E$)623.8 Cor. No 2 a pine post 3x5 inches
by 4 1/2 ft long set 2 ft in the ground
and in a mound of stones and
earth marked $\frac{2}{1030}A$ from which

Foot Cor No 4 Lot No 38 Also Loc. Cor No. 3 bears S 27° 48' W 259.6 feet.

Cor No 4 Lot No 49 Regulus Lode owned 1/3 by Detroit Copper Mining Company, 2/3 by Arizona Copper Company. bears N. 32° 34' W. 146.6 ft

Cor No 4 Regulus is also Cor No. 5 Hudson original location

Thence S. 32° 34' E
Variation 13° 30' E

320 Intersect Main track of Rail road at nearly right angles.

410 Intersect Spur track of rail road at nearly right angles.

751. Cor. No 3 Lot. No. 49

855. Cor. No 3.

Also Cor No 6 of the original location and Cor No 3 of the relocation.

Cor No 3 is a pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked ³/₁₀₃₀ A from which

A blazed cedar stump 10" diameter marked B.T. ³/₁₀₃₁ A bears S. 45° E 1.5 ft.

Thence S. 41° 32' W
Variation 12° 45' E

267 To Cor No 3. Chalkos Lode Lot No 74 Wm Church owner.

(The North side line of the Chalkos and the South End of the Hudson Lodes form one and the same straight line whose course I make to be S. 41° 32' W notwithstanding the official return of the Chalkos makes it S. 42° 15' W.)

623.8 Cor No 4

I dentical 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 ⁴/₁₀₃₀ A.

feet from which
 A blazed pine stump 8" in dia
 marked B.S. $\frac{4}{1030}A$ bears $N 28^{\circ} W$ 31. ft
 A mountain Peak (Name unknown)
 bears $S. 44^{\circ} E$

Thence $N 32^{\circ} 34' W$

Variation $13^{\circ} 15' E$

607.8 Intersect line 1-3 Lot No 50
 at $S. 11^{\circ} 04' E$ 332.5 ft from Cor No 1.

855. To Cor No 1 the place of beginning
 All corners are identical with
 the corresponding corners of the
 relocation.

Corners No 2 & 4 of the original location
 I could not identify Cor No 1
 original location is the same as
 Cor No 3 Lot No 5-0

Eccentric Lode.

Beginning at Cor No 5

Identical with Cor No 3 of the
 relocation a pine post 4x6 inches
 by 4 1/2 ft long set 2 ft in the ground
 and in a mound of stones and
 earth marked $\frac{5}{1030}A$ whence

Cor No 1 this survey bears
 $N 41^{\circ} 32' E$ 40.8 ft.

(No other bearings available)

Thence $N 84^{\circ} 24' W$

Variation $12^{\circ} 50' E$

240. Intersect at right angles the
 Thomson branch of railroad.

430. Intersect line 6-1 of Lot No 50
 at 534.9 ft $S. 78^{\circ} 31' W$ of Cor No. 1.

The course of line 6-1 I find to be
 given in official survey of Thomson as
 $N 78^{\circ} 45' E$

1209. Intersect line 9-10 Lone Star Lode this
 survey.

1274. To Cor No. 6.

A pine post 4x6 inches by
 4 ft long set 1 ft deep to bed rock

Fest and in a mound of stones and marked $\frac{6}{1030} A$.

This corner is identical with cor. No 4 of the relocation, and comes at the top of an exposed portion of bed rock and about 20 feet above the loose wash at its foot.

Thence $N 41^{\circ} 32' E$
Variation $15^{\circ} E$.

5-10 Intersect railroad right angles at the switch back to Thomson mine

740.8 To Cor No. 7.

Identical with Cor No 1 of the relocation.

A pine post 3x5 inches $4\frac{1}{2}$ ft long set 2 ft. in the ground and in a mound of stones and earth marked $\frac{7}{1030} A$. Thence

A blazed Cedar tree 10 inches dia marked B.T. $\frac{7}{1030} A$ bears

S. $26^{\circ} W$. 71.9 ft.

Cor No 7 is on the South End line of the Fairplay Lode Lot No 51 The Arizona Copper Company owners at a point 36. ft. S. $84^{\circ} 21' E$ of Cor No. 5.

This End line of the Fairplay Lode is reported in the official survey of that claim as

S. $84^{\circ} 36' E$ 599.9 ft I find it to be

S. $84^{\circ} 21' E$ 594.7 ft.

Cor No 7 is also at the Centre of the East end of the Lone Star Lode.

Thence S. $84^{\circ} 21' E$

Variation $15^{\circ} 20' E$.

258.7 To post No. 6 Lot No 51.

558.7 To Cor No 1 Lot No. 5-1 and Cor No 4 original location Eccentric and Intersection west side line No 2-3 Arizona Central Lode Lot No. 38. at 298 ft $N 6^{\circ} 2' E$ of cor No 3 and Cor No 3 of

- Great. original location of the Eccentric
 This. Course and distance is reported
 as N. $5^{\circ} 24' E$ 354.1 ft in the
 survey of lot 5-1. and the course
 given in survey of Arizona Central as
 N $7^{\circ} 30' E$.
- 1133.4 Intersect side 4-1 of Lot 38.
 at N $6^{\circ} 2' E$ 303. ft from
 Cor No 4.
- 1180.8 Intersect line 3-4 of lot No 49
 at S. $32^{\circ} 34' E$ 68.1 ft from Cor No 4
 Cor No 8.
1274. Identical with Cor No 2 of
 the relocation.
 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 $\frac{8}{1030} A$. Whence
 Cor. No. 4 of Lot No. 49 bears
 N. $62^{\circ} 48' W$. 145.5 ft.
 Thence S. $41^{\circ} 32' W$. (Va. $14^{\circ} E$)
- 76.2 Intersect line 3-4. Lot No. 49
 at S. $32^{\circ} 34' E$. 146.6 ft. from Cor. No. 4
 Also Cor. No. 2. this survey.
242. Intersect line 4-1 Lot No. 38 at
 N $6^{\circ} 2' E$ 106.1 ft. from Cor. No. 4.
- 372.4 Intersect line 3-4 Lot No. 38 at
 S. $83^{\circ} 58' E$. 499. ft from Cor. No. 3 and
 N. $83^{\circ} 58' W$. 75.7 ft. from Cor. No. 4.
410. Cross main track railroad.
- 490 Cross spur track railroad.
586. Intersect line 1-3 Lot. No. 5-0
 at S. $11^{\circ} 4' E$ 33.2 ft. from Cor. No 1
700. Cor. No. 1 this survey.
- 740.8 To Cor. No. 5. the place of be-
 -ginning.

Lone Star Lode

Beginning at Cor. No 9
 A pine post 4x6 inches by 4
 feet long set 2 ft. in the ground
 and in a mound of stones

Feet and earth marked $\frac{9}{1030}$ A Whence
 Cor. No. 7 of this survey bears
 N 30° W. 300 feet.
 U. S. Mineral Monument No 4
 bears N 82° 15' E. 1872.6 feet.
 Thence S. 62° 40' W.
 Variation 14° 45' E.

130. Intersect railroad Thomson branch
 Course N.W. and S.E.

651 Intersect line 5-6 this survey.

1474. Cor No. 10 a point on the
 dump of open cut near where
 a corner post would soon be
 covered. I therefore set witness
 post on line 10-11.
 Thence N 30° W
 Variation 14° E.

104.5 Witness to Cor No. 10. a pine
 post 3x5 inches by 4 1/2 ft long
 set 2 ft in the ground marked
 W.C. $\frac{10}{1030}$ A. Whence

A cedar stump 6" in dia
 marked B.S. W.C. 10. bears West 1.5 ft.
 600 Cor No. 11

A pine post 3x5 inches by 4 1/2
 ft. long set 2 ft. in the ground and
 in a mound of stones and earth
 marked $\frac{11}{1030}$ A. Whence

A blazed cedar stump 8 inches
 dia marked B.S. 11-1030A bears N 4° E 20 ft.
 Cor No 11 is near the top of
 Lone star hill on the slope toward
 Gold Gulch.

