

4-683.

MINERAL SURVEY No. 3020 A & B

LOT No. ....

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

CONSOLIDATED ARIZONA SMELTING COMPANY

KNOWN AS THE

COPPER LINK COPPER LINK MILL-SITE

PECK Mining District,

YAVAPAI County, ARIZONA, approximately

in Sections 17-18-19-20, Township 11 N., Range 1 E unsurveyed

Surveyed under instructions dated Sept. 14, 1912

by J. William Waara U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced Sept. 18, 1912, 19

Survey completed Sept. 20 1912, 19

Address

Anderson and Lamson Attys.

Prescott Arizona.

SURVEY NO. 3020 A & B

COPPER LINK

Beginning at Cor.No.1 on line 1-2 Elephant Lode Sur.

No.1462, a shist stone 5-14-26 inches long set 12 inches in the ground with a substantial mound of stone alongside; chiseled C L-1-3020 A on East face with cross on top for exact corner point, from which point,

U.S.M.M.NO.2 P.M.D. Brs. N.45°-31'W. 270.3 ft.

SUR.No.1534

The west corner of Copper Link lode/ being location monument, brs. N.62°-14'W. 17.4 ft.

Cor.No.1 Copper Link Lode Sur.No.1534, identical with Cor. No.2 Copper bar Lode Sur.No.1462 Amended, and N.C.End of Elephant Lode Sur.No.1462, brs.N.62°-14'W.17.4 feet.

Thence N.27°-43'E.

76.16 Intersect line 2-3 Triumvirate Lode Sur.No.322, S.45°-00'E. 235.81 feet from Cor.No.2 Triumvirate Lode.

750.00 West side center Of Copper Link.lode Sur.No.1534, brs. N.62°-14'W. 9.0 ft.

869.94 intersect line 1-2 triumvirate Lode Sur.No.322, N.45°-00'E. 757.88 feet from Cor.No.2 Triumvirate Lode.

984. Cross road course east to west.

1462.1 To COR.No.2 Copper Link Lode, identical with Cor.No.2 Copper Link Lode Sur.No.1534, a slate rock 8-12-20 inches long set 12 inches in the ground with a substantial mound of stone alongside, chiseled C L-2-3020 A on south face with cross on top for exact corner point.

No bearings available.

This corner is also identical with Cor.No.3

Copper Bar Lode, Cor.No.1 Washington Lode and Cor.No.1

Homestake Lode Amended Sur.No.1462 Amended

Thence S.62°/14'E.

184.25 intersect line 1-2 Triumvirate Lode Sur.No.322,

- S.45°-00'W. 72.07 feet from the point for Cor.No.1, and N.45°-00'E. 1377.93 ft. from Cor. No.2.  
Triumvirate lode.
- 300.00 North Center End Copper Link Lode, a mound of stone.
- 301.5 N.C.End Copper Link Lode Sur.No.1534 and S.C.End Homestake Lode Sur.No.1462 Amended.
- 427.07 Intersect line 1-4 Triumvirate Lode Sur.No.322, S.45°-00'E 231.90 ft. from the point for Cor.No.1 Triumvirate Lode
- 583.20 Witness corner to Cor.No.3 Copper Link Lode Sur.No.3020A hereinafter described, for exact corner point
- 600.00 To COR.No.3 Copper Link Lode, identical with Cor.No.3 Copper Link Lode Sur.No.1534, Homestake Lode Sur.No.1462 amended, and Cor.No.4 Hot Number Lode Sur.No.1462, also being the west corner of the Snap Shot lode unsurveyed, a quartzite stone 8-12-18 inches long set 6 inches in the ground with a substantial mound of rock alongside, chiseled C L-3-1534, H-2-1462 and H N-4 1462, with cross on top for exact corner point, from which point:  
A rock in place 6"-3'-2.5 ft. exposed, and chiseled W.C.-X- C L-3-3020 A, brs. N.62°-14'W. 16.8 ft (Witness Cor).  
A rock in place 6-6-12 ft. exposed, and chiseled BxR C L-3-3020 A, brs. N.79°-08'W. 26.3 ft.  
Thence S.27°-43'W.  
53.82 intersect line 1-4 Triumvirate lode N.45°-00'W. 186.57 ft. from the point for Cor.No.4 Triumvirate lode, and S.45°-00'E. 113.00 cross road course east to west
- 681.86 Intersect line 3-4 Triumvirate lode Sur.No.322, N.45°/00'E. 850.31 feet from the point for Cor.No.3 Triumvirate Lode
- 722.0 East side center, a mound of stone
- 993.00 Cross incline tram course northwest to southeast.
1104. Cross trail course NW to SE
1296. Cross small gulch flows from west to east
- 1462.1 To COR.No.4 Copper Link Lode, identical with Cor.No.4 Copper Link Lode Sur.No.1534, Cor.No.1 Hot Number Lode Sur.No.1462, and N.C.End McKinley Lode Sur.No.1462, a quartzite stone 8-12-18 inches long set 8 inches in the ground with a substantial mound of stone alongside,

chiseled C L-4-3020 A and 1534 on North face, N E C-1462 on south face and H N-1-1462 on east face with cross on top for exact corner point, from which point,

Cor.No.1 Copper Link Mill-Site Sur.No.3020 B, brs. S.45°-45'12" E. 4606.2 ft.

