

4-683

MINERAL SURVEY No. 3602

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Magma Chief Copper Company

KNOWN AS THE

KIN SABIE, AUDACIOUS, GRANITE BOULDER, TUESDAY, SUNDAY, HOT FOOT JOHNY, BUTTE, and WEDGE Lodes

Bunker Hill Mining District,

Pinal County, Arizona.

Sections 15-22, Township 8 South, Range 18 East Uns.

Surveyed under instructions dated July 1st., 1919.

by Harry E. Jones, U. S. Mineral Surveyor.

Claim located See location notices., 19

Survey commenced July 6th., 1919.

Survey completed July 14th., 1919.

Address of claimant John H. Page & Co. Box 117, Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

See location notices.

MINERAL SURVEY NO. 3602

Claims	M & B Desc.	Improvements	Loc. Notices
	Pg.	Pg.	<u>Red Pg.</u>
Audacious	3	15	4
Butte	12	19	14
Granite Boulder	9	18	6
Hot Foot Johnny	5	17	12
Kin Sabie	1	15	2
Sunday	6	18	10
Tuesday	8	18	8
Wedge	10	18	16

Feet

KIN SABLE Lode

Beginning at Cor. No. 1

Identical with location monument, and Cor.1 Bagdad lode Sur.No.3601; on line 1-2 Sunday lode this survey.

A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3602-KS-1-3601-B-1; set 18ins. in ground and surrounded with a substantial mound of earth and rock.

U.S.L.M.No.3272, bears N.14° 47' W. 923.04 ft.

Cor.2 Sunday lode, identical with Cor.1 Hot Foot Johny lode both of this survey bears S.23°28'W. 77.0 ft.

No other suitable bearings available.

Thence S. 73° 57' E.

Along line 1-4 Bagdad lode Sur.No.3601.

290.00 Intersect Wit.South End Center Bagdad lode Sur.No.3601.

293.00 South bank of Creek, course NW.

330.00 North bank of Creek, course NW.

560.00 Intersect a double tent house each 12x14 ft.

600.00 Intersect Cor.4 Bagdad lode, identical with Cor.1 Comet lode, both of Sur.No.3601.

Along line 1-4 Comet lode, Sur.No.3601.

743.20 Intersect line 1-2 Gulch Copper lode, Sur.No.3272, whence Cor.2 bears S.56°59'E. 270.04 ft.

776.83 Intersect line 1-2 Grand Duke lode, Sur.No.3272, whence Cor.2 bears S.28°12'W. 119.28 ft.

880.00 North bank of Creek, course SW.

895.00 South bank of Creek, course SW.

900.00 Intersect South End Center of Comet lode, Sur.No.3601.

1027.31 Intersect line 2-3 Gulch Copper lode, Sur.No.3272, whence Cor.2 bears S.34°12'W. 82.93 ft.

1200.00 Intersect Cor.4 Comet lode, identical with Cor.1 Lookout lode, both of Sur.No.3601; whence Cor.2 Gulch Copper lode Sur.No.3272, bears S.84°24'W. 213.59 ft.

Along line 1-4 Lookout lode Sur.No.3601.

1500.00 To Cor. No. 2

Identical with location monument, and South End Center of Lookout lode, Sur.No.3601, and West End Center Tuxedo lode Uns.

- Feet A 3ft. $\frac{1}{2}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-KS-2-3601-SEC-L; set 18ins. in ground and surrounded with a substantial mound of earth and rock.
- Cor. 2 Grand Duke lode, Sur. No. 3272, bears N. 82° 48' W. 757.30ft. No other suitable bearings available.
- Thence S. 23° 28' W.
- Along West end line Tuxedo lode Uns.
- 272.32 Intersect line 2-3 Grand Duke lode, Sur. No. 3272, whence Cor. 2 bears N. 61° 48' W. 729.47 ft.
- 300.00 Point for east Center.
- 311.20 To Wit. East End Center.
- Identical with location monument, a substantial mound of stone.
- 328.67 Intersect SW. corner Tuxedo lode Uns. and N. side line Prince Albert lode Uns. whence the NW. cor. bears N. 79° 43' W. 161.27 ft.
- 600.00 To Cor. No. 3
- Identical with location monument.
- A 3ft. $\frac{1}{2}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-KS-3; set 18ins. in ground and surrounded with a substantial mound of earth and rock.
- NW. cor Prince Albert lode Uns. bears N. 10° 20' W. 282.26 ft.
- Cor. 2 Audacious lode this survey bears N. 12° 56' W. 264.61ft. No other suitable bearings available.
- Thence N. 73° 57' W.
- 158.33 Intersect line 2-3 Audacious lode this survey, whence Cor. 2 bears N. 23° 28' E. 233.44 ft. Also intersect West end line Prince Albert lode, uns. whence N.W. Cor. bears N. 23° 28' E. 255.02
- 1210.00 Cross center of road course NE. and SW. ft.
- 1500.00 To Cor. No. 4
- Identical with location monument, and on line 4-1 Audacious lode, and line 1-2 Hot Foot Johny lode, both of this survey.
- A 3ft. $\frac{1}{2}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-KS-4; set 18ins. in ground and surrounded with a substantial mound of earth and rock.
- No suitable bearings available.
- Thence N. 23° 28' E.
- Along line 4-1 Audacious lode, and line 2-1 Hot Foot Johny lode, both of this survey.