Thence N. 62° 40' E.
 Variation 13° 45' E

1019.1 Intersect line 13-14 of this survey.
 1474. To Cor. No. 12

354.9 A pine post 4x4 inches by
 4 ft. long set 1 foot deep to
 bed rock and in a mound of
 earth and stones marked $\frac{12}{1030}$ A.
 from which

Set a "X" chiseled on a rock 2x3 ft
above ground bears S. 60° W 18.4 ft
Thence S. 30° E.

Variation 15° 30' E

238.2 Intersect line 16-13 this survey
also line 4-5 Lot No. 5-1 at
N 5° 5-6' E of Cor No. 5

(The course of same line is returned
in official survey of lot No 5-1 as
N 5° 24' W)

300 Cor No 7 this survey also.

Intersect line 5-1 Lot No 5-1
at S 84° 21' E 36 ft from Cor. No. 5.

480. Intersect Railroad at right angles.

600 To Cor No 9 the place of begin-
ning.

The Survey of the Lone Star
Lode is identical with both
the original and amended locations

Butler Lode.

Beginning at Cor No 13.

a pine post 3x5 inches by 4 1/2 ft
long set 2 ft deep and in a
mound of stones marked $\frac{13}{1030}A$ Whence

a blazed cedar tree 10 inches dia
marked B.T. $\frac{13}{1030}A$ bears S. 2° E 68.3 ft

Cor No 13 is the same as Cor
No. 5. Lot No 5-1 which post was
badly decayed. I therefore replaced
it with new post as above and
marked it S.W.V. Fairplay.

Thence N 84° 45' W.

Variation 15° 20' E.

5-20.5 Intersect line 11-12 this survey.

600. Cor No 14.

A pine post 3x5 inches by
4 1/2 ft long set 2 ft in the
ground and in a mound of
stones marked $\frac{14}{1030}A$. Whence

A blazed cedar stump 14" dia
marked BS $\frac{14}{1030}A$. Bears N 46° W 14. ft

Feet
 Thence $N 5^{\circ} 56' E$
 Variation $14^{\circ} 30' E$
 1140. To Coronado trail Course N.W. & S.E.
 1453. Cor No 15-
 A pine post 3×5 inches by $4\frac{1}{2}$ ft
 long set 2 ft in the ground and in
 mound of stones marked $\frac{15}{1030} A$. Whence
 Two mountain peaks (Names if any unknown)
 bear respectively $N 71^{\circ} 30' E$ and $S. 54^{\circ} 20' E$
 (No local bearings available)
 Thence $S. 84^{\circ} 45' E$
 Variation $13^{\circ} 30' E$
 107.4 Intersect line 18-19 this survey.
 143.3 Intersect line 17-18 this survey.
 600 To Cor No 16.
 Also Cor No 4 Lot No. 5-1.
 a pine post 4×4 inches by $4\frac{1}{2}$ ft
 long set 2 ft in the ground and
 in a mound of stones marked
 $\frac{16}{1030} A$. (This post replaces old Cor
 post No 4 of Fairplay lode which
 was badly decayed. I marked it
 also N.W. 4 Fairplay. Whence
 A blazed cedar stump 10" in dia
 marked B.S. $\frac{16}{1030} A$ bears $S. 89^{\circ} W 17.0$ ft
 A blazed cedar stump 9" in dia
 marked $\frac{16}{1030} A$ bears $S. 15^{\circ} W 51.2$ ft.
 Thence $S. 5^{\circ} 56' W$
 Variation $14^{\circ} 5' E$
 500 Cross Coronado trail Course N.W. & S.E.
 1402.7 Intersect line 12-9 this survey.
 1453. To Cor No 13 the place of
 beginning.
 (The survey of Fairplay lode
 gives the west side line of that
 claim as $S 5^{\circ} 24' W 1499.85$ ft ($22.72\frac{1}{2}$ chs)
 I find the same line to be
 $S. 5^{\circ} 56' W 1453$ feet.)
 The survey of the Butler
 lode is identical with the
 original and the amended
 locations.

Feet.

London Lode.

Beginning at Cor No 17
 a pine post 4x4 inches by
 4½ ft long set 2 ft in the
 ground and in a mound of
 stones marked $\frac{17}{1030}$ A. also S.W.
 3. Liverpool. it being also the
 S.W. Cor No 3 Liverpool Lode
 owned by The Arizona Copper Co
 The old post being badly decayed
 I replaced it by the above new
 post. Whence

Cor No 16 of this survey bears
 S. 29° 16' W 196.6 feet

A blazed pine tree 6" dia marked
 B. T. $\frac{17}{1030}$ A. bears N 64° E 20. ft
 Thence S. 76° 45' W.

Variation 14° 5' E.

566. Intersect line 15-16 this survey.
 600 Cor No 18.

A pine post 4x4 inches by
 4½ ft long set 2 ft in the
 ground and in a mound of
 stones marked $\frac{18}{1030}$ A. Whence
 Two mountain peaks (No name known)
 bear respectively N 71° 30' E and S 54° 20' E
 (No local bearings available)

Thence N. 13° 15' W.

Variation, 13° 30' E.

11.4 Intersect line 15-16. this survey.

692.7 Intersect line 21-22 this survey.

1010. Cross Arizona Copper Co's Wagon
 road. Course N.W. and S.E.

1385.3 Intersect line 24-21 this survey.

1500. Cor. No 19.

A pine post 3x5 inches by
 4½ ft long set 2 ft in the ground
 and in a mound of stones and
 earth marked $\frac{19}{1030}$ A. Whence

A blazed pine stump 8" in dia marked
 B.S. $\frac{19}{1030}$ A bears N 42° E 32.4 ft

A blazed pine stump 5" in dia marked

Feet B.S. ¹⁹/₁₀₃₀ A Bears N 74° E. 77.4 ft.
 Longfellow Peak bears S. 85° 50' E.
 Mouth of the San Francisco Tunnel
 bears S. 60° 28' W.

Thence N 76° 45' E

Variation 13° E.

600. To Cor No. 20, a pine post 3x5-
 inches by 4½ ft long set 2 ft in
 the ground and in a mound of
 stones marked ²⁰/₁₀₃₀ A. also N.W. 4
 Liverpool, it being also the N.W. Cor
 No. 4 Liverpool Lode. (Lot-41) Whence

A blazed pine tree 8" in dia marked
 B.T. ²⁰/₁₀₃₀ A bears S. 37° W 45.5 ft

A blazed pine tree 6" in dia marked
 B.T. ²⁰/₁₀₃₀ A. bears S 63° E 11.5 ft.

Thence S. 13° 15' E.

Variation 13° 30' E

(In official survey of Lot No 41 this
 line is returned N 12° 49' W)

790. Cross The Arizona Copper Co's Wagon road
 Course N.W. and S.E.

1500. To Cor No 17 the place of
 Beginning.

This survey of the London
 Lode is identical with both the
 location and amended location of
 the claim.

Hoodoo. Lode.

Beginning at Cor No 21.

A pine post 4x4 inches by
 4½ ft long set 2 ft deep and
 in a mound of stones and earth
 marked ²¹/₁₀₈₀ A. Whence

Cor. No. 19 of this survey
 bears. N 5-9° 13' W 448. ft.

A blazed pine tree 3" in dia marked
 B.T. ²¹/₁₈₃₀ A bears S. 35° E 35.2 ft

A blazed Oak tree 10" in dia marked
 BT ²¹/₁₀₃₀ A bears N 18° E 4.7 ft

?

?

?