No other bearings available

" " " Thence N.62°-14'W. " " 1.02

242.41 Intersect line 3-4 Triumvirate lode Sur.No.322, N.45°-00'E 33.32 ft. from the point for Cor.No.3 Triumvirate Lode

300.00 South Center End Copper Link lode, a mound of stone

302.4 Cor.No.1 McKinley Lode, identical with Cor.No.3 Elephant lode Sur.No.1462, and S.E.Center Copper Link Lode Sur.No.1534.

354.76 Intersect line 2-3 Triumvirate Lode Sur.No.322, N.45°-00'W.

600.00 107.35 ft. from the point for Cor.No.3, and S.45°-00'E.492.65 ft. from Cor. No.2 Triumvirate Lode. To place of beginning.

All corners are identical with their respective locations except in the case of Cor.No.1 as mentioned above. Variation at all corners 15°-00'E.

LODE LINES

As near as can be determined from present developments the veins of the location embraced in this survey extends as follows from its discovery point;

Copper Link Lode, N.27°-43'E. 698.0 and S.27°-43'W. 764.0 ft.

COPPER LINK MILL-SITE.

SUR.NO.3020 B

Beginning at Cor.No.1, a shist stone 4-16-24 inches long set 12 inches in the ground, with a post surrounded by a mound of stone alongside, chiseled C L M S-1-3020 B with cross on top for exact corner point, from which point;

U.S.M.M.NO.2 P.M.D. brs. N.47°-31' 52" W. 5454.1 ft.

Cor.No.4 Copper Link Lode Sur.No.3020 A, brs.

N.45°45'12"W. 4606.2 ft.

No other bearings available.

Thence N.63°00'E.

.251.3 N.E.Rail, Prescott & Eastern R.R. (Local called Bradshaw Mountain R.R.) Course NW to SE.

271.5 North East rail of track, course NW to SE

290.1 " " " " " "

363.7 Witness corner to Cor.No.2 Copper Link Mill-Site, hereinafter described.

377.00 To COR.NO.2 Copper Link Mill-Site, being a point under foundation of old oil tanks where it was impracticable to set a stone for cor, from which point,

A shist stone 6-12-30 inches long set 15 inches in the ground, with a substantial mound of stone alongside, chiseled W C-2-C L M S } 3020 B, with cross on top for (being the Witness Corner for Cor. No. 2), exact corner point, brs. S.63°00'W, 13.3 ft.

No other bearings available

Thence S.38°34'E. (From true Cor.Pt.)

1.59 Intersect Line 1-4 Middleton No.2 Lode and line 2-3 Extension No.3 Lode and 720 ft from Cor.No.1 & Cor.No.2 respectively  
456.33 To COR.NO.3 Copper Link Mill-Site, being a point on nearly perpendicular bank of wash where it was impracticable to set a stone for corner, from which point,

A witness corner, being a quartzite stone, 6-12-24 inches long set 12 inches in the ground with a substantial mound of stone alongside, chiseled W C-3-C L M S } 3020 B with cross on top for exact corner point, brs. S.63°00'W. 6.00 ft.

No other bearings available.

Thence S.63°00'W. (from true Cor.pt.)

6.0 Witness corner to Cor.No.3 Copper Link mill-Site, heretofore described.

441.8 Center east rail of track course north to south

461.9 " " " " " " " "

595.5 To COR.NO.4 Copper Link Mill-Site, a shist stone 4-8-36 inches long set 12 inches in the ground with a post, surrounded by a mound of stone, alongside, chiseled C } L-M-S-4-3020 B on north face with cross on top for exact corner point.

No bearings available.

Thence N.11°09'W. 177.00 Center SE rail of track course NE to SW.  
 426.78 Intersect line 1-4 Middleton No.2 lode sur.No.2346, identical with line 2-3 Extension No.3 Lode Sur.No.2346,  
 N.57°51'E.497.75 ft. from Cor.No.1 Middleton No.2 Lode. and 330.75 ft. from Cor.No.2 Extension No.3 lode.  
 464.7 To place of beginning.

