

Fact 28 1937  
Mar. 16

MINERAL SURVEY No. 4201

ARIZONA Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

JOE LARSON

KNOWN AS THE

RADIORE COPPER NO.2, RADIORE COPPER NO.3, RADIORE COPPER NO.4 lodes

VERDE Mining District,

YAVAPAI County, ARIZONA.

Section 25 Township 15 N Range 2 E. Unsur.  
Section 33 and 35, Township 16-16 N, Range 2 E

Surveyed under instructions dated July 30, 1937.

By J. William Weare  
U.S. Mineral Surveyor.

Claim located July 1, 1931, 19

Survey commenced Aug 8, 1937

Survey completed Dec. 27, 1937

Address of claimant Joe Larson  
C/o Dorothy M. Evans, Atty in Fact  
Box 1548, Prescott Arizona.

DATES OF AMENDED LOCATIONS

June 24, 1937

MINERAL SURVEY NO. 4201

Mineral Survey No. 4201 was made with a Lietz Light Mountain transit No. 9503 Model No. 9 with horizontal limb 5 inches in diameter, having double opposite verniers, and full vertical circle 5 inches in diameter, having double opposite verniers; the horizontal verniers reading to thirty seconds of arc, and the vertical verniers reading to one minute of arc; the eye piece is fitted to receive a prismatic eye-piece suitable for making direct observations upon the sun. This instrument is also equipped with a Saegmuller Solar attachment for making observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

Altitude observations of the sun for azimuth, and at noon on the meridian for latitude were made, the details of which observations are shown in the calculation sheets herewith submitted for examination. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.

The lines were measured with a 1/8 inch steel tape 500 feet in length, graduated every foot, <sup>2</sup>which was compared with a steel standard tape at the time of beginning the survey, and found correct.

All lines and connections of this survey were run by direct methods. The magnetic variation observed at each corner of the survey gave a uniform value of 14°-50' E.

RADIOPH COPPER NO. 2 LODE

Beginning at Cor. No. 1 of the Radioph Copper No. 2 lode, where I -

Set a 3/4 inch iron pipe 40 inches long 18 inches in the ground, supported by a substantial mound of earth and rock, fitted with a 3 inch flange and copper plate marked R C 2-1-4201 with center for exact corner point, whence, south  
The corner of Secs. 1, 2, 35, & 36, Ts. 15 & 16 N., R. 2 E., Gila and Salt River ~~Base~~ Meridian brs. S. 58°-57' E. 677.1

feet, whence,

A limestone rock in place 4x2x0.5 feet exposed and chiseled BXR R C 2-1-4201 brs. S.51°-20'W. 6.4 feet.

No other bearings available.

Thence S.16°-44'W.

~~364.7 Intersect the south line of section 35, at a point from which the south corner of sections 35 and 36 bears East 685.1 feet.~~

888.87 Intersect line 3-4 Green Monster Extension lode Sur.No. 1414 at a point from which Cor. No. 3 bears N.71°-30'W. 0.61 feet.

892.7 Intersect line 2-3 Green Monster Extension lode Sur.No. 1414 at a point from which Cor. No. 3 bears N. 7°-45'E. 3.90 feet.

958.0 Cross road and pipe line, bears east to west.

1139.3 Intersect line 2-3 Hope Lode Sur.No. 1541, N.56°-45'E. 552.0 feet from Cor. No. 2.

1277.0 Cross road and pipe line, bears southeast to northwest.

1499.0 Point for Cor.No.2.

This corner falls in a gully where it was impracticable to set a pipe for corner; from this corner, I established a witness corner S.78°-37'W. 15.0 feet,

Set a 3/4 inch iron pipe 40 inches long 18 inches in the ground, supported by a substantial mound of earth and rock, fitted with a 3 inch flange and copper plate marked W C R C 2-2 4201 with center for exact corner point; from the true corner point,

A limestone reef 2x2x0.8<sup>feet</sup> exposed and chiseled BXR

R C 2-2-4201 brs. S.84°-37'W. 15.0 feet

Cor. No. 2 Hope Lode Sur.No. 1541 brs. N.83°-22'W. 360.6 feet.