- Feet
250. Thence S. $19^{\circ} 40' W$.
Variation $13^{\circ} 30' E$.
Cross The Arizona Copper Co's wagon
road. Course N. W. and S. E.
6-85.8 Intersect line 18-19 this survey.
1422.4 Cor No 22.
A pine post 4x4 inches
by $4\frac{1}{2}$ ft long set 2 ft in the
ground and in mound of
stones, marked $22/1030 A$. Whence
An oak stump (too short to mark)
 $10''$ in dia bears $N 71^{\circ} E$ 11.3 ft
Thence $N 71^{\circ} W$.
Variation $13^{\circ} 45' E$
240. Cross Coronado trail Course N. W. + S. E.
600 Cor No. 23.
A pine post 4x4 inches by
 $4\frac{1}{2}$ ft long set 2 ft in the ground
and in a mound of stones and
earth marked $23/1030 A$.
(No bearings available)
Thence $N 19^{\circ} 40' E$
Variation $13^{\circ} 50' E$.
- 379.8 Intersect line 25-26 this survey.
548. Intersect line 28-25 this survey.
700. Cross Coronado trail Course N. W. + S. E.
1422.4 Cor No. 24
A pine post 4x4 inches by
 $4\frac{1}{2}$ ft long set 2 ft in the ground
and in mound of stones and
marked $24/1030 A$. Whence
The N. E. Cor. of The Arizona
Copper Company's ore bin for
the San Francisco mine bears
S. $12^{\circ} 38' W$ 127 feet
Thence S. $74^{\circ} E$
Variation $13^{\circ} 10' E$.
- 223.6 Intersect line 18-19 this Survey.
600. To Cor No 21. the place of
beginning.
This Survey of the Hoodos lode
is identical with both the

Feet Location and Amended Location of the same.

Kupfer Lode.

Beginning at Cor No 25.

Identical with the Amended Location Cor. No. 1.

A pine post 4x4 inches by 4½ ft long set 2 ft in the ground and in a mound of stones marked ²⁵/1030 A. Whence

Cor No 23. This survey bears S. 25° 21' W 555.6 ft.

A Cor of original location bears N 37° 19' E 70 feet.

A blazed pine stump 8" in dia marked B.S. ²⁵/1030 A bears S. 38° 30' W 28.0 ft.

A blazed pine stump 6" dia marked as above bears S. 69° W 5.0 ft.

Thence S. 37° 19' W.

Variation 13° 15' E.

181.8 Intersect line 23-24 this survey.

1500. To Cor No 26.

A pine post 4x4 inches by 4½ ft long set 2 ft in the ground and in a mound of stones and earth marked ²⁶/1030 A.

Whence a Cor. of original location bears S 37° 19' W. 60 ft.

Cor 26 is identical with the Amended Location Cor. No. 2.

(No bearings available)

Thence N 75° 26' W.

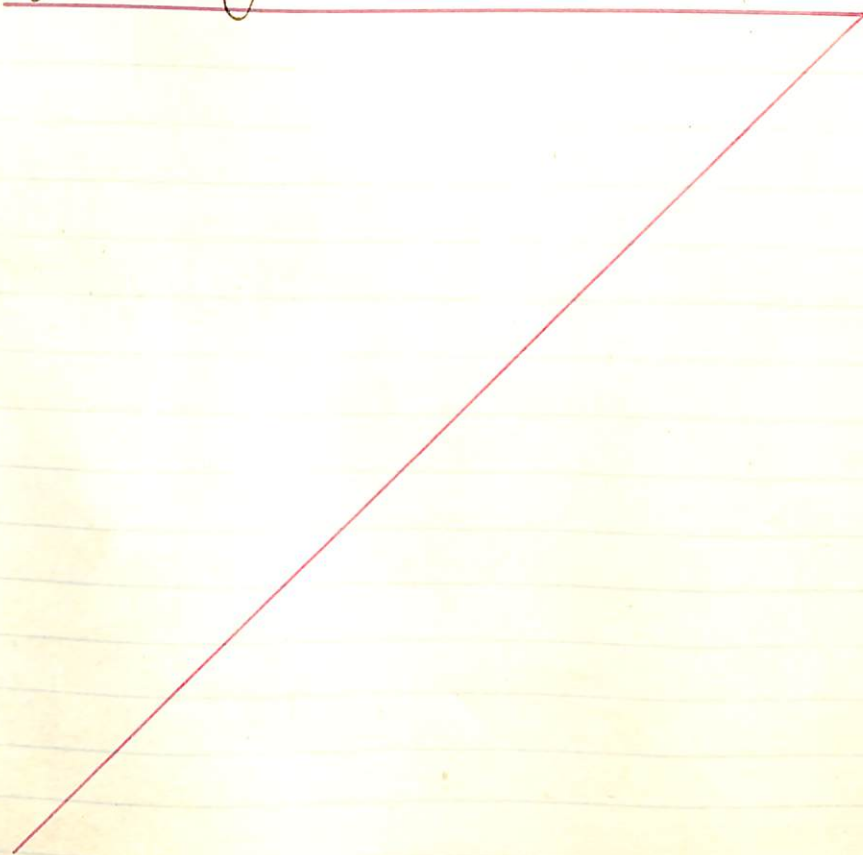
Variation 13° 40' E.

650.6 To Cor No 27.

Identical with Cor No 3 of Amended location (original corner could not be identified)

A pine post 4x4 inches by 4½ ft long set 2 ft in the ground and in mound of stones marked ²⁷/1030 A. Whence

- Feet A blazed cedar stump 12" in diameter marked B.S. 27/1030 A
 bears S. 70° E 21.0 ft.
 Thence N 37° 19' E
 Variation 13° 40' E
- 15.00 To Cor No 28.
 Identical with Cor No 4 of Amended location (Original corner not identified)
 A pine post 3x5 inches by 4 ft long set over an "X" chiseled on bed rock on the edge of a bluff facing South West and in a mound of stones marked 28/1030 A.
 (No bearings available)
 Thence S. 75° 26' E
 Variation 13° 30' E
- 7.3 To S. W. Cor. of the San Francisco Lode (Unsurveyed) owned by The Arizona Copper Company
 595.3 Intersect line 23-24 this survey also S. E. Cor. of the San Francisco Lode.
- 650.6 To Cor No 25 the place of beginning.



	43	49	50	
<u>Area, (in acres)</u>				
Total area Hudson Lode			11.777	
Less conflict with Lot No 38	0.092			
" " 50	0.311	0.403		
Net area Hudson.			11.374	
<hr/>				
Total area Eccentric Lode			17.543	
Less conflict with Lot No. 38	3.869			
" " 49	0.066			
" " 50	0.812	4.747		
Net area Eccentric			12.796	
<hr/>				
Total area Lone Star Lode			20.280	
Less conflict with Lot No 5-1	0.021			
Eccentric Lode	2.683			
Butler Lode	1.544	4.248		
Net area Lone Star.			16.032	
<hr/>				
Total area Butler Lode			20.014	
Net area Butler Lode			20.014	
<hr/>				
Total area Loudon Lode			20.662	
Less Conflict with Butler Lode	0.004			
Hoodoo Lode	2.531	2.535		
Net area Loudon Lode			18.127	
<hr/>				
Total area Hoodoo Lode			19.590	
Net area Hoodoo Lode			19.590	
<hr/>				
Total area Kupfer Lode			20.506	✓ 20.506
Less conflict with Hoodoo Lode		0.106		
Net area Kupfer Lode			20.356	✓
<hr/>				
Total Net area of Survey No 1030 A in acres.			118.489	
			118.333	

Feet

Survey No 1030 B.

Number Two Mill Site

Beginning at Cor No 1

A pine post 4x4 inches by 4 feet long set 1 foot in the ground to bed rock and in a mound of stones, marked ¹/1030B

Thence

U. S. Mineral Monument No 2

bears $N 44^{\circ} 29' W$ 1620.5 feet

Cor No 1 Survey No 1030 A bears

 $N 35^{\circ} 35' 23'' W$ 30240 feet.

Cor No 1 Lot No 59 The William Church Placer William Church

applicant (Application and entry cancelled) bears $N 39^{\circ} 16' W$ 15-18.5 ft

Cor No. 1-1030B is also Cor No 1 of Survey No 1031B The Number Three Mill Site The Detroit Copper Mining Company owners.

Thence $N 14^{\circ} 55' W$.