All corners are identical with their respective locations. Variation at all corners, 14°-15'E.  
 Containing 4.990 acres.  
 Value \$100.00

	Acres	Acres
Total area Copper Link Lode Sur.No.3020A	-----	20.137
Area in conflict with		
Copper link Lode Sur.No.1534	-----	20.137
Triumvirate Lode Sur.No.322	-----	16.403
Total area Copper Link Mill-Site	-----	4.990
Area in conflict with		
Middlton No.2 Lode Sur.No.2346	-----	4.825
Extension No.3 Lode " " "	-----	0.165

LOCATION

This survey is located within the Prescott National Forest, in approximately Secs. 17-18-19-R9, T.11 N.R.1 E. unsurveyed of the Gila and Salt River Base and Meridian, in the Peck Mining District, Yavapai County, Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improvements made upon, or for the benefit of, the lode

the location embraced in said mining claim by the claimant or its grantors is not less than five hundred dollars, and that said improvements consist of:

No.1 The discovery monument, located on the center line and ledge of claim, N.27-43'E. 764 feet from the south center end and S.27-43'W. 698 ft from the north center end of this claim.

No.2 Discovery shaft, 4x6x10 ft. deep (caved), ----- the center of which, brs. N.5-17'E. 824 ft. from Cor.No.4  
Value \$100.00

No.3 A tunnel, the mouth of which brs. S.54-25'W. 744 ft. from Cor.No.3, running S.81-00 W. 45 ft end of open cut having 15 ft. face and mouth of tunnel proper, 54 ft at turn, thence N.65-00'W. 24 ft to face. 4x6x33 ft of tunnel and 4x 45x 15 ft. face of open cut.  
Value \$760.00

No.4 A tunnel, the mouth of which brs. N.2-58'E. 806 ft. 4x6<sup>#</sup> running N.43-11'W. 60 ft. to face thence to right at right angles to tunnel course 6.0 ft. center of winze 4x6x40 ft. deep.  
Value \$1000.00

No.5 A tunnel, the mouth of which brs. N.00-13'W. 705 ft. from Cor. No.4 4x6<sup>#</sup> running N.28-00(W. 62 ft.  
Value \$620.00

No.6 A tunnel, the mouth of which brs, S.48-29'W. 693 ft., 4x6<sup>#</sup> running N.86-00'W. 47.0 ft drift to left, inaccessible, 71.0<sup>#</sup> face of tunnel. (Only main tunnel valuation is given here.)  
Value \$710.00

No.7 A tunnel, the mouth of which brs. N.27-27'W. 483 ft., 4x6<sup>#</sup> running N.13-46'E. 75.0 ft. Sta.1, whence a cross cut runs N.17-36'W. 15.0 ft., also cross cut runs N.85-32(E. 38.5 ft.; thence from sta. 1, N.31-56'E. 52.3 ft to sta.2, whence a cross cut runs N.31-40'W. 38.3 ft.; Thence from sta.2, N.35-16'E. 25.2 ft., to sta.3, whence a cross cut runs S.60-51'E. 44.0 ft.; thence from sta.3 N.53-29'E. 14.0 ft. to sta.4, thence N.21-01'E. 18.2 ft. to sta. 5

thence from sta. 5, N.10°-22'E. 36.5 ft. to sta. 6, ;  
 whence a cross cut runs N.85°-09'E. 22.7 ft. to sta. 6A,  
 thence from sta. 6, N.13°-01'E. 10.7 ft. to sta. 7, ; whence a  
 cross cut runs N.33°-06'W., at 24.0' shaft (covered), and  
 drift to right 10 ft., 72.0' face of Cross cut, ; thence  
 from sta. 7 N.40°-14'E. 50.0' hoist station 10' x 15' at right  
 angles to left, 81.0 ft. to sta. 8, thence N.56°-39'E.  
 at 18.0 ft. runs a cross cut to left 20.0 ft., 66.0' to  
 sta. 9, whence runs a cross cut to left at Rt. /s 20.0 ft.,  
 thence from sta. 9 N.72°-29'E. 94.5 ft. to sta. 10, thence  
 N.46°-14'E. 65.0 ft. to sta. 11, thence N.31°-36'E. 84.0  
 ft. to sta. 12, thence N.38°-14'E. 156.0 ft. to sta. 13,  
 thence N.12°-00'W. 48.0 ft. to face, where it connects  
 with shaft No. 10 from the surface.

From sta. 6A runs a drift N.28°-53'E. at 20.0' ore  
 chutes from "125 ft. level above", 38.2 ft. sta. 6B,  
 thence from sta. 6 B, N.28°-53'E. 6.0 ft. center of shaft  
 to 300, 400 and 500 foot levels, (inaccessible), also  
 runs a drift to connect with drift 7-8 at the hoist sta.