Cor.No.3 Hope lode Sur. No. 1541 brs. N.17°-30'-00" E. 355.6 feet.

Cor. No. 3 Green Monster Extension lode Sur. N o. 1414 hrs. N.16°-40'-30"E. 610.15 feet.

Thence S.78°-37'W. (from true corner point)

4

15.0 Witness corner <sup>to Cor. No. 2,</sup> previously described.

243.9 Intersect Cor. No. 2 Baltimore No. 1 lode Sur. No. 3245.

265.4 Intersect line 1-2 Hope Lode Sur. No. 1541, S. 46° -12' E.  
135.8 feet from Cor. No. 2, said intersection point being  
identical with intersection of <sup>line 1-2</sup> Hope lode Sur. No. 1541  
with <sup>line 2-3</sup> Baltimore No. 1 lode Sur. No. 3245.

340.1 SOUTH CENTER END, built a substantial mound of stone.

(559.0 Intersect line 2-3 Radiore Copper No. 3 lode of this survey.

577.2 Intersect the north east corner of <sup>Tract "A"</sup> ~~the area excluded from  
Baltimore No. 1 lode and Baltimore No. 2 lode, both Sur.  
No. 3245, at a point from which the southeast corner of  
said <sup>Tract "A"</sup> excluded area brs. S. 15° -52' W. 367.9 and the inter-  
section of the easterly boundary of said <sup>Tract "A"</sup> excluded area with  
line 1-2 Baltimore No. 2 lode, identical with line 3-4  
Baltimore No. 1 lode Sur. No. 3245, brs. S. 15° -52' W. 367.9  
feet.~~

675.0 COR. NO. 3  
On line 2-3 Baltimore No. 1 lode Sur. No. 3245.  
Set a 3/4 inch iron pipe 40 inches long, 1 1/2 inches in the  
ground supported by a substantial mound of earth and rock,  
fitted with a 3 inch flange and copper plate marked  
R C 2-3-4201 with center for exact corner point, whence,  
A limestone reef 4x6x3 feet exposed and chiseled  
BXR R C 2-3-4201 bears S. 61° -04' W. 24.0 feet.  
Cor. No. 2 Radiore Copper No. 3 lode of this survey brs.  
N. 21° -52' E. 1094.0 feet.  
True point for  
Cor. No. 3 Radiore Copper No. 4 lode of this survey brs.  
S. 78° -37' W. 44.8 feet.  
Thence N. 16° -34' E.

1040.0 Intersect line 1-2 Radiore Copper No. 3 lode of this survey.

~~1272.8 Intersect south line of Sec. 35 at a point from which the  
south corner of Sec. 35 and 36 bears East 1310.9 feet.~~

1496.2 Witness corner to Cor. No. 4 of this lode hereafter des-  
cribed.

1496.8 Point for Cor. No. 4.  
This corner falls at a point where it was impracticable  
to set a pipe for corner due to bed rock; from this corner

I established a witness corner S. 16°-34'W. 0.6 feet.

Set a 3/4 inch iron pipe 40 inches long 18 inches in the ground supported by a substantial mound of earth and rock, fitted with a 3 inch flange and copper plate marked W C R C 2-4-4201 with center for exact corner point, whence

No bearings available.

Thence N. 78°-37'E. (from true corner point)

340.1 NORTH CENTER END, built a substantial mound of stone.

680.2 Cor. No. 1 and place of beginning.

RADIORE COPPER NO. 3

Beginning at Cor. No. 1 Radiore Copper No. 3 lode where I -

Set a 3/4 inch iron pipe, 40 inches long, 18 inches in the ground, supported by a substantial mound of earth and rock, fitted with a 3 inch flange and copper plate marked R C 3-1-4201 with center for exact corner point, whence

The south 1/4 corner Sec. 35 T. 16 N. R. 2 E. brs.

