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Platted

(4-683.)

Mineral Survey No. 3482.

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Magma Chief Copper Company

KNOWN AS THE

Long Wedge, Watson, Picket Post, Palace and Tuna Lodes

Pioneer Mining District,

Pinal County, Arizona, in W.1/2,

Section 25, &

E. 1/2, Section 26, Township 1 S., Range 12 E. Unsurveyed,
Crook National Forest G. & S.R.B. & M.

Surveyed under instructions dated February 12, 1918,

by *William C. Goetz*
U. S. Deputy Mineral Surveyor.

Claim located See location Notices, 1

Survey commenced April 10, 1918, 1

Survey completed April 14, 1918, 1

o 6-160

Address of attorney:-

John H. Page & Company,
Box 117, Phoenix, Arizona.

Feet

MINERAL SURVEY NUMBER 3482.

LONG WEDGE LODE.

Beginning at Cor. No. 1, identical with the S.E. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed LW1-3482; whence Cor. No. 4 of the Superior Townsite bears S.4°22'58"E. 6639.78 ft. dist. This Cor. is located on line 4-1 Watson lode, this survey, hereinafter described, at N.6°48'E. 254.72 ft. from Cor. No. 1, and S.6°48'W. 1245.28 ft. from Cor. No. 4 thereof.

Thence N. 16° 51' E.

- on line 1-2, along W. slope of ridge slightly ascending
- 180. ravine runs W; ascend steeply
- 880. top of ridge runs E.& W; descend steeply
- 1085. ravine runs W; ascend steeply
- 1359.86 intersect line 3-4 Watson lode, this survey, hereinafter described, at N.75°15'E. 255.14 ft. from Cor. No. 4 thereof
- 1380. top of ridge runs NW. & SE., descend
- 1526.79 Cor. No. 2, identical with the N.E. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed LW2-3482.
- Thence N. 37° 12' W.
- 298.63 on line 2-3, descending N. slope of ridge
- 298.63 N.E.C. identical with the N.E.C. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high on top of ridge. Descend along ridge.
- 597.26 Cor. No. 3, identical with the N.W. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed LW3-3482.
- Thence S. 6° 48' W.
- on line 3-4, steeply descending
- 217. ravine last mentioned runs N.W; ascend steeply
- 630. top of ridge runs E & W, descend steeply
- 1090. improved wagon road 10 ft. wide runs SE&NW; descend
- 1264. large ravine runs W; ascend
- 1395. small ravine runs N.W; ascend

Feet
 1484.65 Cor. No. 4, identical with the S.W. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed LW4-3482; whence Cor. No. 4 Gerald Cansler lode, Survey No. 3483 bears S.73°58'56"W.1781.40 ft. dist; and Cor. No. 3 Big Copper Queen lode, Survey No. 3360 bears S.77°37'48" W. 1417.62 ft. dist.

Thence S. 87° 12' E.

on line 4-1, slightly ascending W. slope of ridge
 115. small ravine runs N.W.

165.18 S.E.C. identical with the S.E.C. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high; ascent steeper

330.35 Cor. No. 1, the place of beginning.

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WATSON LODE.

Beginning at Cor. No. 1, identical with the S.W. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed W1-3482; whence Cor. No. 4 of the Superior Townsite bears S.4°49'32"E. 6390.08 ft. dist.

Thence N. 75° 15' E.

on line 1-2, ascending steep N. slope of ridge

290.88 S.E.C. identical with the S.E.C. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high,

375. top of ridge runs N. & S; descend

575. ravine runs S.

581.76 Cor. No. 2, identical with the S.E. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed W2-3482. This corner is on the E. bank of the ravine.

Thence N. 6° 48' E.

on line 2-3 along E. bank of ravine, ascending

165. cross ravine and ascend

980. top of ridge runs E. & W; ascend

Feet
1500. Cor. No. 3, identical with the N.E. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed W3-3482.
Thence S. 75° 15' W.
on line 3-4, ascending
190. top of ridge runs E. & W; descend along ridge
290.88 N.E.C. identical with the N.E.C. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high. Descend steep S. slope of ridge
326.62 intersect line 1-2 Long Wedge lode, this survey, hereinbefore described at N. 16° 51' E. 1359.86 ft. from Cor. No. 1 thereof
581.76 Cor. No. 4, identical with the N.W. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed W4-3482.
Thence S. 6° 48' W.
on line 4-1, descending
93. ravine runs W; ascend steeply
395. top of ridge runs E. & W; descend steeply
1072. ravine runs W; ascend
1245.28 Cor. No. 1, Long Wedge lode, this survey, hereinbefore described
1500. Cor. No. 1, the place of beginning.

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PICKET POST LODGE.

Beginning at Cor. No. 1, identical with the S.W. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed PPl-3482 on N.E. face. This corner is identical with Cor. No. 2, Watson lode, this survey, hereinbefore described. Cor. No. 4 of the Superior Townsite bears from this corner S. 0° 13' 13" W. 6515.60 ft. dist.