20. To left bank of San Francisco River.

230 To right bank of same.

242.8 To Cor No 2, also Cor 6/Sur. 1031B.

A pine post 4x4 inches by 4 ft long set on bed rock and in a mound of stones marked ²/1030B Thence

The South end of the dam built on Mill Site No 3, bears

 $S. 11^{\circ} 11' W$ 240 feet.Thence $N 60^{\circ} 11' E$

490. Intersect line 3-4 of Lot No 59 at South 1360 ft from Cor No 3

688.5 Set witness post for Cor No 3.

A pine post 4x4 inches by 4 ft long set 1 foot deep to bed rock and in a mound of stones marked W.C. 3-1030 B.

(No bearings available)

927.9 To Cor No. 3, a point on the river bottom where a corner would soon be destroyed.

Feet This point is on the West side
line of Mill Site No 1 Survey
No. 1029 B. The Detroit Copper
Mining Company, owner
Thence S. $14^{\circ} 55' E$.

43. Waters edge right bank of river.
242.8 To Cor. No 4. at the mouth
of an Arroyo, also Cor No 4 Sur. 1029 B
A Witness post 4x4 inches by
4 ft long set 1 foot in the
ground and in a mound of
stones and earth marked $4/1030 B$
and $4/1029 B$ bears $N 60^{\circ} 11' E$ 74. ft
It being also witness to Cor No 4
Survey 1029 B.

Thence S. $60^{\circ} 11' W$
Along the South and left bank
of the river which is precipitous
and when it is impractical to
obtain intersections with river.

509.9 Intersect line 3-4 Lot No 59 at
South 1630.4 ft from Cor No 3.

927.9 To Cor No. 1. the place of
beginning.

Variation at all corners. $12^{\circ} E$.
This survey of the Number Two
Mill Site is identical with
the location

Containing total and net area
of 5.00 acres.

Conflict with Lot No 59
2.45 acres is not excluded.

Note. Mill Site No 2, is used
by the Detroit Copper Mining Company
in connection with four adjoining
Mill Sites as a reservoir for
the storage of water for use in
the smelter and concentrator
owned by the applicants herein
and which are situated on
one of their lode claims.

This water is essential to the profitable working of the mines. The improvements made by the applicants consist of a dam on Mill site No 3. A Mill race extending thence to a water wheel and pumping plant situated on Mill Site No 5. where the water is forced to the mines about five or six miles distant. The cost of said improvements is not less than \$25,000.

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 said mill sites is covered by water.

Location.

Survey No 1030 A. is situated in Copper Mountain Mining District Graham County Arizona. The Hudson Lode being about 1000 feet West of the town of Morenci and extending thence in North Westerly direction to the North West end of the Arizona Copper Company's Wagon road to the San Francisco Mine.

Mill Site No 2 Survey No 1030 B is situated on the San Francisco river about three miles below Clifton in said Copper Mountain Mining District Graham Co.

Arizona and the lower end of said claim is about 75 feet above the Dam owned by The Detroit Copper Mining Company. The township

in which these surveys are situated is not surveyed.

Expenditure of Five hundred dollars.

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 Cut on the Hudson Lode in rock and earth 56 ft long average width and depth 14 ft Centre of which bears from Cor No 1 $N. 80^{\circ} E$ 120 ft.
Value \$400.⁰⁰

At the centre of the above cut is a shaft 4x6 ft 50 ft deep in rock which bears (as above.)
Value \$450.⁰⁰

A shaft on Hudson Lode in rock 12 ft deep 4x6 ft. which bears from Cor No 1 $S 81^{\circ} E$ 400. ft.
Value \$100.⁰⁰

A Cut on Eccentric Lode. 10 ft face 12 ft floor $4\frac{1}{2}$ ft wide in earth and rock which bears from cor No. 7. $S. 3^{\circ} E$ 280 ft.
Value \$50.⁰⁰

A Tunnel on the Eccentric Lode 240 ft long 4x6 ft. section partly timbered in rock bears from Cor. No. 7 $S. 29^{\circ} W$ 370 ft. Course of tunnel $S 41^{\circ} W$.
Value \$2000.⁰⁰

There is much more work done in the above tunnel but inaccessible on account of a cave in the tunnel.

A tunnel on the Eccentric and Lone Star Lodes bears from Cor No 7 $S. 36^{\circ} W$ 465 ft. Length of tunnel

190 feet size 4x6 ft Course run.
S. 75° W in rock.
Value \$15-00⁰⁰

A tunnel on the Lone Star Lode
80 ft long run S. 62° W size 4x6 ft
the mouth of which bears from Cor
No 9. N 89° W. 625 ft. Material. rock.
Value \$650⁰⁰

An open cut on the Lone Star Lode
150 ft long 10 ft wide 30 ft high
in rock Course N 36° 40' E
South End bears from Cor No 10
N 20° E 100 ft.
Value \$2000⁰⁰

A shaft 56 ft deep 4x6 ft on
the Lone Star Lode bears from
cor No. 9. N 83° W 450 ft.
Value \$500⁰⁰

An open cut on the Butler Lode
in rock 14 ft long. 10 ft high 4 1/2 ft wide
bears from Cor No. 14 N 27° E 825 ft.
Value \$25⁰⁰

A Tunnel on the Butler Lode 25 ft
long 4x6 ft in rock. Course N. E.
bears from Cor No. 14. N 10° 30' E 520 ft.
Value \$225⁰⁰

A shaft on the Butler Lode 4 1/2 ft
by 10 ft by 18 ft deep in rock with
open cut from same extending South
22 ft 4x10 section. bears from
Cor No. 13. N. 3° E 610 ft.
Value \$325⁰⁰

A Tunnel on the Loudon Lode
50 ft long size 4x6 ft driven S 15° W.
in rock The mouth of which bears
from Cor No. 20. S 17° 30' W 548 ft.
Value \$450⁰⁰

A Tunnel on the Loudon Lode
40 ft long size 4x6 ft driven in rock.
S 20° W. The mouth of which bears
from Cor. No. 20. S. 6° 35' W 508 ft.
Value \$360⁰⁰

A tunnel on the Loudon Lode 60 ft long 4x6 ft in rock, driven S 18° W. The mouth of which bears from Cor No. 20, S. 3° E 600 feet. Value \$450⁰⁰

A tunnel on the Loudon lode, 4x6 ft. in rock whose mouth bears from Cor No 20 South 526 ft. and driven thence South 46 ft thence S. 38° W 37 ft. thence S. 46° W. 21 ft thence S. 18° W 42 ft thence S. 30° W 42 ft. Total 188 ft to breast. Value \$1700⁰⁰

An incline from the above tunnel heading at a point 83 ft from its mouth is driven N 60° W 80 ft to water. (Length to breast unknown) size 4x6 ft. in rock. Value \$720⁰⁰

A Stope along the East side of the last mentioned tunnel of about 1000 yards. Value \$1000⁰⁰

An incline on the Loudon Lode driven N 60° W 70 ft size 4x6 ft in rock. The mouth of which bears S. 1° E 761 ft from Cor. No. 20. Value \$625⁰⁰

An open cut on the Hoodoo Lode 20 ft long, 4 ft wide 12 ft deep which bears from Cor No 21, N 73° W 300 ft in rock. Value \$130⁰⁰

A shaft over 100 ft deep 4x6 ft on the Hoodoo Lode in rock which bears from cor No 24, S 44° 30' E 260 ft. Value \$1000⁰⁰

This Shaft is nearly full of water which prevented measuring more than the length of my tape 100 ft.

}

}

}

A tunnel on the Hoodoo Lode
97 ft long 4x6 ft. in rock whose
mouth bears from Cor No 24.
S. $37^{\circ} 45'$ E 330 ft. running thence
S. 16° E.

Value \$800⁰⁰

There is an incline driven S.W.
from a point 47 ft from the
mouth of above tunnel that I
could not measure as it is full
of water.