- Feet
- 112.09 Intersect Cor.1 Audacious lode this survey.
- 223.00 Intersect East End Center Hot Foot Johnny lode this survey.
- 300.00 To West End Center.
- Identical with location monument a substantial mound of stone.
- 523.00 Intersect Cor.1 Hot Foot Johnny lode, identical with Cor.2 Sunday lode, both of this survey.
- 600.00 To Cor. No. 1 the place of beginning.

AUDACIOUS Lode

Beginning at Cor. No. 1

Identical with location monument, on line 4-1 Kin Sabie lode and line 1-2 Hot Foot Johnny lode, both of this survey.

A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3602-A-1;set 18ins. in ground and surrounded with a substantial mound of earth and rock.

Cor.1 Copper Reef lode Sur.No.3351, bears S.39°03'W. 157.37 ft.
 U.S.L.M.No.3272 bears N.1°46'W. 1340.67 ft.

No other suitable bearings available.

Thence S. 79° 01' E.

335.00 Cross center of road course NE. and SW.

1362.65 To Cor. No. 2

Identical with location monument; on W. end line Prince Albert lode Uns. whence the NW. cor bears N.23°29'E.21.58ft.

A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3602-A-2; set 18ins. in ground and surrounded with a substantial mound of earth and rock.

Cor.3 Kin Sabie lode this survey bears S.12°56'E. 264.61 ft.

No other suitable bearings available.

Thence S. 23° 28' W.

Along W. end line Prince Albert lode Uns.

233.44 Intersect line 3-4 Kin Sabie lode this survey, whence Cor. 3 bears S.73°57'E. 158.33 ft.

272.05 To East End Center

Identical with loc. monument, and W. end center Prince Albert lode Uns. a substantial mound of stone.

- Feet
- 453.14 Intersect line 4-1 Copper Reef lode, Sur.No.3351, whence Cor.4 bears S.66°14'E. 91.47 ft.
- 578.42 Intersect SW.cor.Prince Albert lode Uns. on line 1-2 Battle Axe lode, Sur.No.3409, whence Cor.2 bears S79°43'E. 37.59ft.
- 581.13 To Cor. No. 3
Identical with location monument.
A 3 ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3602-A-3; set 18ins. in ground and surrounded with a substantial mound of earth and rock.
Cor.4 Copper Reef lode, Sur.No.3351, bears N.59°07'E. 156.92 ft.
Cor.2 Battle Axe lode, Sur.No.3409, bears S.83°40'E. 38.30ft.
No other suitable bearings available.
Thence N. 80° 27' W.
- 1058.00 Cross center of road, course N. and S.
- 1370.70 To Cor. No. 4
Identical with location monument.
A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3602-A-4; set 18ins. in ground and surrounded with a substantial mound of earth and rock.
Cor.1 Battle Axe lode, Sur.NO.3409, bears N.67°29'W. 93.14 ft.
No other suitable bearings available.
Thence N. 23° 28' E.
- 20.31 Intersect line 1-2 Battle Axe, lode Sur.No.3409, whence Cor.1 bears N.79°43'W. 95.65 ft. and Cor. bears S.79°43'E. 1404.18 ft.
- 300.00 To Wit. West End Center.
A substantial mound of stone, whence the loc. mon. bears N.23°28'E. 9.08 ft.
- 309.08 Point for West end center.
- 310.00 South bank of Creek, course SW.
- 427.30 Intersect Cor.2 Hot Foot Johny lode this survey.
Along line 2-1 Hot Foot Johny lode this survey.
- 447.30 North bank of Creek, course SE.
- 464.59 Intersect line 4-1 Copper Reef lode, Sur.No.3351, whence Cor.1 bears N.66°14'W. 42.30 ft. And Cor.2 bears S.66°14'E. 1421.95 ft.
- 504.30 Intersect Cor.4 Kin Sabie lode this survey.
Along line 4-1 Kin Sabie lode this survey.
- 616.39 To Cor. No. 1 the place of beginning.

Feet	HOT FOOT JOHNY Lode
	Beginning at Cor. No. 1
	Identical with location monument, and Cor. 2 Sunday lode this survey; on line 4-1 Kin Sabie lode this survey.
	A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-HFJ-1-S-2; set 18ins. in ground and surrounded with a substantial mound of earth and rock.
	U.S.L.M. No. 3272 bears N. 12° 01' W. 984.66 ft.
	Cor. 1 Kin Sabie lode this survey, identical with Cor. 1 Bagdad lode Sur. No. 3601, bears N. 23° 28' E. 77.0 ft.
	No other suitable bearings available.
	Thence S. 23° 28' W.
	Along line 1-4 Kin Sabie lode this survey.
223.00	Intersect West End Center Kin Sabie lode this survey.
300.00	To East End Center
	Identical with loc. mon. a substantial mound of stone.
410.91	Intersect Cor. 1 Audacious lode this survey.
	Along line 1-4 Audacious lode this survey.
523.00	Intersect Cor. 4 Kin Sabie lode this survey.
562.71	Intersect line 4-1 Copper Reef lode, Sur. No. 3351, whence Cor. 1 bears N. 66° 14' W. 42.30 ft.
580.00	North bank of Creek, course SE.
600.00	To Cor. No. 2
	Identical with location monument.
	A 1ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-HFJ-2; set 8ins. in rock in place with a substantial mound of stone alongside.
	Cor. 1 Copper Reef lode, Sur. No. 3351, bears N. 24° 58' W. 56.53 ft.
	No other suitable bearings available.
	Thence N. 66° 09' W.
22.00	West bank of Creek, course SE.
42.50	Intersect line 1-2 Copper Reef lode, Sur. No. 3351, whence Cor. 1 bears N. 23° 47' E. 37.22 ft.
68.07	Intersect Cor. 1 Copper Reef No. 2 lode, Sur. No. 3522, Along line 1-4 Copper Reef No. 2 lode Sur. No. 3522.