Thence N. 75° 15' E.

on line 1-2, ascending steep slope to limestone bluff

Feet
 322.23 S.E.C. identical with the S.E.C. of the amended location;
 a pine post 4 ins. square by 4 ft. long, set in a mound of
 stones 3 ft. base by 2.5 ft. high

413.26 intersect line 3-4 Palace lode, this survey, hereinafter
 described, at S.15°10'W. 327.42 ft. from Cor. No. 3 thereof

570. limestone bluff runs N.& S; ascend slightly

644.46 Cor. No. 2, identical with the S.E. Cor. of the amended
 location; a pine post 4 ins. square by 4 ft. long, set in
 a mound of stones 3 ft. base by 2.5 ft. high, and scribed
 PP2-3482.
 Thence N. 6° 48' E.
 on line 2-3, along top of bluff

214.39 intersect line 2-3 Palace lode, this survey, at S.74°50'E.
 169.20 ft. from Cor. No. 3 thereof

420. top of last named bluff, descend

790. ravine runs S.W; ascend

1365. top of small bluff, runs N.E.& S.W; descend

1500. Cor. No. 3, identical with the N.E. Cor. of the amended
 location; a pine post 4 ins. square by 4 ft. long, set in
 a mound of stones 3 ft. base by 2.5 ft. high, and scribed
 PP3-3482.
 Thence S. 75° 15' W.
 on line 3-4, descending along N.W. slope

322.23 N.E.C. identical with the N.E.C. of the amended location;
 a pine post 4 ins. square by 4 ft. long, set in a mound of
 stones 3 ft. base by 2.5 ft. high

562. small ravine runs N.W; ascend

644.46 Cor. No. 4, identical with the N.W. Cor. of the amended
 location and with Cor. No. 3, Watson lode, this survey,
 hereinbefore described. I scribed same PP4-3482 on S.E. face.
 Thence S. 6° 48' W.
 on line 4-1, identical with line 3-2 Watson lode, this sur-
 vey, hereinbefore described

1500. Cor. No. 1, the place of beginning.

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PALACE LODE.

Beginning at Cor. No. 1, identical with the S.E. Cor. of
 the amended location; a pine post 4 ins. square by 4 ft.

- Feet long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed P1-3482; whence Cor.No. 4 of the Superior Townsite bears S.16°48'03"W. 6231.22 ft. dist.
- Thence N. 15° 10' E.
- on line 1-2 ascending E. slope
85. small ravine runs S.E; ascend
300. E.E.C. identical with the E.E.C. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high,
525. bluff, descend
600. Cor.No. 2, identical with the N.E. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed P2-3482.
- Thence N. 74° 50' W.
- on line 2-3, ascending
90. last mentioned bluff, descend slightly
- 415.36 intersect line 4-1 Tuna lode, this survey, hereinafter described, at S. 11°28'E. 94.39 ft. from Cor. No. 4 thereof. Descend gradually
- 1330.80 intersect line 2-3 Picket Post lode, this survey, hereinbefore described, at N.6°48'E. 214.39 ft. from Cor. No. 2 thereof
1360. top of limestone bluff, descend steeply
1500. Cor. No. 3, identical with the N.W. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high; and scribed P3-3482.
- Thence S. 15° 10' W.
- on line 3-4, along W. slope of ridge, descending
300. W.E.C. identical with the W.E.C. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high
- 327.42 intersect line 1-2, Picket Post lode, this survey, at S.75° 15'W. 231.20 ft. from Cor.No. 2 thereof.
600. Cor. No. 4, identical with the S.W. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed P4-3482.

- Feet a mound of stones 3 ft. base by 2.5 ft. high, and scribed T3-3482.
Thence S. $78^{\circ} 28'$ W.
on line 3-4, descending
25. ravine runs S; ascend
200. N.E.C. identical with the N.E.C. of the amended location;
a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high
250. bluff, descend
- 290, small ravine runs S.E; ascend
360. bluff, descend
500. Cor. NO. 4, identical with the N.W. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed T4-3482.
Thence S. $11^{\circ} 28'$ E.
on line 4-1, descending
- 94.39 intersect line 2-3 Palace lode of this survey, hereinbefore described, at N. $74^{\circ} 50'$ W. 415.36 ft. from Cor. No. 2 thereof
- 740, small ravine runs S.E; ascend
- 765.62 intersect line 4-1 Palace lode of this survey, at N. $74^{\circ} 50'$ W. 114.47 ft. from Cor. No. 1 thereof.
900. ridge runs N.E. & S.W; descend
1500. Cor. No. 1, the place of beginning.

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LODE LINES.

As near as can be ascertained from surface indications and present development, the veins of the several locations embraced within this claim, extend from their respective discovery points as follows:

Long Wedge Lode

S. $11^{\circ} 54'$ W. 540. ft. and N. $11^{\circ} 54'$ E. 960. ft.

Watson Lode

S. $6^{\circ} 48'$ W. 270. ft. and N. $6^{\circ} 48'$ E. 1230. ft.

Picket Post Lode

S. $6^{\circ} 48'$ W. 950. ft. and N. $6^{\circ} 48'$ E. 550. ft.

Palace Lode

N. 74° 50' W. 50. ft. and S. 74° 50' E. 1450. ft.

Tuna Lode

S. 11° 28' E. 129. ft. and N. 11° 28' W. 1371. ft.

AREAS,

	<u>Acres</u>
Total area Long Wedge lode -----	15.770
Area in conflict with Watson lode ----	3.392
Total area Watson lode -----	18.633
Total area Picket Post lode -----	20.641
Area in conflict with Palace lode ----	1.165
Total area Palace lode -----	20.661
Area in conflict with Tuna lode ----	3.649
Total area Tuna lode -----	17.271

(Continued on Page 9)

LOCATION.