N. 66°-38'W. 788.3 feet.

True point for Cor. No. 2 Radiore Copper No. 4 lode of this survey brs.

N. 14°-32'W. 562.8 feet.

No other bearings available.

Thence N. 80°-34'E.

330.0 NORTH CENTER END, built a substantial mound of stone.

547.6 Intersect line 3-4 Radiore Copper No. 2 lode of this survey.

660.0 COR. NO. 2

Set a 3/4 inch iron pipe <sup>40 inches long</sup> 18 inches in the ground, supported by a substantial mound of earth and rock, fitted with a 3 inch flange and copper plate marked R C 3-2-4201 with center for exact corner point, whence

No bearings available.

Thence S. 16°-29'-30"W.

1034.8 Intersect line 2-3 Radiore Copper No. 2 lode of this sur-

vey, identical with line 2-3 Baltimore No.1 lode Survey  
 No. 3245, N.78°-37'E. 398.9 feet from Cor. No. 3<sup>Baltimore No.1 lode,</sup> and 18.2ft.  
 from the northeast corner of <sup>Tract A</sup> ~~the excluded area~~  
 from Baltimore No.s 1 and 2 lode Sur. No. 3245.)

1417.9 Intersect line 3-4 Baltimore No.1 lode identical with line  
 1-2 Baltimore No.2 lode both Sur No. 3245, S.44° -22'E.  
 403.7 feet from Cor. Nos. 3 and 2 respectively, and 13.8  
 feet from ~~its~~ intersection with the easterly boundary of  
~~the excluded area above mentioned.~~

1500.0 COR. NO.3  
 Set a 3/4 inch iron pipe 40 inches long, 18 inches in  
 supported  
 the ground/ by a substantial mound of earth and rock,  
 fitted with a 3 inch flange and copper plate marked R C 3  
 -3-4201 with center for exact corner point, whence,  
 A limestone reef 10x10x10 feet exposed and chiseled BxR  
 R C 3-3-4201, brs. N.76°-51'W. 41.2 feet.

Cor.No.2 Baltimore No.2 lode identical with Cor. No.2  
 Baltimore No.1 lode both Sur.No. 3245, brs. N.35°-11'W. 449.  
 449.5 feet.  
 Thence S.80°-34'W.

330.0 SOUTH CENTER END, built a substantial mound of stone.

634.8 Witness Corner to Cor. No. 4 of this lode hereafter des-  
 cribed.

643.6 Intersect line 3-4 Baltimore No.2 lode Sur.No.3245, S.44°  
 -21'E. 463.6 feet from Cor. No.3.

660.0 Point for Cor. No. 4.  
 This corner falls at a point where it was impracticable to  
 set a pipe for corner due to bed rock; from this corner  
 I established a witness corner N.80°-34'E. 25.2 feet.

Set a 3/4 inch iron pipe 40 inches long, 18 inches in the  
 ground supported by a substantial mound of earth and rock,  
 fitted with a 3 inch flange and copper plate marked W C  
 R C 3-4-4201 with center for exact corner point, From the  
 true point for corner,

A limestone reef 6x4x3 feet exposed and chiseled BxR

R. C 3-4-4201 brs. N.35°-45'E. 35.3 feet.

Cor. No. 3, Baltimore No. 2, lode Sur. No. 3245 brs. N.42°-39'W. 454.4 feet.

Thence N.16°-29'-30"E. (from true corner point)

15.4 Intersect line 3-4 Baltimore No. 2 lode Sur. No. 3245, S.44°-21'E. 446.7 feet from Cor. No. 3

439.4 Intersect line 2-3 Baltimore No. 2 lode Sur. No. 3245 <sup>identical</sup> and with line 3-4 Radiore Copper No. 4 lode of this survey, S.78°-37'W. 272.7 feet from Cor. No. 2, <sup>Baltimore No. 2 lode</sup> and 8.0 feet from the northwesterly corner of <sup>Tract B</sup> ~~the excluded area from the Baltimore Nos. 1 and 2 lodes Sur. No. 3245.~~

1472.1 Intersect line 2-3 Radiore Copper No. 4 lode of this survey.

1500.0 COR. NO. 1 and place of beginning.

RADIORE COPPER NO. 4 lode.