Feet

1500.00 To Cor. No. 3

Identical with location monument, and Cor.2 Wedge lode this survey.

A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3602-HFJ-3-W-2; set 18ins. in ground and surrounded with a substantial mound of earth and rock.

Cor.4 Copper Reef No.2 lode, Sur.No.3522, bears N.66°09'W. 70.92 ft. No other suitable bearings available.

Thence N. 23° 28' E.

Along line 2-1 Wedge lode this survey.

299.25 To West End Center.

Identical with loc.mon. a substantial mound of stone.

599.25 To Cor. No. 4

Identical with location monument, and Cor.3 Sunday lode this survey.

A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3602-HFJ-4-S-3; set 18ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.

Thence S. 66° 11' E.

Along line 3-2 Sunday lode this survey.

1410.00 West bank of Creek; course S.

1430.00 East bank of Creek, course S.

1500.00 To Cor. No.1 the place of beginning.

SUNDAY Lode

Beginning at Cor. No. 1

Identical with location monument, and Cor.1 Tuesday lode this survey; on line 1-2 Bagdad lode Sur.No.3601.

A 3 ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3602-S-1-T-1; set 8ins. in rock in place and surrounded with a substantial mound of earth and rock.

U.S.L.M. No. 3272, bears N.47°05'W. 606.08 ft.

No other suitable bearings available.

Feet Thence S. 23° 28' W.
 Along line 2-1 Bagdad lode, Sur.No.3601.
 300.00 To East End Center.
 Identical with loc.mon. a substantial mound of stone.
 475.00 North bank of Creek, course W.
 497.00 South bank of Creek, course W.
 523.00 Intersect Cor.1 Bagdad lode, Sur.No.3601, identical with
 Cor.1 Kin Sabie lode this survey.
 600.00 To Cor. No. 2
 Identical with location monument, and Cor.1 Hot Foot Johny
 lode, this survey previously described.
 Thence N. 66° 11' W.
 Along line 1-4 Hot Foot Johny lode this survey.
 70.00 East bank of Creek, course S.
 90.00 West bank of Creek, course S.
 1500.00 To Cor. No. 3
 Identical with location monument, and Cor.4 Hot Foot Johny
 lode this survey previously described.
 On line 1-2 Wedge lode this survey.
 Thence N. 23° 28' E.
 Along line 2-1 Wedge lode this survey.
 149.55 Intersect Cor.1 Wedge lode, on line 1-2 Butte lode both of
 this survey; whence Cor.1 Butte lode, bears N.88°09'E.
 545.99 ft.
 300.00 To West End Center.
 Identical with loc.mon. a substantial mound of stone.
 600.00 To Cor. No. 4.
 Identical with location monument.
 A 3ft.³/₄in. iron pipe with a 2in. round screw brass cap
 marked U.S.MINERAL SURVEY NO.3602-S-4; set 18ins.in ground
 and surrounded with a substantial mound of earth and rock.
 Cor.1 Butte lode this survey bears S.42°48'E. 539.14 ft.
 Cor.4 Butte lode this survey bears N.47°18'E. 264.59 ft.
 No other suitable bearings available.
 Thence S. 66° 11' E.
 106.92 Intersect Cor.2 Tuesday lode this survey.
 Along line 2-1 Tuesday lode this survey.

Feet
 312.10 Intersect line 4-1 Butte lode this survey, whence Cor.1
 bears S.16° 36' E. 281.24 ft.
 1500.00 To Cor. No. 1 the place of beginning.

TUESDAY Lode

Beginning at Cor. No. 1
 Identical with location monument, and Cor.1 Sunday lode
 this survey, previously described. On line 1-2 Bagdad lode
 Sur.No.3601.

U.S.L.M. No.3272 bears N. 47° 05' W. 606.08 ft.
 No other suitable bearings available.

Thence N. 66° 11' W.

Along line 1-4 Sunday lode this survey.

1187.90 Intersect line 4-1 Butte lode this survey, whence Cor.4
 bears N.16°36'W. 318.76 ft.

1393.08 To Cor. No. 2
 Identical with location monument.

A 3ft.³/₄in. iron pipe with a 2in. round screw brass cap mar-
 ked U.S.MINERAL SURVEY NO.3602-T-2; set 18ins. in ground
 and surrounded with a substantial mound of earth and rock.

Cor.4 Sunday lode this survey bears N.66°11'W. 106.92 ft.
 No other suitable bearings available.

Thence N. 23° 28' E.

106.85 To West End Center
 Identical with loc.mon. a substantial mound of stone.

242.69 Intersect Cor.4 Butte lode this survey; on S. side line
 Aztec lode Uns. whence the SE. cor. Aztec lode bears N.
 88°09'E. 572.85 ft.