This survey is located ~~approximately~~ in the W.1/2 Sec. 25, and the E.1/2 Sec. 26, T.1 S.R.12E. (unsurveyed), G.& S.R.B.& M; Pioneer Mining District, Crook National Forest, Pinal County, Arizona.

ADJOINING CLAIMS.

This survey is adjoined on the N. by the Silver King Jr. lode owned by the Magma Extension Mining Company; by the Kraus, Pomeroy, Eagles' Nest and Dasite lodes owned by The Magma Chief Copper Company; and by the Asbanli lode owned by the East Magma Copper Company. On the E. by the Pomeroy, Pine Tree and Eagles' Nest lodes owned by The Magma Chief Copper Company; the Winnie lode owned by the East Magma Copper Company; the Palace No. 1, Apex and Black Rock No. 1 lodes owned by Ed. L. Pomeroy; and the Whitefoot lode owned by the Magma Copper Company. On the S. by the two last mentioned lodes; the New Year and Wedge lodes owned by The Magma Chief Copper Company; the Black Rock, Florence Adams and Baltic lodes owned by the Pomeroy, Fisk & North Queen Copper Company; the Black Prince lode owned by the Sam Thorpe Mining Company; and the Anaconda lode owned by the Magma King Copper Company. On the W. by the last two mentioned lodes; the Mabel lode owned by the Magma King Copper Company; and the Silver King Jr. lode, first mentioned under this title. All adjoining Claims are unsurveyed.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

Long Wedge Lode

From the SEC.

No. 1, the mouth of the discovery tunnel bears N.11°54'E.

540. ft. dist. From its mouth the tunnel, ~~5x6~~ ft. bears
 N.11°54'E. 30.ft. Value \$300.00

From Cor. No. 4.

No. 2, the mouth of a tunnel bears N.58°34'E. 257.1 ft. dist. From its mouth the tunnel, 6x7 ft. bears as follows: N.86°56'E. 45.55 ft; thence S.81°38'E. 319.80ft; thence S.78°09'E. 226.30 ft; thence S.81°36'E. 65. ft. to a point from which a cross-cut, 6x7 ft. bears at right angles to the left 90. ft. and at whose end is a station 10 x 10 ft. by 7 ft. high, from the roof of which a raise 4 x 6 ft. rises 30. ft; thence from last named point in tunnel S.81°36'E. 206.20 ft; thence S.76°09'E. 45.35 ft. to a point from which a cross-cut 6 x 7 ft. bears N.3°05'E. 99. ft. and at whose end is a station 10 x 10 ft. by 7 ft. high, from the roof of which a raise 4 x 6 ft. rises 30. ft. From the same point in the tunnel another cross-cut 6 x 7 ft. bears S.3°05'W. 20. ft. Thence from last named point in tunnel S.76°09'E.49.25 ft; thence S.65°14'E. 45.65 ft. to a point from which a cross-cut 6 x 7 ft. bears at right angles to the right a distance of 14. ft. Thence from last named point in tunnel S.65°14'E. 50. ft; thence S.87°17'E. 33.90 ft; thence N.75°19'E. 18.80 ft. to a point from which a cross-cut 6 x 7 ft. bears at right angles to the left 102. ft. and at whose end is a station 10 x 10 ft. by 7 ft. high, from the roof of which a raise 4 x 6 ft. rises 30.ft. From the same point in the tunnel another cross-cut 6 x 7 ft. bears at right angles to the right a distance of 10.ft. and at whose end is a station 10 x 10 ft. by 7 ft. high, from the roof of which a raise 4 x 6 ft. rises 30. ft. Thence from last named point in tunnel N.75°19'E. 17. ft; thence S.70°55'E. 69.80 ft; thence N.87°35'E. 13.80 ft. to a point from which a cross-cut 6 x 7 ft. bears at right angles to the left 15. ft. and another cross-cut 6 x 7 ft. bears at right angles to the right 12.5 ft; Thence from last named point in tunnel S.87°35'E. 47. ft; thence S.86°40'E. 54.25 ft. to a point from which a cross-cut 6 x 7 ft.

bears at right angles ^{to the right} 41. ft; thence from last named point in tunnel S.86°40'E. 96. ft; to a point from which a cross-cut 6 x 7 ft. bears at right angles to the right 10. ft. Thence from last named point in tunnel S.86°40'E. 21. ft; thence S.67°28'E. 25.70 ft; thence S.20°53'E. 85.90 ft; thence S.49°33'E. 79.90 ft; thence S.57°31'E. 136.70 ft; thence S.75°06'E. 63. ft. to the breast. Value \$36231.00

Less credit of four fifths interest to Watson,
 Picket Post, Palace, and Tuna lodes ----- \$28984.80
 Value of one fifth interest \$7246.20
 Total value ---- \$7546.20

NOTE:- I have distributed ^{the value of} improvement No. 2 of the Long Wedge lode among the Long Wedge, Picket Post, Watson, Palace and Tuna lodes because the claimant intends to develop all these lodes from this tunnel by extending the same. The topography of the ground is such that the mouth of this tunnel is situated at about the lowest elevation, the ground rising steeply from the SW. part of the Long Wedge lode to the NE. and E., the highest elevation being on the NE. ends of the Palace and Tuna lodes which are probably 700 to 1000 ft. above the mouth of this tunnel. The claimant has also built about 1.5 miles of good wagon road from the valley below to the mouth of the tunnel, which is by far the most accessible place on the entire claim to transportation. In my opinion the claimant has driven the tunnel in such a manner as to afford a very economical and efficient means of developing its claim.