From the most reliable information that can be had, the  
 amount of work done on the 300 foot level is about 560'  
 lineal feet of drifting, on the 400 foot level <sup>about</sup> 270 feet  
 of drifting, and on the 500 foot level, about 90 lineal  
 ft. of drifting, together with 300 ft. of shaft, making  
 a total of 1220 feet of workings inaccessible below this  
 tunnel level. Inaccessible workings -- Value \$12200.00  
 feet of  
 No. 7 total, 1151' Accessible workings -- Value \$11500.00  
 O.K.

No. 8 A tunnel, the mouth of which brs. N.14°-06'W.  
 538 ft from Cor. No. 4, 4x6' running N.35°-29'E. 38.7 to sta.  
 1, thence N.7°-00'E. 42.6 ft to sta. 2, whence a drift  
 runs N.36°-00'E. 15.0 ft., thence from sta. 2 N.15°-39'W.  
 15.0 ft to sta. 3, thence N.54°-17'E. at 15.0 ft. ore  
 chutes, to No. 7 or 200 foot tunnel, 27.4 to sta. 4,  
 thence N.36°-32'E. 33.0 ft to sta. 5, thence N.00°-12'W.  
 29.3 ft to sta. 6, thence N.52°-08'W. 21.3 ft. to sta. 7

thence N.1°-03'W. 19.2 ft to sta. 8, thence N.42°-39'E. 17.0 ft. to sta. 9, thence N.44°-45'W. 27.2 ft. to sta. 10, also S.73°-45'E. 14.0 ft. face of cross cut, thence from sta. 10 S. 52°-47'W. 12.5 ft. to face of drift, also N.43°-07'W. 55.6' face of drift at intersection of cross cut from right, also N.52°-47'E. at 23.0 ft. sta. 11, at 39.7' sta. 12., thence from sta. 11 N.21°-03'W. 36.8 ft to sta. 14, thence from sta. 14 N.29°-26'W. 12.0 ft. to sta. 15, whence a cross cut runs S.57°-32'W. 72.0 ft to face being cross cut mentioned as intersecting drift running northwesterly from sta. 10., thence from sta. 15, N.25°-11'W. 27.3 ft. to sta. 16, thence N.39°-58'W. 20.8 ft. to sta. 17, also from sta. 17, N.42°-00'E. 24.3 ft. to sta. 19, thence from sta. 19 N.57°-31'W. 36.0 ft to face of drift, also N.8°-29'E. 21.0' to sta. 20, thence N.25°-09'E. 42.5 ft. to face. Thence from sta. 17, N.39°-58'W. 20.8 ft. to sta. 18, whence a cross cut runs S.17°-39'W. 32.0 ft. to face, also a drift runs N.15°-12'W. 34.0 ft. to face. From sta. 12 S.55°-18'E. at 71.5 ft. an incline shaft 75.0 ft deep, to 200 foot level below, 16.0' to face of drift, thence from sta. 12, N.17°-11'E. 19.8 ft. to sta. 13, thence N.29°-00'W. 30.0 ft. to face, whence a cross cut, brs. to left 24.0 ft. to sta. 14, making a total of 1026.2 ft. of drifts, cross-cuts and shafts, in No. 8 Tunnel-- Value \$10260.00

No. 9. A tunnel, <sup>caved</sup> the mouth of which brs. N.16°-49'W. 235.0 ft. from Cor. No. 4, 4x6' running N.27°-00'E. 10 ft.

Value \$100.00

No. 10. A shaft, the center of which brs. S.61°-28'W. 497.0 ft. from Cor. No. 3, incline, 4x6x40 ft. deep brs. N.62°-14'W.

Value \$400.00

OTHER IMPROVEMENTS

Tram road from mouth of Tunnel No. 7 to incline tram now torn up and abandoned.

Incline tram now torn up and abandoned.

A wagon road crosses the claim on the north end.

COPPER LINK MILL-SITE

Improvements.

A power house, 24x65', the north corner of which bears true S. 51-01' W. 53.0 ft. from point for Cor. No. 2.

A house, 24x34', the south gable of which bears S. 28-19' E. 189 ft. from Cor. No. 2.

A house, 14x16', the east gable of which bears S. 64-31' E. 157.5 ft. from Cor. No. 1.

The remaining improvements consisting of Depot, warehouse main line and side tracks, switches and turn table are property of the Prescott and Eastern Railroad.

REPORT

ADJOINING CLAIMS.

Copper Bar Lode Sur. No. 1462 Amended, owned by Consolidated Arizona Smelting Co.

Star fraction, unsurveyed and true boundaries unknown, ownership probably with Consolidated Arizona Smelting Co.

On the North end line

Homestake Lode Sur. No. 1462 Amended, owned by Consolidated Arizona Smelting Co.