406.85 To Cor. No. 3
 Identical with location monument.

A 3ft.³/₄in. iron pipe with a 2in. round screw brass cap
 marked U.S.MINERAL SURVEY NO.3602-T-3; set 18ins.in ground
 and surrounded with a substantial mound of earth and rock.

SW.cor. Wonder No.2 lode Uns. bears S.31°51'E. 279.91 ft.

SE.cor. Aztec lode Uns. bears S.75°24'E. 524.10 ft.

No other suitable bearings available.

Feet

Thence S. 74° 05' E.

37.25 Intersect the W. end line of Wonder No.2 lode Uns. whence the SW. corner bears S. 26°11'E. 253.57 ft.

486.31 Intersect the S. side line of Aztec lode Uns. whence the SE. corner bears N.88°09'E. 39.53 ft.

624.93 Intersect Cor.2 Granite Boulder lode this survey; on the S. side line Wonder No.2 lode Uns. whence the SW. corner bears S.81°40'W. 458.26 ft.

1405.23 To Cor. No. 4. Identical with location monument, and Cor.4 Granite Boulder lode this survey, On line 1-2 Bagdad lode Sur.No.3601. A 3ft.³/₄in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3602-T-4-GB-4;set 18ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.

Thence S. 23° 28' W.

Along line.2-1 Bagdad.lode, Sur. No. 3601.

300.00 To East End Center. Identical with loc.mon. a substantial mound of stone.

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

GRANITE BOULDER Lode

Beginning at Cor. No. 1 Identical with location monument.

A 3 ft.³/₄in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3602-GB-1;set 18ins.in ground and surrounded with a substantial mound of earth and rock.

U.S.L.M. No. 3272 bears S. 12° 38' E. 342.57 ft.

No other suitable bearings available.

Thence N. 23° 28' E.

8.87 To West End Center. Identical with loc.mon. a substantial mound of stone.

18.87 To Cor. No. 2 Identical with location monument, and intersection of line 3-4 Tuesday.lode this survey with S. side line Wonder No.2 lode Uns.

Feet

A 3ft. $\frac{1}{2}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-GB-2; set 14ins. in ground and surrounded with a substantial mound of earth and rock.

Cor. 3 Tuesday lode this survey bears N. $74^{\circ}05'W$. 624.93 ft.
SW. cor. Wonder No. 2 lode Uns. bears S. $81^{\circ}40'W$. 458.26 ft.

No other suitable bearings available.

Thence N. $81^{\circ}40'E$.

Along the S. side line of Wonder No. 2 lode Uns.

877.94 Intersect the SE. cor. of Wonder No. 2 lode Uns.

909.94 To Cor. No. 3

Identical with location monument, and Cor. 2 Bagdad lode Sur. No. 3601.

A 3 ft. $\frac{1}{2}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-GB-3-3601-B-2; set 18ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.

Thence S. $23^{\circ}28'W$.

Along line 2-1 Bagdad lode Sur. No. 3601.

77.00 To East End Center

Identical with location mon. a substantial mound of stone.

377.00 To Cor. No. 4

Identical with location monument, and Cor. 4 Tuesday lode this survey previously described.

Thence N. $75^{\circ}27'W$.

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

WEDGE Lode

Beginning at Cor. No. 1

Identical with location monument, and the intersection of line 3-4 Sunday lode, with line 1-2 Butte lode both of this survey.

A 3ft. $\frac{1}{2}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-W-1; set 18ins. in ground and surrounded with a substantial mound of earth and rock.

U.S.L.M. No. 3272 bears N. $78^{\circ}45'E$. 1129.48 ft.

No other suitable bearings available.

Thence S. $23^{\circ}28'W$.

Feet Along line 4-3 Sunday lode this survey.

149.55 Intersect Cor.3 Sunday lode, identical with Cor.4 Hot Foot Johnny lode, both of this survey.
Along line 4-3 Hot Foot Johnny lode this survey.

449.55 Intersect West End Center Hot Foot Johnny lode this survey.

748.80 To Cor. No. 2
Identical with location monument, and Cor.3 Hot Foot Johnny lode this survey previously described.
Thence S. 88° 09' W.

377.76 To South End Center
Identical with location mon. a substantial mound of stone.

75.30 Intersect line 3-4 Copper Reef No.2 lode Sur.No.3522, whence Cor.4 bears N.18°29'E. 32.80 ft.

82.76 To Cor. No. 3
Identical with location monument; on E. side line Sam lode Uns.
A 3ft.¹/₂in.iron pipe with a 2in.round screw brass cap marked U.S.MINERAL SURVEY NO.3602-W-3; set 18ins. in ground and surrounded with a substantial mound of earth and rock.
Cor.4 Copper Reef No.2 lode Sur.No.3522, bears N.29°40'E. 36.08 ft. No other suitable bearings available.
Thence N. 16° 36' W.

Along the E. side line of the Sam lode Uns.

699.94 To Cor. No. 4
Identical with location monument, and Cor.2 Butte lode this survey.
A 3ft.¹/₂in.iron pipe with a 2in.round screw brass cap marked U.S.MINERAL SURVEY NO.3602-W-4-B-2;set 18ins.in ground and surrounded with a substantial mound of earth and rock.
No suitable bearings available.
Thence N. 88° 09' E.

Along line 2-1 Butte lode this survey.