An open cut on Kupfer Lode 14 ft by
10 ft by 4½ ft. in rock and earth which
bears from Cor No 27 N 63° E
710. ft

Value \$50⁰⁰

An open cut on Kupfer Lode 50 ft
by 4 ft wide by 10 to 12 ft deep. in rock
The South end of which bears
from Cor No 27. N $52^{\circ} 45'$ E 450 ft
running thence N 30° E 50 ft.

Value \$400⁰⁰

A tunnel on the Kupfer Lode
4x6 ft 30 ft long. in rock. driven
N 40° E. The mouth of which
bears from Cor No 28. S 38° E
590. feet.

Value \$270⁰⁰

On the Hudson Eccentric and
Lone Star Lodes there is a rail-
road track of 20 inch gage and
about 3000. feet long that is
used to transport ore from
the claim. Said railroad being
built and owned by the Applicants.

Value \$3000⁰⁰

Total improvements by the
applicants on this survey. \$19,200.⁰⁰

Improvements by others.

An ore bin of the San Fran-
cisco mine belonging to the

Arizona Copper Company. bears
from Cor No 24. S. $12^{\circ} 38'$ W 127. ft -
value \$200⁰⁰

A wagon road from the
above bin in South East
direction $\frac{1}{4}$ mile
value \$5-00⁰⁰

There are no other improvements.

Instrument used.

This survey was made with
a Hurley Solar transit and a
100 ft. steel tape. Courses were
deflected from meridian determin-
ed by solar observations.

All courses and distances are
given as measured on the
ground and the principal
points were also checked
by triangulation.

Moranci Ariz.
Apr. 15th 1892

Geo. M. Robison
U S Deputy Min. Surveyor

Address of Applicant
The Detroit Copper Mining Co
Moranci
L. Sweeney
Agent.
Arizona

Affidavit of Five Hundred Dollars Improvements.



We, Gordon McLean and Alexander D McLean

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the
Hudson, Lone Star, Eccentric, Butler, Hoodoo, Kupper, and
Loudon Lodes mining claims, 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 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 McLean

Alexander D McLean

TERRITORY OF ARIZONA,
County of Graham } ss.

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

L. F. [Signature]
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 Two" 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: Partly covered by back water from a dam built on "Mill Site No. 3," owned by this Company, said water being pumped to the mines of this company to supply boilers, Smelter, Concentrator, &c. of the Company with water without which the mines could not be worked. 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 day of November A. D. 1891, and I hereby certify that the foregoing affidavit was read to the said Gordon McLean 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. Traissures
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 Hudson, Eccentric, Lone Star, Butler, Loudon, Hoodoo and Kupfer Lodes and the Number Two Mill site and showing the respective capacities in which they acted.

Bat. P. Leary, Chairman.

_____, Chairman.

_____, 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

Hudson, Eccentric, Lone Star, Butler, Loudon, Hoodoo, and Kupfer

Lodes and the Number Two 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}our 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

Bat. P. Leary, Chairman.

_____, Chairman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me

this 30th day of November, 1896.

L. P. Smith
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 Sept 23rd, 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 Hudsons Eccentric Lone Star Butler London Hoodoo and Kupfer Lodes and the Number Two Mill Site, situate in Copper Mountain Mining District, Graham County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1030 A and 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 16th
day of April, 1892.

J. Traissner
Notary Public

Copy

Hudson

2d-
86.

29

Location Notice

Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress approved May 10, 1872 has this day located and and claimed the following described Mineral bearing ground situate in the Copper Mountain Mining District Graham County Territory of Arizona and more particularly described as follows to wit: Commencing at this stake marked S. S. W. Cor No 1. said corner being also the South East Corner of the Thompson Mine a Patented Claim, thence N. $33^{\circ} 45' W$ a distance of 768' to a stake marked S. N. W. Cor No 2 said corner being on the South end line of the Arizona Central Mine a distance of 272' to a stake marked S. Cor. No 3. said corner being also the South East corner of the Arizona Central Mine, thence N. $82^{\circ} 37' W$ along the East side line of the said Arizona Central Mine a distance of 358' to a stake marked S. Cor. No 4, thence N $51^{\circ} 22' E$. a distance of 10' to a stake marked S. N. E. Cor No 5 said corner being also the North West corner of the Regulus Mine thence, South $33^{\circ} 45' E$ along the West side line of the said Regulus Claim a distance of 994' to a stake marked S. S. E. Cor No 6 said corner being on the North side line

of the Chalkos mine, thence S. 56° 15' W a distance of 416' to place of beginning. From stakes marked S. A. Cor No 6 the U. S. M. M. No. 14 C. M. & bears N 19° 20' E a distance of 962. this claim is bounded on the North by the Arizona Central & Triangle mines on the East by the Regulus & on the West by the Thompson & shall known as the Hudson Mine

Located this 20th day of April A. D. 1886

Witness George D. East, Wm Church, Locator
Records at 9:15 - A. M. April 28th 1886

request of Wm Church

Geo H. Stevens Recorder

By P. Michelena Deputy

Territory of Arizona
County of Graham

J. G. J. Dawdle County

Recorder in and for the County of Graham Territory of Arizona do hereby certify that the foregoing is a full true and complete copy of the Hudson Mine Certificate as appears on Record in Book 4 Record of mines on Page 208 Records of Graham County Territory of Arizona

Witness my hand and seal this the 22nd day of August A. D. 1891

J. G. J. Dawdle
County Recorder

Graham County
A. T.

Copy

Original location of

Hudson Mine



Notice of Relocation
 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 the 1st
 day of August 1891. relocated and
 claimed by right of discovery and
 location and does hereby claim by
 virtue of such right Eight hundred and
 Fifty five feet linear and horizontal
 measurement in length and Three
 hundred feet in width on each side
 of the middle of a certain 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
 in Mining District Graham
 County, Territory of Arizona And is
 bounded and described as follows
 to-wit:

Commencing at Cor No 1 from which U. S.
 Mineral Monument No 4 bears N 61° 56'
 E 1361.7 ft Thence N 41° 32' E 623.8 ft to
 Cor No 2 Thence S 32° 34' E 4627.5 ft to centre
 Stake 855 ft to Cor No 3 Thence S 41° 32' W
 623.8 ft to Cor No 4 Thence N 32° 34' W

W. Adams
 Relocation
 Certified Copy.

4275 ft to centre stake 855 ft to
Cor No 1 the place of beginning 300 ft
being North Westerly from Discovery
cut and 555 ft being South Easterly
from same.

Courses given from the true
Meridian the variation of needle
being 13° E to $14^{\circ} 50'$ E

The name of said Vein Ledge or Deposit
so relocated is the Hudson Mining
Claim or lode.

Discovered Apr 20th 1886.

Located Apr 20th 1886.

The Detroit Copper ^{Locators}
Mining Co of Arizona
Leon Robinson }
witness } I Swenny agt

Recorded Aug 7 1891 at 9 o'clock
A.M. at the request of I Swenny agt
H. J. Dawdle
County Recorder

Territory of Arizona
County of Graham

I H. J. Dawdle County
Recorder in and for the County of Graham
do hereby certify that the foregoing is a
full true and complete copy of the
Hudson Mining Certificate as appears
on Record in Book 7 Records of Mines
on Page 142 Records of Graham County
Arizona Territory

witness my hand and Seal this
the 25th day of August A.D. 1891
H. J. Dawdle
County Recorder
Graham Co A.T.

Copy.

33

Notice of Location

The undersigned under the provisions of the several acts of Congress relating to the development of the mineral resource of the United States hereby locate and claim the following described fractional claim situated in Copper Mountain Mining District Graham County Territory of Arizona & more particularly described as follows to-wit:

Commencing at this monument of stones being N. E. corner of the Thompson Mine, thence $S 33^{\circ} 45' W$ 188 feet to a monument of stones being also corner No 2 of the Hudson Mine thence $W 81^{\circ} 21' W$ along the South end line of the Arizona Central Mine a distance of 328 feet to a monument of stones being also the South West corner of said Arizona Central Mine, thence $N 8^{\circ} 39' W$ along the West side of said Arizona Central Mine 298 feet being also the S. E. corner of the Fairplay Mine thence $S 81^{\circ} 21' W$ along the South end line of said Fairplay Mine a distance of 344 feet to a monument of stones, thence $S 44^{\circ} 00' W$ along the E side line of the Lone Star Mine 1190 feet to a monument of stones being also the N. W. corner of the Thompson Mine thence $N 56^{\circ} 15' E$ along the North side line of said Thompson Mine 1500 feet to place of beginning.