Beginning at Cor. No. 1 Radiore Copper No. 4 lode where I-

Set a 3/4 inch iron pipe 40 inches long, 18 inches in the ground supported by a substantial mound of earth and rock, fitted with a 3 inch flange and copper plate marked R C 4-1-4201 with center for exact corner point, whence,

The south 1/4 <sup>Sec.</sup> corner Section 35, T. 16 N. R. 2 E. brs. S.2°-00'E. 114.2 feet.

No other bearings available.

Thence N.78°-37'E.

298.2 NORTH CENTER END, built a substantial mound of stone.

598.2 Point for Cor. No. 2

This corner falls at a point where it was impracticable to set a pipe for corner due to bed rock; from this corner, I established a witness corner S.13°-08'E. 0.3 feet.

Set a 3/4 inch iron pipe 40 inches long, 18 inches in the ground supported by a substantial mound of earth and rock fitted with a 3 inch flange and copper plate marked W C R C 4-2-4201 with center for exact corner point, whence,

No bearings available.

Thence S.13°-08'E. (from true corner point)

0.3 Witness Corner to Cor. No.2 of this lode heretofore described.

~~269.2 Intersect the south line of Sec. 25 at a point from which the south 1/4 corner of Sec. 35 bears west 642.6 feet.~~

586.7 Intersect line 1-4 Radiore Copper No.3 lode of this survey.

1500.0 Point for Cor. No. 3.

On line 2-3 Baltimore No.1 lode Sur.No.3245.

This corner falls at a point where it was impracticable to set a pipe for corner; <sup>due to bed rock</sup> from this corner, I established a witness corner S.78°-37'W. 4.2 feet.

Set a 3/4 inch iron pipe 40 inches long, 18 inches in the ground, supported by a substantial mound of earth and rock, fitted with a 3 inch flange and copper plate marked W C. R C 4-3-4201 with center for exact corner point; from the true corner point,

A limestone reef 4x6x3 feet exposed and chiseled BxR R C 4-3-4201 hrs. S.85°-55'E. 27.1 feet.

No other bearings available.

----- Thence S.78°-37'W.(from true corner point)

4.2 Witness corner to Cor. No.3 of this lode heretofore described.

238.1 Point for Cor. No.3 Baltimore No.1 lode identical with <sup>point</sup> for Cor. No.2 Baltimore No.2 lode Sur.No. 3245

300.0 SOUTH CENTER END, built a substantial mound of stone.

502.8 Point for northwest corner of <sup>Tract B</sup> ~~xxxxxx from Baltimore No.1 lode~~, whence the southwest corner of said Tract B hrs. S. 13°-51'W. 421.6 feet and from said southwest corner, the southeast corner of said <sup>Tract B</sup> ~~xxxxxx~~ area) hrs. N. 80°-42'E. 617.6 feet.

510.8 Intersect line 4-1 Radiore Copper No.3 lode of this survey.

600.0 COR.NO.4.

On line 2-3 Baltimore No.2 lode Sur. No. 3245, N.78°37'E. 352.1 ft. from Cor. No. 3.

Set a 3/4 inch iron pipe 40 inches long, 18 inches in the ground, supported by a substantial mound of earth and rock, fitted with a 3 inch flange and copper plate marked



R C 4-4-4201 with center for exact corner point, whence,  
No bearings available.

Thence N.13°-04'W.  
~~1752.1 Intersect the south line of Sec. 35 at a point from which~~  
~~the South 1/4 corner of Sec. 35 bears WEST 28.4 feet.~~  
1500.0 COR. NO.1, and place of beginning.

LODE LINES

The presumed course of the vein of each of the several locations embraced in this survey, counted from the respective points of discovery, is as follows:

RADIORE COPPER NO.2 lode  
N.16°-44'E. 1044.0 ft. and S.16°-44'W. 455 feet.