300.00 To North End Center
Identical with location mon. a substantial mound of stone.

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

Feet	BUTTE Lode
	Beginning at Cor. No. 1 Identical with location monument. A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-B-1; set 18ins. in ground and surrounded with a substantial mound of earth and rock. U.S.L.M. No. 3272 bears N. 70° 11' E. 597.49 ft. Cor. 4 Sunday lode this survey bears N. 42° 48' W. 539.14 ft. No other suitable bearings available. Thence S. 88° 09' W.
545.99	Intersect Cor. 1 Wedge lode this survey, on line 3-4 Sunday lode this survey. Along line 1-4 Wedge lode this survey.
827.15	Intersect North End Center Wedge lode this survey.
1127.15	To Cor. No. 2 Identical with location monument, and Cor. 4 Wedge lode this survey previously described. On E. side line Sam lode Uns. Thence N. 16° 36' W. Along E. side line Sam lode Uns.
300.00	To West End Center. Identical with loc. mon. a substantial mound of stone.
600.00	To Cor. No. 3 Identical with location monument, and NE. cor. Sam lode Uns. on S. side line Copper King Side Line lode Uns. A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-B-3; set 18ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available. Thence N. 88° 09' E. Along the S. side line of Copper King Side Line lode, Uns.
300.00	Intersect SE. cor. Copper King Side Line lode Uns. identical with SW. cor. Aztec lode Uns.
1127.15	To Cor. No. 4 Identical with location monument, on line 2-3 Tuesday lode this survey. A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3602-B-4; set 18ins. in ground and surrounded with a substantial mound of earth and rock.

Feet
 Cor.4 Sunday lode this survey, bears S.47°18'W. 264.59 ft.
 Cor.2 Tuesday lode this survey bears S.23°28'W. 242.69 ft.
 No other suitable bearings available.
 Thence-S. 16° 36' E.
 300.00 To East End Center
 Identical with loc. mon. a substantial mound of stone.
 318.76 Intersect line.1-2 Tuesday lode, identical with line 4-1
 Sunday lode, both of this survey; whence Cor.2 Tuesday lode
 bears N.66°11'W. 205.18 ft. and Cor.4 Sunday lode, bears
 N.66°11'W. 312.10 ft.
 600.00 To Cor. No. 1 the place of beginning.

Mean Magnetic Variation at all corners 14°25' E.

LODE LINES

As near as can be determined from the present developments
 the veins of the several locations embraced in this claim
 extend as follows from their respective discovery points:
 Kin Sabie lode; S.73°57'E. 1095.0ft. and N73°57'W. 405.0ft.
 Audacious lode; S.80°27'E.1092.0ft. and N.80°27'W. 278.7ft.
 Hot Foot Johny lode; S.66°11'E.500.0ft. and N66°11'W.1000.0ft.
 Sunday lode; S.66°11'E.215.0ft. and N.66°11'W. 1285.0ft.
 Tuesday lode; S.74°05'E.1265.23ft. and N.74°05'W. 140.0ft.
 Granite Boulder lode; S.85°23'30"W. 811.48ft. and N.85°23'
 30"E. 65.0 ft.
 Wedge lode; N.4°37'20"E. 581.22ft. and S.4°37'20"W. 100.0ft.
 Butte lode; N.88°09'E. 520.0ft. and S.88°09'W. 607.15 ft.

AREA

Total area Kin Sabie lode	20.487 ✓
Area in conflict with:-	
Audacious lode this survey	5.276 ✓
Prince Albert lode Uns.	0.948 ✓
Grand Duke lode Sur.No.3272	3.240 ✓
Grand Duke lode Sur.No.3272 exclusive of conflict with Gulch Copper lode Sur.No.3272;	2.987 ✓
Gulch Copper lode Sur.No.3272	0.257 ✓

Gulch Copper lode Sur.No.3272 exclusive of	
conflict with Grand Duke lode Sur.No.3272;	0.004 ✓
Total area Audacious lode	18.288 ✓
Area in conflict with:-	
Battle Axe lode Sur.No.3409	0.351 ✓
Copper Reef lode Sur.No.3351, inclusive of	9.050 ✓
Copper Reef lode, Sur. No.3351, exclusive of	
conflict with Battle Axe lode Sur.No.3409;	8.699 ✓
Total area Hot Foot Johny lode	20.648 ✓
Area in conflict with:-	
Copper Reef lode Sur.No.3351	0.036 ✓
Total area Sunday lode	20.661 ✓
Total area Tuesday lode	16.100 ✓
Area in conflict with:-	
Aztec lode Uns.	0.908 ✓
Wonder No.2 lode Uns.	1.269 ✓
Wonder No.2 lode Uns. exclusive of conflict	
with Aztec lode Uns.	0.694 ✓
Total area Granite Boulder lode	3.514 ✓
Area in conflict with:-	
Tuesday lode this survey	0.168 ✓
Total area Wedge lode	5.158 ✓
Area in conflict with:-	
Copper Reef No.2 lode Sur.No.3522	0.026 ✓
Total area Butte lode	15.014 ✓
Area in conflict with:-	
Sunday lode this survey	3.318 ✓
Tuesday lode this survey	0.572 ✓

LOCATION

This survey is located approximately in Sections ~~14~~-15²² and ~~23~~; T. 8 S. R. 18 E. Unsurveyed G&SRB&M. Bunker Hill Mining District; Pinal County, Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I certify that the value of the labor and improvements made upon, or for the benefit of, each of the locations embraced in said mining claim by the claimant or its grantors

is not less than Five Hundred Dollars, and that said improvements consist of:

Kin Sabie lode.