On the East side line

Hot Number Lode Sur. No. 1462, owned by Consolidated Arizona Smelting Co.

On the South end Line

McKinley, and Elephant Lodes Sur. No. 1462, owned by the Consolidated Arizona Smelting Co.

In conflict with Copper Link Lode, Sur. No. 1534, and Triumvirate Lode, Sur. No. 322.

Copper Link Mill-Site.

On the northwest side, Extension No. 2 Mill-Site, owned by the Consolidated Arizona Smelting Co. (Unsurveyed), also the Extension No. 3 Lode Sur. No. 2346

On the remaining sides, by the Middleton No. 2 Lode claim Sur. No. 2346, patent applied for (but not allowed) by the DeSoto Mining Co., now in the Consolidated Arizona Smelting Co. Claim abandoned.

Improvements

A power house, 24x38, INSTRUMENT corner of which pre-

This survey was made with a Lietz Light Mountain transit-theodolite, No. 13-5929. The courses were deflected from the true meridian as determined by observations by the use of the Saegmuller Solar Attachment. The distances were measured with a 150 ft. and 300 ft. steel tape.

The remaining improvements consisting of

main line and side tracks, switches and turn table are property of the Prescott and Eastern Railroad.

REPORT

U.S.M.M. NO. 2 P.M.D. is a rock in place with a substantial mound of stone surrounding a pine post, alongside, chiseled with a cross in addition to U.S.M.M. NO. 2 P.M.D. It stands on a very top of a ridge bearing NE to

Copper Bar Sur. No. 1462 Amended, owned by Consolidated

A traverse line was run by me from this monument west to the Gila and Salt River base and Meridian and after very diligent search, no corners of the Public Survey could be found standing, and which could be identified, within two miles of the claim.

Cor. No. 2 of the Triumvirate Lode is a stone or rock in place as described in the field notes for said claim, chiseled T-2, with no monument alongside. From this corner, U.S.M.M. No. 2 P.M.D. brs. S. 53-57' W. 76.16 ft.

Corners No. 1-3-4 of Triumvirate Lode Sur. No. 322 are not standing, as very diligent search was made for said corners in the radius of where the point for corner fell, and no monument or marked stone could be found and identified as the missing corners. Points for above corners were determined from the calls in the official record of Sur. No. 322 Survey No. 1462 Amended, Copper Bar and Homestake Lodes:

All of the corners adjoining Copper Link Lode are stones properly set and chiseled with the number of the corner and survey. I do not agree with courses and distances

OF THE above mentioned claims i.e.,

East side line of Copper Bar.

South end line of Homestake, from cor.No.1 to SC End  
and S.C.End to Cor.No.2

Also tie of Cor.No.1 Homestake to U.S.M.M. NO.2 P.M.D.

Survey No.1462, Elephant, McKinley and Hot Number

Lodes:

All corners adjoining Copper Link Lode are stones properly  
set and chiseled with the number of the corner and survey.

I do not agree with courses and distances of the above  
mentioned claims i.e.,

North end line Elephant Lode, from Cor.No.2 to N.C.End  
of this lode.

North end line McKinley Lode, from Cor.No.1 to N.C.  
End of this lode. Also tie of Cor.No.1 McKinley Lode to  
U.S.M.M.No.2 P.M.D.

West side line of Hot Number Lode. Also the tie from  
Cor.No.1 Hot Number Lode to U.S.M.M.No.2 P.M.D.

Survey No.322 Triumvirate Lode;

I do not agree with course and distance of the tie from  
Cor.No.2 to the U.S.M.M.No.2 P.M.D.

Survey No.2346, Extension No.3 and Middleton No.2

Lodes;

All corners adjoining Copper Link Mill-Site are stones  
properly set and chiseled with the number of the corner  
and survey. I do not agree with courses and distances of  
the above mentioned claims:

Northwest side line Middleton/<sup>No.2</sup>Lode identical with  
Southeast side line Extension No.3 Lode. Also the tie  
from Cor.No.1 Middleton No.2 Lode to U.S.M.M.No.2 P.M.D.

These discrepancies are due to errors in the returns  
of the prior surveys herein mentioned.

The discrepancies found existing between the claims  
as marked by location monuments and as described in the

location notices, are due to errors in the location notices.

*J. William Waara*  
U.S. MINERAL SURVEYOR

ADDITIONAL REPORT

Survey No. 1534, Copper Link Lode;

All corners are stones properly set and chiseled, with the number of the corner and survey. I do not agree with courses and distances of the above mentioned claim i.e.,

North, East, south and West boundaries. Also tie from

Cor. No. 1 Copper Link Lode Sur. No. 1534 to U.S.M.M. No. 2 P.M.D.