Watson Lode.

From the SEC.

No. 1, the discovery cut, 4 ft. wide, 10 ft. face, by 15. ft. long bears N.6°48'E.270. ft. dist. Value ---\$75.00

From a point on line 4-1 of this lode, distant N.6°48'E.254.72 ft. from Cor.

No.1 thereof, said point being Cor.No.

1 Long Wedge lode, this survey:

No. 2, the mouth of a cut and tunnel bears N.57°30'E. 217.4 ft. dist. The cut, 12 ft. wide, 15 ft. face, by 25 ft.

long, bears SE. From the N. side of the cut, a tunnel, 3
x 6 ft. bears E. 7 ft; thence SE. 13 ft. Value -- \$700.00

No. 3, an open trench 5 x 14 ft. 5 ft. deep bears N.77°
34'E. 402.7 ft. dist. Value --- \$75.00

To be credited a one fifth interest from No. 2 of
the Long Wedge lode of this survey Value -- \$7246.20

Total value --- \$8096.20

Picket Post Lode

From the NEC.

No. 1, the center of the discovery cut bears S.6°48'W.550.
ft. dist. From its center the cut, 4 ft. wide, bears SE.
16, ft. to its mouth and NE. 22. ft. to its face, which is
10 ft. high. Value -- \$190.00

From the SEC.

No. 2, an open cut 4 ft. wide, 5 ft. face, by 9 ft. long
bears N.38°19'E. 103.8 ft. dist. Value --- \$20.00

From a point on the center line

S.6°48'W.443.8 ft. dist. from the

NEC.

No. 3, an open cut 5 ft. wide, 10 ft. face, by 12 ft. long
bears S.5°17'E. 214.3 ft. dist. Value -- \$75.00

No. 4, the mouth of an open cut and tunnel bears S.30°43'
W. 486.6 ft. dist. From its mouth the cut, 3 ft. wide by 8
ft. face bears SE. 14 ft; thence the tunnel, 3 x 6 ft.
bears SE. 6 ft. Value -- \$100.00

No. 5, an open cut 4 ft. wide, 8 ft. face, by 10 ft. long
bears N.47°32'W. 42.4 ft. dist. Value -- \$40.00

No. 6, an open cut 4 ft. wide, 8 ft. face, by 12 ft. long
bears N.16°18'W. 68.3 ft. dist. Value -- \$45.00

No. 7, a shaft 4 x 6 ft. 8 ft. deep bears N.11°40'W. 32.
ft. dist. Value -- \$90.00

To be credited a one fifth interest from No.2 of
the Long Wedge lode of this survey Value - \$7246.20

Total value --- \$7806.20

Palace Lode

From the WEC.

No. 1, the discovery shaft 6 x 8 ft. 9 ft. deep bears S. 74°50'E. 50. ft. dist. Value ---\$150.00

From Cor. No. 4

No. 2, a shaft 4 x 6 ft. 10 ft. deep bears N.75°45'E. 628.3 ft. dist. Value -- \$100.00

No. 3, an open cut 4 ft. wide, 10 ft. face, by 10 ft. long bears N.73°32'E. 646. ft. dist. Value -- \$50.00

No. 4, an open cut 5 ft. wide, 15 ft. face, by 6 ft. long bears N.72°47'E. 673.5 ft. dist. Value -- \$100.00

No. 5, an open cut 4 ft. wide, 6 ft. face, by 25 ft. long bears N.75°53'E. 667.9 ft. dist. Value -- \$75.00

No. 6, a shaft 4 x 6 ft. 10 ft. deep bears N.77°38'E. 686.3 ft. dist. Value -- \$100.00

To be credited a one fifth interest from No. 2 of the Long Wedge lode of this survey Value -- \$7246.20

Total value -- \$7821.20

Tuna Lode

From the SEC.

No. 1, the discovery cut 5 ft. wide, 10 ft. face, by 15 ft. long bears N.11°28'W. 129. ft. dist. Value -- \$100.00

To be credited a one fifth interest from No. 2 of the Long Wedge lode of this survey Value -- \$7246.20

Total value -- \$7346.20

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OTHER IMPROVEMENTS

Long Wedge Lode

From Cor. No. 4

the SW. Cor. of a corrugated iron blacksmith shop 14 x 18 ft. bears N.53°20'E. 211.7 ft. dist. Value -\$150.00. The SW. Cor. of a corrugated iron power house 22 x 42 ft. bears N.42°25'E. 244.7 ft. dist. Value \$750.00. This power house contains one 50 hp. semi Diesel engine, Value \$2500.00, one 300 cu. ft. Sullivan air compressor, Value \$1500.00, and one 6 hp. gas engine and blower, Value \$325.00.

~~Total value \$5075.00~~

The SE. Cor. of a corrugated iron store house 12 x 14 ft. bears N.21°51'E. 270.7 ft. dist. Value \$100.00. The SW. Cor. of a tent house 12 x 20 ft. bears N.31°43'E. 366.8 ft. dist. Value \$50.00. The SW. Cor. of a frame mess house 16 x 40 ft. bears N.20°28'E. 366.6 ft. dist. Value \$600.00. The SW. Cor. of a frame bunk house 18 x 36 ft. bears N.10°01'E. 465.8 ft. dist. Value \$600.00. The SE. Cor. of a frame bunk house 18 x 36 ft. bears N.11°18'E. 511.2 ft. dist. Value \$600.00. An iron water tank 5 ft. diameter by 8 ft. high bears N.13°32'E. 503.1 ft. dist. Value \$50.00

Total value \$7225.00

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INSTRUMENT.