No. 1, Dis. shaft 4x6x8 ft. deep, bears S. 73° 57' E.

405 ft. from the West End Center. value, \$ 100.00

No. 2, shaft 4x6x48 ft. deep, bears S. 33° 10' E. 490 ft.

from Cor. 1. Value, \$ 670.00

No. 3, shaft 4 x6x15 ft. deep, bears S. 61° 50' E. 809 ft.

from Cor.1. Value, \$ 175.00

An undivided 1/9th interest in improvement No. 1 Audacious lode, this survey, hereinafter described, is assigned to this lode, Value, \$ 922.22

An undivided 1/12th interest in improvements No.2 and 3, Audacious lode, this survey, hereinafter described, is assigned to this lode, Value, \$1193.12

Audacious lode.

No. 1, Dis. shaft 4x6x92 ft. deep, bears S. 80° 27' E.

278.7 ft. from the West End Center point.

At the 34 ft. level in above shaft, a drift bears E. 5x7x4 ft., whence a cross-cut bears N. 5x7x32 ft. and from the 21 ft. point in this cross cut, a cross-cut bears N. 51° 37' W. 5x7x31 ft., whence a drift bears S. 53° 10' W. 6x8x9 ft. and N. 53° 10' E. 5x7x20 ft.

At the above 21 ft. point in cross-cut a winze is sunk 4x6x22 ft. deep, from the bottom of which drifts bear S. 75° 25' W. 4x6x9 ft., and N. 75° 25' E. 4x6x9 ft., also a cross-cut bears N. 16° 17' W. 5x7x22 ft.

At the 88 ft. level in shaft a drift bears E. 5x5x7 ft., whence a cross-cut bears N. 10° 05' E. 6x9x32 ft., from the 19 ft. point in this cross-cut, a cross-cut bears N. 63° 30' W. 6x9x43 ft. Total value, \$8300.00

An undivided 1/9th interest in this improvement is assigned to six of the claims of this survey, viz., the Kin Sabe, Audacious, Hot Foot Johnny, Sunday, Tuesday and Butte lodes

and to the Bagdad, Comet and Lookout lodes, of Sur. No. 3601, as hereinafter explained.

Value 1/9th interest credited to this lode,

\$922.22

No. 2, shaft 6x9x230 ft. deep, timbered, bears S. 78° 48' E. 282.11 ft. from Witness West End Center. Value hereinafter given.

No. 3, cut 6x18x14 ft., and tunnel 5x6x196.96 ft. long, bears N. 60° 26' E. 150.73 ft. from Witness West End Center. Tunnel bears from the portal S. 62° 12' E., 5x6x82.76 ft., thence S. 44° 25' E. 5x6x114.20 ft., thence S. 39° 49' W. 9x10x11.70 ft., at which point it connects with the center of No. 2 shaft at the 118 ft. level.

From the 114.20 ft. point in tunnel a drift bears N. 39° 49' E. 5x7x26 ft., and from the 16.90 ft. point in this drift a cross-cut bears S. 50° 11' E. 4x6x4.5 ft., whence an up-raise extends 4x6x26 ft. and connects with the bottom of No. 1 shaft, previously described.

From the 26 ft. point in drift on the 118 ft. level in No. 2 shaft, a cross-cut bears N. 56° 24' W. 6x9x62 ft.

Total value of Nos. 2 and 3, \$14,317.50

An undivided 1/12th interest is assigned to this lode,

value, \$1193.12

These improvements, Nos. 1, 2 and 3, being connected, and advantageously located, from a geological and geographical standpoint, are a practical and feasible system of common improvements for the group of claims owned by the claimant herein, embraced in Surveys 3601 and 3602.

The general slope of the surface of the ground is upward to the North, east and west from the shafts Nos 1&2, which are centrally located toward the South portion of the group. The bottom of shaft No. 2 at its present depth is below the surface of each lode of the group, and by extending the present cross-cuts and drifts from the lower levels, towards and under the several lodes of the

group, the entire group may be advantageously developed and ore extracted therefrom.

These improvements are therefore common improvements for the benefit of each claim of this group, and an undivided 1/9th interest of the value of improvement No. 1 is credited to each of the following claims, the Kin Sabe, Audacious, Hot Foot Johnny, Sunday, Tuesday and Butte lodes, Sur. 3602, and the Bagdad, Comet and Lookout lodes, Sur. No. 3601, (As no additional work has been done in said improvement No. 1 since the location of the Boulder Wedge and Granite lodes, Sur. 3602, and the Mariposa lode, Sur. 3601, these claims do not participate in the distribution of its value), and an undivided 1/12th interest in the value of improvements 2 and 3 is credited to each of the claims in the two surveys, as additional work, to represent more than a value of \$1500, has been performed therein since the location, in June, 1919, of the Wedge and Granite Boulder lodes, Sur. 3602, and the Mariposa lode, Sur. 3601. Such additional work consists of sinking No. 2 shaft from the 118 ft. level to the 230 ft. level, of running the drift from the 114.20 ft. point in No. 3 tunnel, N. 39° 49' E. 5x7x26 ft., and from the 16.9 ft. point in this drift, running a cross-cut S. 50° 11' E. 4x6x4.5 ft., whence an up-raise extends 4x6x26 ft. to bottom of No. 1 shaft. Also from 26 ft. point in drift on 118 ft. level a cross-cut brs. N. 56° 24' W. 6x9x62 ft. Value, \$6257.50.