RADIORE COPPER NO.3 lode  
N.16°-29'-30"E. 470 feet and S.16°-29'-30"W. 1030 ft.

RADIORE COPPER NO.4 lode.  
N.13°-08'W. 970 ft. and S.13°-08'E. 530 feet.

AREA

RADIORE COPPER NO.2 lode  
Total area - - - - - Acres  
20.567

Area in conflict with  
Radiore Copper No.3 lode of this survey 2.424  
Hope lode Sur.No. 1541 1.805  
Green Monster Extension lode Sur.No. 1414 0.000  
(nominal),

RADIORE COPPER NO.3 lode.  
Total area - - - - - 20.440

Area in conflict with  
Tract "A", hereinafter described. 1.429  
Tract "B", hereinafter described 4.310  
Baltimore No.1 lode, Sur.No. 3245 1.550  
Baltimore No.1 lode Sur.No. 3245 exclusive of  
its conflict with Tract "A" 0.121  
Baltimore No.2 lode Sur.No. 3245 4.611  
Baltimore No.2 lode Sur.No. 3245, exclusive of  
its conflict with Tract "B" 0.302

RADIORE COPPER NO.4 lode  
Total area - - - - - 20.621

Area in conflict with  
5 Radiore Copper No.3 lode of this survey 5.352

TRACT "A"

That portion of Survey No. 3245 Baltimore No.1 lode in conflict with Radiore Copper No.3 lode of this survey, excluded by said Baltimore No.1 lode in favor of a location now abandoned, ~~is~~ bounded and described as follows:

Beginning at Cor. No.3 Baltimore No.1 lode,  
Thence N.78°-37'E. 380.7 feet to easterly boundary of excluded area;  
Thence S.15°-52'W. 367.9 feet to line 3-4 Baltimore No.1 lode;  
Thence N.44°-22'W. 389.9 feet place of beginning.

Tract "A" contains 1.429 acres.

#### TRACT "B"

That portion of Survey No. 3245 Baltimore No.2 lode in conflict with Radiore Copper No.3 lode of this survey excluded by said Baltimore No.2 lode in favor of a location now abandoned, ~~is~~ bounded and described as follows:

Beginning at Cor. No.2 Baltimore No.2 lode,  
Thence S.44°-22'E. 389.9 feet to easterly boundary of excluded area;  
Thence S.15°-52'W. 86.3 feet to its southeast corner;  
Thence S.80°-42'W. 617.6 feet to its southwest corner;  
Thence N.13°-51'E. 421.6 feet to line 2-3 Baltimore No.2 lode;  
Thence N.78°-37'E. 264.7 feet to place of beginning.

Tract "B" contains 4.310 acres.

#### LOCATION

This survey is located in the North 1/2 of Sec.2 T.15 N. R.2 E. unsurveyed and South 1/2 of Sec. 35 T.16 N.R.2 E. of the Gila and Salt River ~~Base~~ and Meridian, in the Prescott National Forest, Yavapai County State of Arizona.

The survey of the Radiore Copper No.2, Radiore Copper No.3 and Radiore Copper No.4 lodes is identical with the respective amended locations as marked on the ground.

#### 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 lode locations embraced in said mining claim by the claimant or his grantors is not less than five hundred dollars, and that

said improvements consist of:

RADIOPRE COPPER NO.2 lode

No.1 The discovery cut of the Radiopre Copper No.2 lode, the face of which is on the lode line, and bears S.16°-44'W. 1044 feet from the North Center end, 4x17x11 foot face, bears westerly.

Value \$100.00

No.2 A tunnel 4x6 feet in size, the portal of which bears N.14°-45'W. 472 feet from Cor. No.2; cut bears N.44°E. 18 feet to its mouth, being 4x18'x16 foot face; and tunnel extends S.44°W. 21.0 feet to point from which a crosscut bears S.16°E. 33.5 feet and main tunnel bears S.44°W. 101 feet, having a total length of tunnel 4x6x 155.5 ft. Claimant has retimbered and opened up portal of the old tunnel and driven 36.5 feet of tunnel.