This survey was executed with a "Lietz Light Mountain Transit" graduated to minutes, and all courses were determined and deflected from a true meridian as determined by direct Polaris observation. The distances were measured with a 300. ft. steel tape together with brass plummets.

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Report.

Cor. No. 4 of the Superior Townsite, to which this survey is tied, is a one inch iron pipe one foot above ground with a bronze cap marked ST.COR.4

Cor. No. 1 of the Gerald Cansler lode, Survey No. 3483, to which this survey is also tied, is a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed GC1-3483.

All corners on the exterior boundary of this survey are identical with coinciding corners of adjoining unsurveyed lodes, where boundaries of these lodes are shown upon the map herewith. Where, according to the map, mention of corners of adjoining lodes is omitted, the same was done because no such corners were found during a diligent search.

There were no suitable bearing trees or rocks available.

The records of the Surveyor General's office show the Blackfoot lode, Mineral Survey No. 2144 to be located about 100 feet south of the Tuna lode of this survey. With the aid of said records in the field an exhaustive search of five hours was made for the four corners of this lode, but no traces of any of them were found. The country is very much broken up and full of cliffs and outcroppings, making it very difficult to find markings and monuments,

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VARIATION.

The variation at all corners was $13^{\circ} 40'$ E.

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William C. Gutz
U. S. Mineral Surveyor.

Tucson, Arizona, *July 10, 1918.*

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by William C. Goetz
 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 Long Wedge, Watson, Picket Post, Palace and Tuna Lodes _____
 and showing the respective capacities in which they acted.

Arthur Pogue _____, *Chainman.*

James S. Mills _____, *Chainman.*

_____, *Arman.*

_____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, Arthur Pogue and James S. Mills _____
 _____, do solemnly swear that we assisted William _____
C. Goetz _____, 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 Long Wedge, Watson, Picket Post, Palace and Tuna 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. _____

Arthur Pogue _____, *Chainman.*

James S. Mills _____, *Chainman.*

_____, *Arman.*

_____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 10th _____

day of July _____, 1918

My Commission Expires
Sept. 20th, 1919

Butler L. Smith
Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, William C. Goetz, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
February 12, 1918, 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
Long Wedge, Watson, Picket Post, Palace and Tuna Lodes,
situate in Pioneer Mining District,
Pinal County, Arizona, in Section
W. 1/2 Sec. 25, & E. 1/2 Sec. 26, Township No. 1 S., Range No. 12 E. Unsurveyed, G. & S. R. B. & M.
and designated as Survey No. 3482, as represented
in the foregoing field notes, which accurately show the boundaries of said mining claim
as distinctly marked by monuments on the ground, and described in the attached copy
of the location certificate, which was received by me from the Surveyor General with
said instructions, and that all the corners of said survey have been established and per-
petuated in strict accordance with the law, official regulations and instructions there-
under; and I do further solemnly swear that the foregoing are the true and original
field notes of said survey and my report therein, and that the labor expended and
improvements made upon said mining claim by claimant or its grantors
are as therein fully stated, and that the character, extent, location, and itemized value
thereof are specified therein with particularity and full detail, and that no portion of
said labor or improvements so credited to this claim has been included in the estimate
of expenditures upon any other claim.

William C. Goetz
U. S. Mineral Surveyor

Subscribed and sworn to by the said William C. Goetz
U. S. Mineral Surveyor, before me a Notary Public in and
for Pinal County, Arizona this 10th
day of July, 1918

My Commission Expires
Sept 20th 1919
John L. Smith
Notary Public

FEB. 11 1918

RECORDER'S CERTIFICATE.

STATE OF ARIZONA,)
County of Pinal.) ss.

I, W. L. BROWN, County Recorder,

in and for the County of PINAL, State of Arizona,
do hereby certify that the within and following is
a full, true and correct copy of Notice of Location of
LONG WEDGE Mining Claim, Pioneer Mining District, Pinal Co.,
as the same appears of record in my office in
Book No. 33 of Mines,
at page 427 thereof, or under file No.

File of ;

that I have compared the same with the original
record and that the same is a true transcript and
of the whole thereof.

IN WITNESS WHEREOF, I have hereunto
set my hand and affixed the seal of my office,
this 19th day of January, 1918, at
Florence, the County Seat.

W. L. BROWN,
County Recorder,

By *M. A. Benscoe*
Deputy Recorder.