Hot Foot Johnny.

- No. 1, Dis. cut 4x12x8 ft., facing SE, bears N. 66° 11' W. 500 ft. from East End Center. Value, \$100.00
- No. 2, cut 6 x 15 x 9 ft., facing SE, bears N. 67° 10' W. 523 ft. from East End Center. Value, \$100.00
- No. 3, cut 5x15x10 ft., facing SE, bears N. 68° 30' W. 782 ft. from East End Center. Value, \$100.00
- No. 4, cut 5x15x7 ft., and tunnel 4x6x6 ft., facing NE,

bears N. 71° 58' W. 572 ft. from East End Center.

Value, \$160.00

No. 5, cut 4x12x8 ft., facing W, bears S. 74° 33' E. 600 ft. from Cor. 3.

Value, \$100.00

No. 6, shaft 4 x 6 x 24 ft. deep, bears S. 72° 40' E. 605 ft. from Cor. 3.

Value, \$310.00

An undivided 1/9th interest in improvement No. 1 Audacious lode, this survey, is assigned to this lode,

Value, \$922.22

An undivided 1/12th interest in improvements Nos. 2 and 3 Audacious lode, this survey, is assigned to this lode.

Value, \$1193.12

Sunday lode.

No.1, Dis.cut 4x12x8 ft.,facing SE, bears N.66° 11'W.215 ft. from East End Center.

Value, \$100.00

No. 2 cut 5x12x9 ft.,facing SE, and tunnel 4x6x20 ft.long bearing N. 16°30' W.,bears N.16°37'W.163 ft.from Cor.2.

Value, \$275.00

No.3, cut 5 x16x12 ft.,facing E.bears N.52°34'W.144 ft. from Cor.2.

Value, \$125.00

An undivided 1/9th interest in improvement No. 1,Audacious lode,this survey, is assigned to this lode.

Value, \$922.22

An undivided 1/12th interest in improvements Nos.2 and 3 Audacious lode,this survey, is assigned to this lode,

Value, \$1193.12

Tuesday lode.

No. 1, Dis.cut, 5x12x9 ft.,facing SW, bears S.74°05'E. 140 ft. from West End Center.

Value, \$100.00

No.2, cut 5x10x7 ft.,facing SW, bears S.68° E. 150 ft. from West End Center,

Value, \$75.00

No.3, shaft 5x7x8 ft. deep,bears S.64°25'E.142 ft.from West End Center.

value, \$80.00

An undivided 1/9th interest in No.1 improvement Audacious lode, this survey, is assigned to this lode,

Value, \$922.22

An undivided 1/12 th interest in improvements Nos.2 and 3 Audacious lode, this survey, is assigned to this lode.

Value, \$1193.12

Granite Boulder lode.

No.1,Dis.Cut 4x12x8 ft.,facing N.,bears S.85°23'30"W. 65 ft. from East End Center.

Value, \$100.00

An undivided 1/12 interest in improvements Nos.2 and 3 Audacious lode,this survey,is assigned to this lode.

Value, \$1193.12

WEDGE Lode

No.1,Dis.cut 4x12x8 ft.,facing S, bears N.4°37'20"E.100 ft.from South End Center.

Value, \$100.00

An undivided 1/12th. interest in ~~added labor performed since date of location,~~ in improvements No.2 and 3 Audacious lode this survey is assigned to this lode.

Value \$ 1193.12

Butte Lode

No.1 Dis. shaft 4x6x10 ft. deep bears N.88°09'E. 607.15 ft. from West End Center.

Value \$ 100.00

No.2 shaft 4x6x8ft. deep bears S.25°32'E. 76.0 ft. from West End Center.

Value \$ 100.00

No.3 cut 6x9x7 ft. facing SE. bears S.79°07'E. 200.0 ft. from West End Center.

Value \$ 75.00

No.4 cut 5x9x7 ft. facing SE. and tunnel running NW. 4x6x10 ft. bears S.83°38'E. 212.0 ft. from West End Center.

Value \$ 150.00

No.5 shaft 4x6x6 ft. deep bears S.83°38'E. 279.0 ft. from West End Center.

Value \$ 60.00

No.6 cut 5x20x8 ft. facing S. and tunnel 4x6x20 ft. running N. bears N.16°36'W. 120.0 ft. from West End Center.

Value \$ 300.00

An undivided 1/9th. interest in improvement No.1 Audacious lode this survey is assigned to this lode.

Value \$ 922.22

An undivided 1/12th. interest in improvements No.2 and 3 Audacious lode this survey is assigned to this lode.

Value \$ 1193.12

OTHER IMPROVEMENTS

Kin Sabie Lode

A double tent house each 12x14 ft. bears S.73°57'E. 560.0ft. from Cor.1.

A tent 12x14 bears S.71°31'E. 522 ft. from Cor.1.

A double tent house each 10x12 ft. bears S.69°08'E. 730.0ft. from Cor.1

A cellar 4x12x8 ft. bears S.65°40'E. 370.0 ft. from Cor.1.

A boarding house 18x44.5 ft. bears S.57°E. 270.0 ft. from Cor.1.