This Claim shall be known as
the Eccentric Mine
Dated on the ground this 20th day of
September A.D. 1887

Witness
H. J. Saagel
Locator
Lauris Jantzen

Recorded at request of Wm Church
Nov 14th 1887 at 8 O'clock A.M.
P. Michelina
Recorder

By Geo H Stentner
Deputy

Territory of Arizona }
County of Graham } es.
J. M. J. 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 Eccentric Mine
as appears on record in Book 5
Record of Mines on Page 179 Records
of Graham County Arizona Territory

Witness my hand and
Seal this the 24th day of
August A.D. 1891
J. M. J. Dawdle
County Recorder
Graham County
Arizona

to the place of beginning Variation of ³⁶
needle $13^{\circ} 30' E$ to $15^{\circ} 15' E$ Courses being
given from the true meridian
1020 feet being Easterly and 254 ft
being Westerly from the discovery
cut.

The name of said Min. Ledge or Deposit
so located is the Eccentric Mining
Claim or lode.

Located September 20th 1889
Geo M Robinson } The Detroit Copper
witness Mining Co of Arizona
L. Sweeney agt } Locator

The original certificate of
this claim is Recorded in Book 5

Page 179 of the Graham County Arizona
records to which reference is hereby made
Recorded Aug 7. 1891 at 9 o'clock A.M.
at the request L. Sweeney. agt
G. J. Dawdle
County Recorder

Territory of Arizona ss.
County of Graham }

I G. J. Dawdle County
Recorder in and for the County of
Graham Territory of Arizona do hereby
Certify that the foregoing is a full true
and complete copy of the Eccentric-
Mining Certificate as appears on record
in Book 7 Record of Mines on Page 134
Records of Graham County Arizona Territory
Witness my hand and Seal this the
25th day of August A.D. 1891
G. J. Dawdle
County Recorder
Graham County
A.T.

Eccentric
Relocation
Certified Copy.

Notice of Location
Long Star Mine

The undersigned having complied with the requirements of the several Acts of Congress relating to the development of the mining resources of the United States have this day located fifteen hundred feet in length on this lode vein or deposit of Copper bearing ore or other rock in place with three hundred feet on each side for mining purposes this claim is situated in Copper Mountain Mining District in the County of Graham and Territory of Arizona, and shall be known as the "Long Star" Mine the locations and bounds being marked and described as follows to wit:

Commencing at this monument and notice erected by the side of a tunnel about 6 feet deep running thence 100 feet in about a S.W. direction along the lode or vein to a monument of stone which defines the center of S.W. end of Claim and from the said initial monument and notice in a N.E. direction 500 feet to a monument of stone which defines the center of N.E. end of Claim. Corner monuments are

erected each 300 feet distant (at
Right angles) from the two center end
monuments This claim lies West of
the Thompson mine and about $\frac{1}{2}$
mile distant in a S.W. direction from
the Longfellow mine The initial
monument (upon which this notice is
posted) lies about 600 yards distant
in a S.W. direction from the Arizona
Central Mine (patented)

Dated on the ground ground this 3rd
day of Jan'y 1882

John M. Moore
Luis Smedbeck

at test

Locutors

Saml J. Frensdenthal

Copper Mountain Mining District

Territory of Arizona

County of Graham

I hereby certify that the
foregoing notice of location of
"The Star" mine was filed for
record in my office Jan'y 12th 1882
at 10 A.M. and duly Recorded at
folio 11 of Book "C" of Records of
said district

Saml J. Frensdenthal
Recorder

Recorded at the request of S. J. Frensdenthal
- that Jan'y 18th 1882 at 10 min past
11 o'clock A.M.

Wm. J. Clarke, Recorder

By L. Foye Deputy

Territory of Arizona ss.
County of Graham

L. H. J. Darrall 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
Stone Store Mining Certificate as
appears on Record in Book & Record
of Mines on Page 879 Records of
Graham County Arizona
Territory

Witness my hand and
Seal this the 28th day of
August A.D. 1881

L. H. J. Darrall
County Recorder
Graham Co. A.T.

Copy
Original Location of
Lord Star Mine

Copy

Notice of Amended Location
Territory of Arizona }
County of Graham } 33.

Know all men by these presents that
The Detroit Copper Mining Company
of Arizona the undersigned Corporation
of the United States does this the 1st day
of August 1891 amend the location
certificate and claim by right of
discovery and location and does hereby
claim by virtue of such right. Traverses
hundred and seventy four feet linear
and horizontal measurement in length
and three hundred feet in width on
each side of the middle of a certain
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 Banded and
described as follows to-wit:
Commencing at Cor No 1 from which
U.S. Mineral Monument No 4 bears
N 62° 15' E 1872.6 ft. Thence S 62° 40' W 737 ft
to centre stake 1474 ft to Cor No 2 Thence N
20° W 600 ft to Cor No 3 Thence N E 2° 40' E 737 ft
to centre stake 1474 ft to Cor No 4. Thence
S 30° E 600 ft to the place of beginning

Done this
Amended.
Cert. Ad. Copy.

each corner is marked by a stake in
a mound of stones Variation 12° E
to 15° 20° E Courses being given
from true meridian 600 ft of
this claim lies Northeastly and
874 ft South Westerly from Mouth of
Discovery tunnel.

This claim lies West of the Eccentric Lode
and conflicts somewhat with it The
Conflict belonging to the Eccentric Lode
The name of said vein Ledge or Deposit
so located is the Lone Star Mining
Claim or lode

Located Jan 2nd 1882
The Detroit Copper Mining
Co of Arizona } Locators
L Dweany agt

Geo W Robinson }
Witness }

Recorded Aug 7. 1891 at 9 o'clock A.M
at the request of L Dweany agt
H. J. D. Dwyer
County Recorder

Territory of Arizona }
County of Graham }
J. H. J. Dwyer County

Recorder in and for the County of Graham
do hereby Certify that the foregoing is a
full true and complete Copy of the
Lone Star Mining Certificate as appears
on in Book 7 Record of Mines on Page
142 Records of Graham County Arizona
Witness my hand and Seal this
the 25th day of August 1891

J. H. J. Dwyer
County Recorder

Copy

42

Notice of Location

Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress approved May 10th 1872 has this day located and claim 1500 hundred linear feet along the course of this lead lode or vein of mineral bearing quartz 300 feet in width on each side of the middle of said lead lode or vein situate in the Copper Mountain Mining District County of Graham Arizona and more particularly described as follows, to-wit:

Commencing at this monument of stones being the center of the North East end of the claim, and upon which this notice is posted, thence North 300 feet to a monument of stones, thence South West 1500 feet to a monument of stones, thence South 300 feet to a monument of stones being the center of the South West end of claim; thence South 300 feet to a monument of stones; thence North East 1500 feet to a monument of stones; thence North 300 feet to the place of beginning. This claim runs parallel with the Fairplay Mine (pat.) on the west side and shall be known as the Butte Mine Located March 24th 1887

Witness
Jose Bernal

Louis Jantzen

John Cornwell

Recorded on receipt at 9 o'clock A.M. April 1st 1887 at the request of Louis - Jantzen

P. Michelena

County Recorder

Territory of Arizona
County of Graham

I G. J. Darrell County
Recorder in and for the County of
Graham Territory of Arizona do hereby
certify that the foregoing is a true and
complete copy of the Butter Mining
Certificate as appears on Record in Book
4 Record of Mines on Page 891 Record of
Graham County Arizona Territory

Witness my hand and
Seal this 26th day of
August A.D. 1891

G. J. Darrell
County Recorder
Graham County
A.T.

Copy
of the
Original location of
Butter Mine

Copy

44

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 does this the 1st
day of August 1891 amend the location
notice and claim by right of discovery
and location, and does hereby claim
by virtue of such right, Fifteen
hundred and fifty three feet, linear
and horizontal measurement in
length, and three hundred feet in
width on each side of the middle of a
certain 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 from which
U. S. Mineral Monument No 4 bears
S 88° 34' E 2689.8 ft Thence N 5° 56' E
724.5 ft to centre stake 1453 ft to Cor No 2
Thence S 84° 45' E 600 ft to Cor No 3
Thence S 5° 56' W 724.5 ft to centre stake

145.2 ft to cor No 4 Thence $84^{\circ} 45'$ W. 600 ft
to the place of beginning all courses being
given from the true Meridian and
with magnetic Variation from $13^{\circ} E$ to $15^{\circ} E$
Corners are marked by stake and mound of
stones - 600 ft being southerly and 95.5 ft
Northerly from Discovery Cut This claim
lies West of the Fairplay patented claim
and adjoining it and East of the Cuprum
Lode and adjoining that.