Amended Notice of Mining Location

LODE CLAIM

On All Whom it May Concern:

This Mining Claim, the name of which is the **Long Wedge** Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by **Magma Chief Copper Company, By F. T. Pomeroy, Secretary, a citizen of the United States,**

the undersigned, on the **3d of March, 1917.**

The length of this ~~claim~~ **is 1500** feet,
and **we** claim **540** feet,
in a **southerly** direction and **960** feet in a **northerly** direction from the center of the discovery shaft, at which this notice is posted lengthwise of the claim, together with **330.35** feet on south end and **597.26** feet in width ^{on north end} of the surface grounds, ~~on each side~~

~~of the center of said shaft~~ The general course of the lode deposit and premises is from the **south** to the **north**

The claim is situated and located in the **Pioneer** Mining District, in Pinal County, in the State of Arizona, about **3500** in a **northwesterly** direction from **the main shaft of the Magma Mine,** and about $\frac{1}{2}$ mile easterly from the **McCaffery Spring.**

The surface boundaries of the claim are marked upon the ground as follows: Beginning at **a monument of stone**

at a point in a **southerly** direction **540** feet from the discovery shaft (at which this notice is poseted), being in the center of the **south** end line of said claim; thence **westerly 165.18** feet to a **post**, being the **southwest** corner of said claim; thence **northerly 1485.65** feet to a **post**, being at the **northwest** corner of said claim; thence **easterly 298.63** feet to a **post** at the center of the **northerly** end of said claim; thence ^{Easterly} **298.63** feet to a **post**, being at the **northeast** corner of said claim; thence **southerly 1526.79** feet to a **post** at the **southeast** corner of said claim; thence **westerly 165.17** feet to the place of beginning.

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

This is an Amended Location Notice of the **Amended location of the Long Wedge** Mining Claim, located by **Magma Chief Copper Company, By F. T. Pomeroy, Secretary, on the 2d day of Feb. 1917** and recorded in Book **33** of Records of Mines, at page **266**, in the office of the County Recorder of the aforesaid County of Pinal, to which reference is hereby made, and this amended Location Notice is made and posted to correct errors in the description in the said original Location Notice

Dated and posted on the grounds this **3d day of March, 1917.**
The Magma Chief Copper Company,
By F. T. Pomeroy, Secretary.

Filed and Recorded at the request of **F. T. Pomeroy, March 13th, 1917, at 1: P. M.**
W. L. BROWN, Recorder,
Recorded in Book **33** of Mines, page **427.** **By M. O. Benscoe, Deputy.**

FEB. 11. 1918

RECORDER'S CERTIFICATE.

STATE OF ARIZONA,)
County of Pinal.) ss.

I, W. L. BROWN, County Recorder,
in and for the County of PINAL, State of Arizona,
do hereby certify that the within and following is
a full, true and correct copy of Notice of Location of
WATSON Mining Claim, Pioneer Mining District, Pinal County,
as the same appears of record in my office in
Book No. 32 of Mines
at page 436 thereof, or under file No.

File of ;
that I have compared the same with the original
record and that the same is a true transcript and
of the whole thereof.

IN WITNESS WHEREOF, I have hereunto
set my hand and affixed the seal of my office,
this 19th day of January, 1918, at
Florence, the County Seat.

W. L. BROWN,
County Recorder,
By *M. O. Beniscoe*
Deputy Recorder.

Amended Notice of Mining Location

LODE CLAIM

Co All Whom it May Concern:

This Mining Claim, the name of which is the **Watson** Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by **Magma Chief Coppey Co., by F. T. Pomeroy, Secretary, Citizen of U. S.**

the undersigned, on the **6th day of Jan., 1917.**

The length of this claim is **1500** feet,
and **We** claim **270** feet,
in a **southerly** direction and
1230 feet in a **northerly** direction from
the center of the discovery shaft, at which this notice is posted lengthwise of the claim, together with
~~300~~ **291** feet in width of the surface grounds, on each side
of the center of said claim. The general course of the lode deposit and premises is from the
south to the **north**

The claim is situated and located in the **Pioneer** Mining District, in
Pinal County, in the State of Arizona, about **3000 feet**
in a **northerly** direction from **the main shaft of the Magma Mine,**
and 1 1/2 miles south of the Silver King.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

a monument of stone

at a point in a **southerly** direction **270** feet from
the discovery shaft (at which this notice is poseted), being in the center of the **south**
end line of said claim; thence **westerly 291** feet to a **monument of stone**
, being the **southwest** corner of said claim; thence
~~1500~~ **northerly 1500** feet to a **monument of stone**, being at the
northwest corner of said claim; thence **easterly 291** feet
to a **monument of stone** at the center of the **north** end of said claim;
thence **easterly 291** feet to a **monument of stone**, being at the
northeast corner of said claim; thence **southerly 1500**
feet to a **monument of stone** at the **southeast** corner of said claim;
thence **westerly 291** feet to the place of beginning.

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

This is an Amended Location Notice of the **Watson** Mining Claim, located by **J. J. Mackey and F. L. Toombs on the 11th day of Feb., 1907** and recorded in Book **25** of Records of Mines, at page **160**, in the office of the County Recorder of the aforesaid County of Pinal, to which reference is hereby made, and this amended Location Notice is made and posted to correct errors in the description in the said original Location Notice

Dated and posted on the grounds this **6th day of January, 1917.**

The Magma Chief Copper Co.,
By F. T. Pomeroy, Sec'y.

Filed and Recorded at the request of **Chalmers, Kent & Stahl, Jan. 16th, 1917,**
at one o'clock P. M. **W. L. BROWN, Recorder,**
Recorded in Book **32 of Mines, p. 436.** **By M. O. Benscoe, Deputy.**

FEB. 11. 1918

RECORDER'S CERTIFICATE.

STATE OF ARIZONA,)
County of Pinal.) ss.

I, **W. L. Brown,** County Recorder,
in and for the County of PINAL, State of Arizona,
do hereby certify that the within and following is
a full, true and correct copy of **Amended Notice of Lo-
cation of the PICKET POST Mining Claim,**

as the same appears of record in my office in
Book No. **23** of **Record of Mines,**
at page **284** thereof, or under file No.