I established a witness corner for Cor. No. 3 Copper link Lode Sur. No. 3020A, because it was impossible to chisel additional figures on the common corner of the adjoining claims, and impracticable to set another stone at that point, because of it not being possible to set also the stone at the true corner point and the shallowness to solid formation.

I do not agree with course and distance of the tie from Cor. No. 2 to the U.S.M.M. No. 2 P.M.D.

Survey No. 2846, Extension No. 2 and Middleton No. 2

Lodes;

All corners adjoining Copper Link Mill-Site are stones properly set and chiseled with the number of the corner and survey. I do not agree with courses and distances of the above mentioned claims:

Northwest side line Middleton Lode identical with

Southeast side line Extension No. 2 Lode. Also the tie

from Cor. No. 1 Middleton No. 2 Lode to U.S.M.M. No. 2 P.M.D.

These discrepancies are due to errors in the returns of the prior surveys herein mentioned.

The discrepancies found existing between the claims

as marked by location monuments and as described in the

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by J. WILLIAM WAARA

United States ~~Deputy~~ Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of CONSOLIDATED

ARIZONA SMELTING COMPANY

known as the COPPER LINK lode and COPPER LINK Mill-site

and showing the respective capacities in which they acted.

Chas. P. Henry ..... , Chainman.

..... , Chainman.

..... , Axman.

..... , Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I. Chas. P. Henry

and ..... , do solemnly swear that we assisted J. WILLIAM

WAARA

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

the boundaries of the mining claim of CONSOLIDATED ARIZONA SMELTING COMPANY

known as the COPPER LINK lode and COPPER LINK Mill-site

represented in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for ARIZONA

Chas. P. Henry ..... , Chainman.

..... , Chainman.

..... , Axman.

..... , Flagman.

Subscribed and sworn to by the above-named persons before me this 8th

day of October, 1902

M. E. McElroy  
Notary Public



*My Commission Expires July 10, 1913, 1913*

(4-686.)

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

I, J. WILLIAM WAARA, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Sept. 14, 1912, 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 Consolidated Arizona Smelting Company, known as the COPPER LINK LOBE AND COPPER LINK HILL SITE, situate in PECK Mining District, YAVAPAI County, ARIZONA, Approx. in Sections 17-18-19-20, Township No. 11 N., Range No. 1 E. Unsurveyed, and designated as Survey No. 3020 A & B, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or its grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

J. William Waara  
 U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said J. WILLIAM WAARA  
 U. S. ~~Deputy~~ Mineral Surveyor, before me M. E. McKelley  
Notary Public this 4<sup>th</sup>  
 day of October 1912,

M. E. McKelley  
Notary Public

My Commission expires Feb. 18-1916

Notice of Mining Location.  
Lode Claim.

SEP. 14. 1912

To All Whom it May Concern:

This Mining Claim, the name of which is the Copper Link 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 G O Marrs, a citizen of the United States, over the age of Twenty-one years the undersigned, on the 11th day of September, 1900.

The length of this claim is Fifteen Hundred (1500) feet, and I claim five hundred (500) feet, in a northerly direction and one thousand (1000) feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three hundred (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 Northeast to the Southwest.

The claim is situated and located in the Peck Mining District, in Yavapai County, in the Territory of Arizona, about two and a quarter miles in a north easterly direction from the Peck Mine and Mill; and the discovery monument thereof is about one thousand feet (1000) in a north east course from the U.S. Mineral Monument marked No. 2, P.M.D.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a north-easterly direction five hundred (500) feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence South  $62^{\circ} 16'$  East 300 feet to a Monument of Stone being the North east corner of said claim; thence South  $27^{\circ} 44'$  West 750 feet to a monument of stone at the center of the East side line of said claim; thence South  $27^{\circ} 44'$  West 750 feet to a monument of stone being at the South East corner of said claim; thence North  $62^{\circ} 16'$  West 300 feet to a monument of stone at the center of the South end of said claim; thence North  $62^{\circ} 16'$  West 300 feet to a monument of stone, being at the South West corner of said claim; thence

North 27° 44' East 750 feet to a Monument of stone being at the center of the West side line of said claim; thence North 27° 44' East 750 feet to a monument of stone at the North West corner of said claim; thence South 62° 16' East 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of TitleXXXI, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled " An Act Concerning Mines," approved March 20th, 1895, and amended March 2d, 1899.

Dated and posted on the ground this 11th day of September 1900.

Witness-

G O Marrs

R.T.Harrell

Locator

Filed and recorded at request of J.J.Hawkins, Sept.27<sup>th</sup> A.D. 1900, at 4:45 o'clock P.M., Book 56 of Mines, Page 442, Records of Yavapai County, Arizona.

(SEAL)

W.I.Johnson, County Recorder.