Value \$400.00

No.3 A tunnel 4x6 feet in size, the portal of which bears N.22°-00'W. 510 feet from Cor. No.2, the cut bears N.68°-00'E. 15 ft. to its mouth, being 4x15x 10 foot face; and tunnel extends S.68°-00'W. 192.0 feet to a point, thence S.18°W. 52 feet to face; having a total length of tunnel 4x6x244 ft. Claimant has retimbered and opened up portal of the old tunnel and driven 9.0 feet of tunnel.

Value \$150.00

RADIOPRE COPPER NO.3 lode

No.1 The discovery cut of the Radiopre Copper No.3 lode, the face of which is on the lode line, and bears S.16°-29'-30"W. 470 feet from the North Center End, 4x18x10 foot face, bears southeasterly

Value \$100.00

No.2 A tunnel 4x6 feet in size, the portal of which bears S.12°-40'E. 501.0 ft. from Cor. No.1, the cut bears N.8°-21'W. 18 feet to mouth, being 4x18x10 foot face; and tunnel extends S.8°-21'E. 38.0 ft to a point; thence S.0°-49'W 28.0 ft to a point on line 2-3 Radiopre Copper No.4 lode; thence S.0°-49'W. 66.0 feet to face; having a total length of 132 feet, of which total length, 66 feet of tunnel is on the Radiopre Copper No.3 lode, and 66 feet

on the Radiore Copper No.4 lode. Claimant has driven all of this tunnel and cut.

Value of cut and 66 ft. of tunnel on Radiore Copper No.3 lode, (\$100 and \$660) \$760.00

~~On Radiore Copper No.3 lode~~ Tunnel \$660.00

RADIORE COPPER NO.4 lode  
No.1 The discovery cut of the Radiore Copper No.4 lode, the face of which is on the lode line, and bears S.13°-08'E. 970 feet from the North Center End, 4x20x10 foot face. bears westerly.

Value \$100.00

To be accredited to this lode is 66 feet of tunnel in Improvement No.2 Radiore Copper No.3 lode, such 66 feet being located on this claim. Value \$660.00

OTHER IMPROVEMENTS.

None.

OTHER CORNER DESCRIPTIONS

land  
The corners of the Public survey mentioned herein are pipe, with cap corners, properly set and marked as called for in the field notes of the Public Land Survey.

The corners of this survey are 3/4 in. iron pipe 40 inches long firmly driven 18 inches into the ground and supported by a substantial mound of earth and rock. A 3/4 inch floor flange, of cast iron, three inches in diameter, having three or four bolt holes and threaded, has been fitted to threaded top of pipe. A three inch diameter copper plate neatly bolted to the floor flange gives a smooth marking surface. upon which the designation of each corner has been stamped with steel dies.

Mineral Survey No. 1414. Green Monster Extension lode

The corners of this survey are stones properly set and marked as called for in the official records of said survey.

Mineral Survey No.1541 Hope lode.

The corners of this survey are stones properly set and Marked as called for in the official records of said survey.

Mineral Survey No. 3245, Baltimore No.1 and Baltimore No.2 lodes.

The corners of this survey are stones properly set and chiseled as called for in the official records of said survey.

The discrepancies found existing between the claim as marked by the location monuments and as described in the location notices are due to errors in the location notices.

Report

Owing to the distance from the nearest Notary Public and the expense and delay which would be involved, for my assistant to reach him, I took the acknowledgment of my assistant in my capacity as a Mineral Surveyor.

*William W. Ward*  
Mineral Surveyor G.L.O.

# FINAL OATHS FOR SURVEYS

## LIST OF NAMES

A list of the names of the individuals employed by J. William Waara

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

JOE LARSON

known as the RADIORE COPPER NO. 2, RADIORE COPPER NO. 3, RADIORE COPPER NO. 4 lodes and showing the respective capacities in which they acted.