The name of said vein, ledge or deposit
so located is the Butter Mining
Claim or Lode.

Located March 24th 1887

Recorded originally in book 4 Page 291 of
Graham County Arizona records to which
reference is hereby made

The Detroit Copper Mining
Co. of Arizona } Operators
L. Sweeney } Agt

Geo M Robinson, witness

Recorded Aug 7, 1891 at 9 A M at the
request of L. Sweeney

H. J. Dardelle
County Recorder

Territory of Arizona
County of Graham

H. J. Dardelle County
Recorder in and for the County of
Graham Territory of Arizona do
hereby certify that the foregoing
is a full true and complete copy

of the Butler Mining Certificate
as appears on record in Book 7
Record of Mines on Page 135 Records
of Graham County Arizona Territory

Witness my hand and
Seal this the 25th day of
August A.D. 1891

H. J. Dowd
County Recorder
Graham County
Arizona Territory

London 6th No

Butler
Amended.
Certfd. Copy.

Copy

[Faint, illegible handwritten text, possibly bleed-through from the reverse side]

Location Notice Copy ^{London} 47

London Mine

Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress approved May 10th 1872 have this day located and claimed 1500 hundred linear feet along the course of this lead lode or vein of mineral bearing quartz and 200 feet in width on each side of the middle of said lode or vein situate in Copper Mountain Mining District County of Graham and Territory of Arizona and more particularly described as follows to-wit:

Commencing at this monument of stones being the center of the Southern end of claim and upon which this notice is posted thence South West 300 feet to a monument of stones, thence Northerly 1500 feet to a monument of stones, thence N. Easterly 300 feet to a monument of stones being the center of the Northerly end of claim, thence 300 feet North East to a monument of stones, thence 1500 feet Southerly to a monument of stones, thence 300 feet South West to a monument of stones and place of beginning. This claim is a relocation of a claim known as the Gulch Mc Clellan Mine for non compliance with the requirements of the Mining laws and is situated about one

185

Mill North West from Morenci and
Joining on the East with the Liverpool
Mine running parallel with it,
and shall be known as the London
Mine

Dated on the ground this 13th day
of December 1886

witness
Geo. McCormick Pablo Sabido
 Ignacio Campbell
 Wm R. McCormick
 J. Campbell.

I hereby certify that this is a true and
correct copy of the London Mine as it is
Recorded on Page 65 of Book 2 of
records of Copper Mountain Mining
District Graham County Arizona
Sig. W. H. Diet Reader

Filed and recorded at the request of
W. Church at 2 o'clock P. M. September
12th 1887

P. Micheleno
Co. Recorder

Territory of Arizona }
County of Graham } ss.

I H. J. Darvold 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
London Mine as appears on Record
in Book 5 Record of Mines on Page 44
Records of Graham County Arizona

In witness whereof I
have hereunto set my
hand and seal this the
28th day of August A.D. 1891
H. L. Darvill
County Recorder
Graham County
Arizona

11

Copy
of
Original document of
London Mine

[Faint, illegible handwritten text in cursive script, likely bleed-through from the reverse side of the page. The text is arranged in several vertical columns.]

1500 ft to Cor No 3 a pine post Thence
N 76° 45' E 600 ft to Cor No 4 a pine post
Thence S 13° 15' E 750 ft to Centre stake
1500 ft to Cor No 1 the place of beginning,
480 ft being Northwly and 1020 Sauthwly
from point of discovery. Solar courses
being in each case given Variation of
needle being from 12° 30' E to 14° 30' E.
The name of said Vein, Ledge or Deposit
so located is the London Mining
claim or lode.

Located December 13th 1884

Geo M Robinson

Witness

The Detroit Copper
Mining Co of Arizona
L. Sabeny agt Locators

Original record in Book 5-

Page 44 Graham County Arizona records
to which reference is hereby made

Recorded Aug 7, 1891 at 9 o'clock

A M at the request of L. Sabeny agt

H. J. Dowdle

Co Recorder

Territory of Arizona

County of Graham

H. J. Dowdle County Recorder
in and for the County of Graham Territory
of Arizona do hereby Certify that the
foregoing is a full true and complete
Copy of the London Mining Certificate
as appears on Record in Book 7 Record of
Mines on Page 140 Record of Graham
County Arizona

Witness my hand and Seal
this the 25th day of
August A.D. 1891

G. J. Dowell
County Recorder
Pickens County
S.C.

Notice of Location
notice is hereby given that the undersigned
in compliance with the requirements of the
Mining Act of Congress approved
May 10th 1872 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. Situate ~~in~~ the Copper Mountain
Mining District County of Graham
Arizona and more particularly
described as follows to-wit:
Commencing at this Monument of
Stones being the Center of the North
Easterly end of the claim and upon
which this notice is posted, thence
North Three hundred feet to a monu-
ment of stones; thence South Westerly
1500 feet to a Monument of stones;
thence South Three hundred feet to a
Monument of stones being the center
of the South Westerly end of claim,
thence South Three hundred feet to a
Monument of stones; thence North Easterly
1500 feet to a monument of stones;
thence North 200 feet to place of beginni-
ng. This claim is situated about one
half mile North of the Ryerson
mine and about 1000 feet West of the
Liverpool mine and shall be

Known as the Hoodoo Mine
Located on the 13th day of
Oct. 1886

witness Locators, Louis Jantzen
Manuel Slosano Mike Shay

Recorded at request of L Jantzen Dec 4th
1886 at 4 O.C. P.M.

Geo. H. Sturum
Recorder

Territory of Arizona ss.
County of Graham

I G. J. Durdall County
Recorder in and for the County of
Graham Territory of Arizona do
hereby certify that the foregoing is a
full true and complete copy of the
Hoodoo Mining Certificate as appears
on Record in Book 4 Record of Mines
on Page 246-247 Records of Graham
County Arizona Territory

Witness my hand and
Seal this the 26th day of
August A.D. 1891

G. J. Durdall
County Recorder
Graham County
A.T.

Copy
Original location of
Hoodoo Mine

Copy

55

Notice of amended Location

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

Know all men by these presents that the Denver Copper Mining Company of Arizona, the undersigned Corporation of the United States do on this the 1st day August 1891, amend the location notice and claim by right of discovery and location and do hereby claim by virtue of such right Fourteen hundred twenty two $\frac{1}{2}$ feet, linear and horizontal measurement in length and three hundred feet in width on each side of the middle of a certain lode, vein ledge or deposit, along the course of the same, with its spurs, tips 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 from which the North west Cor of the London lode bears $N 58^{\circ} 52' W$ 448.3 ft. running thence $S 19^{\circ} 40' W$ 771.2

ft to a stake 1422, 4 ft to Cor No 2 from 56
 which U S Mineral Monument No 4
 bears S 64° 3' E 3133.2 ft. Thence N 71°
 W 600 ft to Cor No 3, Thence N 19° 40'
 E 711.2 ft to a stake 1422, 4 ft to Cor No 4
 Thence S 71° E 600 ft to Cor No 1 the place
 of beginning. Solar courses being
 given in each case variation
 of needle from 12° 30' E to 14° 30' E - 10 ft
 running westerly and 14 12, 4 ft
 southerly from point of discovery.
 The name of said vein ledge
 or deposit so located is the
 Hoodoo Mining claim or lode,
 discovered October 13th 1886,
 Located 13th 1886.