By E.E.Osenburg, Deputy Recorder.

## Location Notice

of

The "Copper Link"

Mill- Site Claim and Water Right.

Know All Men by these Presents, That we the undersigned, have this day located a Mill-Site for the purpose of erecting suitable works for reducing the ores of the "Copper Link" Mining Claim, situate in Peck Mining district, Yavapai County, Arizona Territory, The exterior boundaries of said "Copper Link" Mill-Site Claim, are as follows, viz.:

Commencing at corner No.1, marked by a post and situated about 250 ft. S S W. of the depot of the Bradshaw M. Ry. CO. at Middleton, Arizona; and running thence N. 27° W. ( this being a magnetic reading, and the subsequent bearings being taken from it) 465 ft. to corner No.2, marked by a post; thence N.47° 9' E. 377 ft. to corner No.3, marked by a post; thence S. 54° 25' E. 456.6 ft. to corner No. 4, marked by a post; thence S. 47° 9' W. 595.5 ft. to place of beginning.

Dated on the ground, this 27th day of December, 1909.

Witness:

M.B. Cutsham

Consolidated Arizona Smelting Company.

F.D.English

by M B Cutsham

Filed and recorded at request of LeRoy Anderson, Dec. 28, A.D. 1909, at 9:12 o'clock A.M., Book 6 Mill-Sites and Water Rights, Pages 156-157, Records of Yavapai County, Arizona.

J.C.Bradbury,

(SEAL)

County Recorder.

By C.W.Bennett,

Deputy Recorder.

Filed and recorded at request of \_\_\_\_\_

A. D. 191 , at \_\_\_\_\_ o'clock

M., Book \_\_\_\_\_ pages \_\_\_\_\_

Records of Yavapai County, Arizona.

{ SEAL }

L. S. COLWELL,

County Recorder,

By \_\_\_\_\_

Deputy Recorder.

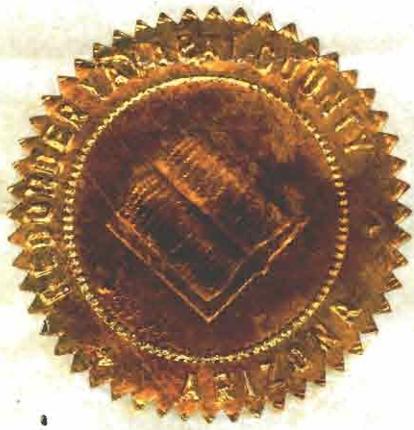
STATE OF ARIZONA, }  
COUNTY OF YAVAPAI. } ss.

I, L. S. Colwell, County Recorder in and for the County of Yavapai, State of Arizona, and custodian of the records of such office, do hereby certify that I have compared the foregoing copy with, and that the same is a full, true and correct copy of the Copper Link Mining Claim Notice of Mining Location filed for record on Sept 27<sup>th</sup> A.D. 1900, at 4:45 o'clock P.M. as the same appears of record in my office in Book 56 of Mines at Page 442 and the whole thereof, also the Location Notice ~~XXXXXX~~ of the "Copper Link" Mill-Site Claim and Water Right filed for record on Dec. 28, A.D. 1909, at 9:12 o'clock A.M. and as the same appears of record in my office in Book 6 of Mill-Sites and Water Rights at pages 156-157 and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal this 13<sup>th</sup> day of September, A. D. 1912

L. S. Colwell  
County Recorder.

By M. T. King  
Deputy Recorder



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

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

Phoenix, Arizona,

January 18, 1913.

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

CONSOLIDATED ARIZONA SMELTING COMPANY

, known as the COPPER LINK, COPPER LINK MILL SITE

, situate in PECK

Mining District, YAVAPAI County,

ARIZONA Approx., in Sections 17-18-19-20, Township No. 11 N.,

Range No. 1 E., Unsur., and designated as Survey

No. 3020 A & B, 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 2 shafts, 7 tunnels, 1 cut and 1  
winze, with drifts, crosscuts, etc., total value \$37,650.00

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 S. Ingalls,

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.

January 18, 1913.

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

CONSOLIDATED ARIZONA SMELTING COMPANY

, known as the

COPPER LINK, COPPER LINK MILL SITE.

situate in PECK mining district,

YAVAPAI

County,

ARIZONA.

Approx in Sections 17-18-19-20, Township No. 11 N., Range No. 1 E., Unsur.

, designated as Survey No. 3020 A & B

executed by J. William Waara, United States Mineral

Surveyor, Sept. 18-20, 1912, 190, under my instructions dated

Sept. 14, 1912, 190,

have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for survey is included in the field notes.