A shed 12x14 ft. bears S.54°45'E. 204 ft from Cor.1.

A tent house 12x14 bears S.48°48'E. 402 ft. from Cor. 1.1.

A tent house 12x14 ft. bears S.45°14'E. 383 ft. from Cor.1.

Audacious Lode

A water tank 8x8 bears S.69°E. 515 ft. from Cor.1.

An engine house 12x40 ft. bears S.72°02'E. 267 ft. from Wit. West End Center.

A tunnel portal bears S.69°E. 185 ft. from Cor. 4

An open cut face bears S.82°14'W. 940 ft. from East End Center.

A shaft bears S.81°35'W. 808 ft. from East End Center.

A shaft bears S.81°35'W. 820 ft. from East End Center.

A shaft bears S.80°04'W. 813 ft. from East End Center.

A shaft bears S.78°00'W. 820 ft. from East End Center.

INSTRUMENT

This survey was made with a W.&L.E.Gurley light mountain transit. The courses were deflected from a true meridian determined by direct solar observations and checked by Polaris observations. The distances were measured with 50 ft. and 600 ft. steel tapes.

REPORT

The lines of this claim were run directly upon the ground and the corners were established by measurements along these lines. All tie lines were run directly upon the ground.

The U.S.L.M.No.3272-I found to be in good condition as to permanency but could not discern the markings upon it.

Henry Jones
U.S.Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Harry E. Jones,
 United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and
 boundaries described in the foregoing field notes of the survey of the mining claim of _____
The Magma Chief Copper Company
 known as the KIN SABIE AUDACIOUS GRANITE BOULDER TUESDAY SUNDAY HOT
FOOT JOHNY BUTTE and WEDGE Lodes
 and showing the respective capacities in which they acted.

J. L. Jones _____, *Chainman.*
H. S. Carpenter _____, *Chainman.*
 _____, *Axman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, J. L. Jones,
 and H. S. Carpenter _____, do solemnly swear that we assisted _____
Harry E. Jones _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of _____
The Magma Chief Copper Company
 known as the KIN SABIE AUDACIOUS GRANITE BOULDER TUESDAY SUNDAY
HOT FOOT JOHNY BUTTE and WEDGE Lodes
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his
 direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-
 tions furnished by the United States Surveyor-General for Arizona.

J. L. Jones _____, *Chainman.*
H. S. Carpenter _____, *Chainman.*
 _____, *Axman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 19th.

day of July _____, 1919.

Ray A. Phillips

 Notary Public.

My commission expires June 23, 1923.



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Harry E. Jones, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 1st. 1919., 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 Magma Chief Copper Company

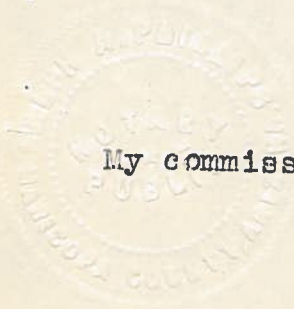
known as the KIN SABLE AUDACIOUS GRANITE BOULDER TUESDAY SUNDAY HOT FOOT JOHNY BUTTE and WEDGE Lodes, situate in Bunker Hill Mining District, Pinal County, Arizona, in Section 8, Approx. 14-15-22-23, Township No 8 South, Range No. 18 East Unsurveyed, and designated as Survey No. 5602, as represented 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.

Harry E. Jones, U. S. Mineral Surveyor.

Subscribed and sworn to by the said Harry E. Jones, U. S. Mineral Surveyor, before me Ralph A. Phillips a Notary Public in and for County of Maricopa, State of Arizona this 19th. day of July, 1919.

Ralph A. Phillips, Notary Public.

My commission expires June 23, 1923.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 11, 19 20

I, U. S. Surveyor-General for Arizona,

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of The Magma Chief Copper Company

known as the Kin Sabie, Audacious, Granite Boulder, Tuesday, Sunday, Hot-Foot, Johnny, Butte and Wedge Lodes.

situate in Bunker Hill

Mining District, Pinal County, Arizona

in Section 15-22, Township No. 8 South, Range No. 18 East uns.

designated as Survey No. 3602, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 16 cuts, 10 shafts, 5 tunnels, 6 drifts, 7 crosscuts, 1 winze and 1 raise, total value \$26,172.50, of which \$7,539.14 is credited to the claims of Sur. No. 3601.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott,

United States Surveyor-General for Arizona.

SURVEYOR GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR OFFICE OF U. S. SURVEYOR GENERAL

Phoenix, Arizona,

June 11, 1920

I, U. S. Surveyor General for Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of The Magma Chief Copper Company

known as the Kin Sabie, Audacious, Granite Boulder, Tuesday, Sunday, Hot Foot Johnny, Butte and Wedge Lodes

situate in Bunker Hill mining district, Pinal County, Arizona

Approx. in Sections 15-22, Township No. 8 South, Range No. 18 East

uns., designated as Survey No. 3602

executed by Harry E. Jones, U. S. Mineral

Surveyor, July 6-14, 1919, under my instructions dated

July 1st, 1919, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe, are hereby approved. The certified copy of the location certificate filed by the applicant for survey is on file in this office and a true copy of said certified copy of said location certificate is included and made a part of the transcript of the field notes.

[Handwritten signature]

U. S. Surveyor General for Arizona.