----- File of ----- ;

that I have compared the same with the original
record and that the same is a true transcript and
of the whole thereof.

IN WITNESS WHEREOF, I have hereunto
set my hand and affixed the seal of my office,
this **25th day of January, 1918,** at
Florence, the County Seat.

W. L. Brown,

County Recorder,

By *M. B. Bunscoe*
Deputy Recorder.

Amended Notice of Mining Location

LODE CLAIM

Co All Whom it May Concern:

This Mining Claim, the name of which is the **PICKET POST** Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by

W. H. Lampker and Geo. P. Hunstock, citizens of the United States,

the undersigned, on the **1st day of Jan., 1906.**

The length of this claim is **1500** feet,
and **we** claim **750** feet,
in a ~~northerly~~ **Southern** direction and
750 feet in a **Northerly** direction from
the center of the discovery shaft, at which this notice is posted lengthwise of the claim, together with
300 feet in width of the surface grounds, on each side
of the center of said claim. The general course of the lode deposit and premises is from the

North to the **South**
The claim is situated and located in the **Pioneer** Mining District, in

Pinal County, in the State of Arizona, about **one mile in a southerly**

~~direction~~ direction from **Silver King and 12 miles nor-**
therly from Queen Creek, bounded on about the South by the Florence
Adams Claims, abandoned property, former name and location unknown,
all rights and title heretofore acquired not disturbed.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

~~at~~ a point in a **southerly** direction **750** feet from
the discovery shaft (at which this notice is posted), being in the center of the **southerly**
end line of said claim; thence **westerly 300** feet to a **monument of**
stone, being the **southwest** corner of said claim; thence
northerly 1500 feet to a **monument of stone**, being at the
northwest corner of said claim; thence **easterly 300** feet
to a **monument of stone** at the center of the **northerly** end of said claim;
thence **easterly 300** feet to a **monument of stone**, being at the
northeast corner of said claim; thence **southerly 1500**
feet to a **monument of stone** at the **southeast** corner of said claim;
thence **westerly 300** feet to the place of beginning.

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

This is an Amended Location Notice of the **Picket Post**

Mining Claim, located by **W. H. Lampker and Geo. P. Hunstock on the 15th day of**
September, 1902,

and recorded in Book **20 of Mines** of Records of Mines, at
page **155**, in the office of the County Recorder of the aforesaid County of Pinal, to which reference
is hereby made, and this amended Location Notice is made and posted to correct errors in the description
in the said original Location Notice

Dated and posted on the grounds this **1st day of January, 1906.**

E. POMEROY
K. POMEROY
HINRICH STOFEN

Witness: H. A. Brizzee.

Filed and Recorded at the request of **Pomeroy & Kelly**
on Jan. 15, 1906, at 9 a. m.

Recorded in Book
23 of Mines, page 284.

E. B. DEVINE, Recorder,
By N. N. Bartleson, Deputy.

FEB 11 1918

RECORDER'S CERTIFICATE.

STATE OF ARIZONA,)
County of Pinal.) ss.

I, W. L. BROWN, County Recorder,
in and for the County of PINAL, State of Arizona,
do hereby certify that the within and following is
a full, true and correct copy of Notice of Location of
PALACE Mining Claim, Pioneer Mining District, Pinal County,
as the same appears of record in my office in
Book No. 32 of Mines,
at page 437 thereof, or under file No.

File of ;

that I have compared the same with the original
record and that the same is a true transcript and
of the whole thereof.

IN WITNESS WHEREOF, I have hereunto
set my hand and affixed the seal of my office,
this 19th day of January, 1918, at
Florence, the County Seat.

W. L. BROWN,
County Recorder,
By M. B. Benscoe
Deputy Recorder.

Amended Notice of Mining Location

LODE CLAIM

Co All Whom it May Concern:

This Mining Claim, the name of which is the **Palace** Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by **Magma Chief Copper Co., By F. T. Pomeroy, Secretary, a Citizen of the United States.**

the undersigned, on the **3d day of January, 1917.**

The length of this claim is **1500** feet,
and **we** claim **50** feet,
in a **westerly** direction and **1450** feet in an **easterly** direction from the center of the discovery shaft, at which this notice is posted lengthwise of the claim, together with **300** feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the **northerly** to the **southerly**

The claim is situated and located in the **Pioneer** Mining District, in Pinal County, in the State of Arizona, about **3000 feet** in a **northerly** direction from **Main shaft of the Magma Mine and about one mile in a northerly direction from the Town of Superior, and about one mile in a southerly direction from the Old Silver King Mine.**

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

a monument of stone

at a point in a **westerly** direction **50** feet from the discovery shaft (at which this notice is poseted), being in the center of the **west** end line of said claim; thence **northerly 300** feet to a **monument of stone**, being the **northwest** corner of said claim; thence **easterly 1500** feet to a **monument of stone**, being at the **northeast** corner of said claim; thence **southerly 300** feet to a **monument of stone** at the center of the **east** end of said claim; thence **southerly 300** feet to a **monument of stone**, being at the **southeast** corner of said claim; thence **westerly 1500** feet to a **monument of stone** at the **southwest** corner of said claim; thence **northerly 300** feet to the place of beginning.