Recorded in Book 4
 Page 47 Graham
 County records
 Geo M Robison Witness

The Detroit Copper Mining Co
 L Jerring Agt
 Locators

Recorded Aug 4. 1891 at 9 o'clock A.M.
 at the request of L. D. Swindle, Agt

L. J. Swindle
 Territory of Arizona, County Recorder
 County of Graham) ss.

I L. J. Swindle County Recorder in and
 for the County of Graham Arizona Territory
 do hereby certify that the foregoing is a true full
 and complete copy of the Hoodoo Mining Certifi-
 -cate as appears on record in Book 7 Record
 of Mines on Page 137 Records of Graham County
 Arizona Territory

Witness my hand and seal this the 25th
 day of August A.D. 1891

L. J. Swindle
 County Recorder
 Graham Co Arizona

Hoodoo.
 amended.
 Certified Copy

Copy

57

Kupper
Vol. 7
1862

Notice is hereby given that the undersigned having complied with the requirements of Chapter 6 Title 2 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 State of Arizona and more particularly described as follows to-wit:

Commencing at this monument of stones being the center of the South end of claim and upon which this notice is posted thence $N 68^{\circ} W 300$ feet to a monument of stones thence $N 22^{\circ} E 1500$ feet to a monument of stones; thence $S 62^{\circ} E 300$ feet to a monument of stones being the center of the North end of claim; thence $S 68^{\circ} E 300$ feet to a monument of stones thence $S 22^{\circ} W 1500$ feet to a monument of stones thence $N 68^{\circ} W 300$ feet to place of beginning.

This claim was formerly known as the Pilar de Cochas Mine is situated about one mile West of the Town of

Copy

Original location of

Supper Room

Money and interests the West
 of the and interest - mine and
 shall be known as the King
 mine
 created for in 1890
 Gordon McGowan
 at 1000
 Recorded at 80m Jan 10, 1890 request of
 J. J. Emery
 J. J. Emery Recorder
 Dr and M. D. M. & J. J.
 Secretary of Oregon
 County of Jackson
 Recorder in and for the County of
 Oregon Division of Oregon as
 hereby certify that the foregoing is
 a true and correct copy of the
 King's mine as appear checked in
 Book & Record of mine on Page 288
 Record of Jackson County Oregon
 of mine history of mine
 set on the 28th day of
 King's mine
 County Recorder
 Jackson County

Notice of Amended Location
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 does this the 1st day of August 1891, amend the location notice and 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 a certain 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 Beginning at Cor No. 1. a post from which U.S. Mineral Monument No 4 bears $S 56^{\circ} 41' E$ 3765.6 ft. Thence $S 37^{\circ} 19' W$ 750 feet to a stake 1500 ft. to Cor No 2. Thence $N 75^{\circ} 26' W$ 650.6 ft to Cor No 3. Thence $N 37^{\circ} 19' E$ 750 ft to a stake 1500 ft to Cor No 4. Thence $S 75^{\circ} 26' E$ 650.6 ft to Cor No 1 the place of beginning

all courses given from true Meridian⁶⁰
Variation of needle being 13° E to 14° 30' E. all
corners marked by posts in a mound of
stones, 520 ft being Southerly and 980 ft
Northerly from Discovery cut.

The name of said vein, ledge or deposit so
located is the Kupper mining claim
or lode.

Located Jan 1st ~~1889~~ 1890

Original record Book 6 Page 288

Graham County Arizona records

The Detroit Copper Mining
Co of Arizona (Locators
L Swelley, Agt)

Geo H Robinson Witnesses

Recorded Aug 7, 1891 at 9 A.M. at the
request of L Swelley, Agt

L. J. Dawdle
County Recorder

Territory of Arizona } ss.

County of Graham }

I L. J. Dawdle County
Recorder in and for the County of
Graham Territory of Arizona do hereby
certify that the foregoing is a true and
complete copy of the Kupper Mining
Certificate as appears on record in
Book 7 Record of Mines on Page 141

Record of Graham County, Arizona

Witness my hand and seal this
25th day of August A.D. 1891

L. J. Dawdle

County Recorder
Graham County A.T.

Kupper
Amended.
Certified Copy.

Territory of Arizona }
 County of Graham } S.S.

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
 said Company has a valid right to the
 occupation possession and enjoyment 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 $N 44^{\circ} 29' W$
 1620.5 feet Thence $N 14^{\circ} 55' W$ 222.8 ft to Cor
 No 2. Thence $N 60^{\circ} 11' E$ 927.9 ft to Cor No 3
 Thence $S 14^{\circ} 55' E$ 222.8 ft to Cor No 4
 Thence $S 60^{\circ} 11' W$ 927.9 ft. to Cor No. 1
 the place of beginning containing five
 Acres of ground together with all and
 singular the hereditaments and
 appurtenance thereunto belonging
 or in any wise appertaining.

The name of said claim or parcel
 of ground shall be The Number Two
 Mill Site. Located Sept 8th 1891
 Magnetic Variation 12° East.

Witness } The Detroit Copper
 Geo M Robison } Mining Co of Arizona
 by L Sweeney Agt
 Recorded at the request of L. Sweeney

Sept 16. 1891 at 9 o'c A M

H. J. Davdle
County Recorder

Territory of Arizona }
County of Graham } ss.

I H. J. Davdle 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
Two Mill Site as appears on Record
in Book One of Mill Sites on Pages
101 and 102 Records of Graham County
Arizona

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

H. J. Davdle
County Recorder
Graham County
Arizona

Copy
of

Mill Site Number Two

(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,

Mesaon, Arizona

July 13th, 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 Hudson - Eccentric - Lone Star - Butler - London - Hoodoo and Kupfer Lodes; and The Number Two Mill-site;

situate in Copper Mountain mining district,

Yavapai County, Arizona

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

and _____, designated as Survey No. 1030. A & B.

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

Surveyor, October 30th to Nov 30th, 1891, under my instructions dated

September 23rd, 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. _____

Rufus Johnson

U. S. Surveyor General for Arizona

o 6-162

(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,

Mesaon, Arizona

July 13th, 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 Hudson - Eccentric - Lone Star - Butler -

London - Hoodoo and Kupfer Lodes; and The Number Two Mill-site;

situate in Copper Mountain mining district,

Graham County, Arizona

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

and _____, designated as Survey No. 1030. A & B.

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

Surveyor, October 30th to Nov 30th, 1891, under my instructions dated

September 23rd, 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.

Rapoc Johnson

U. S. Surveyor General for Arizona

o G-162

SURVEY NO. 1030 A AND B - LOT NO. - GILA LAND DISTRICT.

PLAT OF THE CLAIM OF

THE DETROIT COPPER MINING COMPANY OF ARIZONA,

COMPRISING THE

"HUDSON," "ECCENTRIC," "LONE STAR," "BUTLER," "LONDON," "HOODOO" AND "KUPFER" LODES,
AND "NUMBER TWO" MILL SITE.

COPPER MOUNTAIN MINING DISTRICT - - - - - GRAHAM COUNTY, ARIZONA.

SURVEYED UNDER INSTRUCTIONS DATED SEPT. 23RD 1891 BY GEO. M. ROBISON U.S. DEP. MIN. SURVEYOR,
SURVEY COMMENCED OCT 30TH 1891 AND COMPLETED NOV. 30TH 1891

AREA } LODES 118.487 ACRES NET,
 } MILL SITE 5.00 ACRES NET.

SCALE 500 FEET TO 1 INCH.