- C. Zardeneta, Chainman.
- ....., Chainman.
- ....., Axman.
- ....., Flagman.

## FINAL OATHS OF ASSISTANTS

We, C. Zardeneta

and ....., do solemnly swear that we assisted J. William Waara

....., United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Joe Larson

known as the RADIORE COPPER NO. 2, RADIORE COPPER NO. 3, RADIORE COPPER NO. 4 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 instructions furnished by the Office Cadastral Engineer, at Phoenix Arizona.

- C. Zardeneta, Chainman.
- ....., Chainman.
- ....., Axman.
- ....., Flagman

Subscribed and sworn to by the above-named persons before me this 5th

day of January, 19 38

J. William Waara  
Mineral Surveyor G. I. O.

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

I, J. William Waara, ~~U.S.~~ Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the Office Cadastral  
Engineer, at Phoenix Arizona, dated July 30, 1937,  
I have, in strict conformity to the laws of the United States, the official regulations  
and instructions thereunder, and the instructions of said Office Cadastral Engineer,  
faithfully and correctly executed the survey of the mining claim of  
Joe Larson, known as the  
Radiore Copper No. 2, Radiore Copper No. 3, Radiore Copper No. 4 lodes,  
situate in Verde Mining District,  
Yavapai County, Arizona, in Section  
2 T. 15 N. R. 2 E. Unsur.  
35, Township No. 16 N., Range No. 2 E.  
and designated as Survey No. 4201, 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 Office Cadastral Engineer  
with said instructions, and that all 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 im-  
provements made upon said mining claim by claimant or his  
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 in-  
cluded in the estimate of expenditures upon any other claim.

J. William Waara  
(~~U.S.~~ Mineral Surveyor)

Subscribed and sworn to by the said J. William Waara  
~~U.S.~~ Mineral Surveyor, before me a Notary Public

this fifth  
day of January, 1938.

Daisy D. Jones  
Notary Public

My commission expires January 7 - 1940  
1938

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona

April 18, 1938

I, Office Cadastral Engineer at Phoenix, Arizona

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

Joe Larson

known as the RADIOPH COPPER NO. 2, RADIOPH COPPER NO. 3, & RADIOPH COPPER NO. 4 Verde lodes

situate in Verde Mining District Yavapai County Arizona

in Section 2 35 Township No. 15 N., Range No. 2 E., Unsur., & 16 N., Range No. 2 E., and

designated as Survey No. 4201, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant or his grantors,

and that said improvements consist of 4 outs and 1 tunnel, also opening up the portals and retimbering two old tunnels and extending same 45.5 ft., total value \$2270.

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.

Sherman C. Fiske Office Cadastral Engineer.



CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR PUBLIC SURVEY OFFICE

At Phoenix, Arizona

April 18, 1938

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of

Joe Larson

, known as the

RADIORE COPPER NO. 2, RADIORE COPPER NO. 3, & RADIORE COPPER NO. 4 lodes

situate in Verde mining district,

Yavapai County, ARIZONA

in Sections 2, 35 Township No. 15 N., Range No. 2 E., Unsur., & Township No. 16 N., Range No. 2 E.

, designated as Survey No. 4201

executed by J. William Waara, M.S. Mineral

Surveyor, August 8 - December 27, 1937, under my instructions dated

July 30, 1937, 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.

Sherman C. Fiske Office Cadastral Engineer.

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)  
BUREAU OF LAND MANAGEMENT M.S. 4201  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The Radiore Copper No. 4 lode, Mineral Survey No. 4201, located in approx. section 1, Township 15 North, Range 2 East (unsurveyed) and section 36, Township 16 North, Range 2 East, Gila and Salt River Meridian, Arizona, is hereby canceled.

This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Radiore Copper No. 4 lode, M.S. 4201, was canceled June 30, 2008, by memo 9605 (956) M.S. 4201, which is now a part of the original field notes."

June 30, 2008  
Date

Stephen K. Hansen  
Chief Cadastral Surveyor of Arizona