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

This is an Amended Location Notice of the **Palace**

Mining Claim, located by **H. A. Brizzee, K. Pomeroy, E. Pomeroy and H. Stofeny** on the **6th day of Jan. 1906** and recorded in Book **24** of Records of Mines, at

page **158**, in the office of the County Recorder of the aforesaid County of Pinal, to which reference is hereby made, and this amended Location Notice is made and posted to correct errors in the description in the said original Location Notice ----

Dated and posted on the grounds this **3d day of January, 1917.**

**The Magma Chief Copper Co.,
By F. T. Pomeroy, Sec'y.**

Filed and Recorded at the request of **Chalmers, Kent & Stahl, Jan. 16th, 1917,**
at one o'clock P. M. **W. L. BROWN, Recorder,**
Recorded in Book **32 of Mines, p. 437.** **By M. O. Benscoe, Deputy.**

FEB. 11. 1918

RECORDER'S CERTIFICATE.

STATE OF ARIZONA,)
County of Pinal.) ss.

I, W. L. BROWN, County Recorder,
in and for the County of PINAL, State of Arizona,
do hereby certify that the within and following is
a full, true and correct copy of Notice of Location of
TUNA Mining Claim, Pioneer Mining District, Pinal County,
as the same appears of record in my office in
Book No. 33 of Mines,
at page 208 thereof, or under file No.

File of ;

that I have compared the same with the original
record and that the same is a true transcript and
of the whole thereof.

IN WITNESS WHEREOF, I have hereunto
set my hand and affixed the seal of my office,
this 19th day of January, 1918. at
Florence, the County Seat.

W. L. BROWN,
County Recorder,

By M. O. Benscoe
Deputy Recorder.

Amended Notice of Mining Location

LODE CLAIM

To All Whom it May Concern:

This Mining Claim, the name of which is the **Tuna** Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by **The Magma Chief Copper Company, By F. T. Pomeroy, Secretary, a citizen of the United States.**

the undersigned, on the **25th day of January, 1917.**

The length of this claim is **1500** feet,
and **we** claim **129** feet,
in a **southerly** direction and
1371 feet in a **northerly** direction from
the center of the discovery shaft, at which this notice is posted lengthwise of the claim, together with
and 200³⁰⁰ feet on the east side of center, feet in width of the surface grounds, on ~~east~~ **west** side
of the center of said claim. The general course of the lode deposit and premises is from the
south to the **north**

The claim is situated and located in the **Pioneer** Mining District, in
Pinal County, in the State of Arizona, about **3/8 of a mile**
in a **northeasterly** direction from **the main shaft of the Magma Mine,**
and laps on the southeast corner of the New Year, and east end of the
Palace and is bounded on the south by the north line of the Black Rock
Mining Claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

a monument of stone

at a point in a **southerly** direction **129** feet from
the discovery shaft (at which this notice is poseted), being in the center of the **south**
end line of said claim; thence **westerly 300** feet to a **monument of stone**
, being the southwest corner of said claim; thence
northerly 1500 feet to a **monument of stone**, being at the
northwest corner of said claim; thence **easterly 300** feet
to a **monument of stone** at the center of the **north** end of said claim;
thence **easterly ~~xxx~~ 200** feet to a **monument of stone**, being at the
northeast corner of said claim; thence **southerly 1500**
feet to a **monument of stone** at the **southeast** corner of said claim;
thence **westerly 200** feet to the place of beginning.

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

This is an Amended Location Notice of the **of the Amended Location Notice of the Tuna** Mining Claim, located by **the Magma Chief Copper Company on the 4th day of**
Jan. 1917 and recorded in Book **32** of Records of Mines, at
page **332**, in the office of the County Recorder of the aforesaid County of Pinal, to which reference is hereby made, and this amended Location Notice is made and posted to correct errors in the description in the said original Location Notice

Dated and posted on the grounds this **25th day of January, 1917.**

The Magma Chief Copper Company,
By F. T. Pomeroy, Secretary.

Filed and Recorded at the request of **Chalmers, Kent & Stahl, February 13th, 1917,**
at one o'clock P. M. **W. L. BROWN, Recorder,**
Recorded in Book **33 of Mines, page 208.** **By M. O. Benscoe, Deputy.**

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

May 28, 1919

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

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

The Magma Chief Copper Company

known as the Long Wedge, Watson, Picket Post, Palace and Tuna lodes. situate in Pioneer

Mining District, Pinal County, Arizona.

in Section 25 & 26, Township No. 1 S., Range No. 12 E., unsur., and

designated as Survey No. 3482, 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 4 shafts, 12 cuts, 4 tunnels, 1 trench, 4 raises, 10 cuts and 4 stations, total value \$38,616.

As improvement No. 2 on the Long Wedge lode is a common improvement for the benefit and development of this entire group of claims, an undivided 1/5 interest therein, value \$7,246.20, is properly credited to each claim in this survey.

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,

May 28, 1919

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 Magma Chief Copper Company

, known as the Long Wedge, Watson, Picket Post, Palace and Tuna lodes.

situate in Pioneer mining district, Pinal County, Arizona.

in Section s 25 & 26, Township No. 1 S., Range No. 12 E. uns, designated as Survey No. 3482

executed by William C. Goetz, U. S. Mineral Surveyor, April 10-14, 1918, under my instructions dated

February 12, 1918, have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and the Survey they describe, are hereby approved. The certified copy of the location certificate filed by the applicant for survey is on file in this office and a true copy of said certified copy of said location certificate is included and made a part of the transcript of the field notes.

[Handwritten signature]

U. S. Surveyor General for Arizona.