Frank S. Ingalls

U. S. Surveyor-General for Arizona.

# TRANSCRIBED COPY OF ORIGINAL FIELD NOTES

S.45°-00'W. 72.07 feet from the point for Cor.No.1, and  
N.45-00'E. 1377.93 ft. from Cor. No.2.  
Triumvirate lode.

- 300.00 North Center End Copper Link Lode, a mound of stone.
- 301.5 N.C.End Copper Link Lode Sur.No.1534 and S.C.End Home-  
stake Lode Sur.No.1462 Amended.
- 427.07 Intersect line 1-4 Triumvirate Lode Sur.No.322, S.45°-00'E  
231.90 ft. from the point for Cor.No.1 Triumvirate Lode
- 583.20 Witness corner to Cor.No.3 Copper Link Lode.Sur.No.3020A  
hereinafter described,
- 600.00 To COR.No.3 Copper Link Lode, identical with Cor.No.3  
Cor.No.2  
Copper Link Lode Sur.No.1534, Homestake Lode Sur.No.1462  
amended, and Cor.No.4 Hot Number Lode Sur.No.1462, also  
being the west corner of the Snap Shot Lode unsurveyed,  
a quartzite stone 8-12-18 inches long set 6 inches in the  
ground with a substantial mound of rock alongside,  
chiseled C L-3-1534, H-2-1462 and H N-4 1462, with cross  
on top for exact corner point, from which point
- A rock in place 6"-3'-2.5 ft. exposed, and chiseled  
W.C.-X- C L-3-3020 A, brs. N.62°-14'W. 16.8 ft (Witness Cor).
- A rock in place 6-6-12 ft. exposed, and chiseled  
BxR C L-3-3020 A, brs. N.79°-08'W. 26.3 ft.
- Thence S.27°-43'W.
- 53.82 intersect line 1-4 Triumvirate lode N.45°-00'W. 186.57 ft.  
from the point for Cor.No.4 Triumvirate lode, and S.45-00'E.  
413.43 ft. from pt. for corner No.1 same lode.
- 113.00 cross road course east to west
- 681.86 Intersect line 3-4 Triumvirate lode Sur.No.322, N.45°/00'E.  
850.31 feet from the point for Cor.No.3 Triumvirate Lode  
East side center, a mound of stone
- 722.0 Cross incline tram course northwest to southeast.
- 993.00
1104. Cross trail course NW to SE
1296. Cross small gulch flows from west to east
- 1462.1 To COR.No.4 Copper Link Lode, identical with Cor.No.4  
Copper Link Lode Sur.No.1534, Cor.No.1 Hot Number Lode  
Sur.No.1462, and N.C.End McKinley Lode Sur.No.1462, a  
quartzite stone 8-12-18 inches long set 8 inches in the  
ground with a substantial mound of stone alongside,

TRANSCRIBED COPY OF  
ORIGINAL FIELD NOTES

chiseled C L-4-3020 A and 1534 on North face, N E C-  
1462 on south face and H N-1-1462 on east face with cross  
on top for exact corner point, from which point,

Cor.No.1 Copper Link Mill-Site Sur.No.3020 B, brs.  
S.45°-45'12" E. 4606.2 ft.

No other bearings available.

Thence N.62°-14'W.

242.41 Intersect line 3-4 Triumvirate lode Sur.No.322, N.45°-00'E

33.32 ft. from the point for Cor.No.3 Triumvirate Lode

300.00 South Center End Copper Link Lode, a mound of stone

302.4 Cor.No.1 McKinley Lode, identical with Cor.No.2 Elephant  
lode Sur.No.1462, and S.E.Center Copper Link Lode Sur.  
No.1534.

354.76 Intersect line 2-3 Triumvirate Lode Sur.No.322, N.45°-00'W.

107.35 ft. from the point for Cor.No.3, and S.45°-00'E.492.65  
ft. from Cor. No.2 Triumvirate Lode.

600.00 To place of beginning.

All corners are identical with their respective  
locations except in the case of Cor.No.1 as mentioned  
above. Variation at all corners 15°-00'E.

LODE LINES

As near as can be determined from present develop-  
ments the vein of the location embraced in this survey  
extends as follows from its discovery point;

Copper Link Lode, N.27°-43'E. 698.0 and S.27°-43'W.  
764.0 ft.

COPPER LINK MILL-SITE.

SUR.NO.3020 B

Beginning at Cor.No.1, a shist stone 4-16-24 inches  
long set 12 inches in the ground, with a post surrounded  
by a mound of stone alongside, chiseled C L M S-1-3020 B  
with cross on top for exact corner point, from which  
point;

U.S.M.M.NO.2 P.M.D. brs. N.47°-31' 52" W. 5454.1 ft.

Cor.No.4 Copper Link Lode Sur.No.3020 A, brs.

TRANSCRIBED COPY OF  
ORIGINAL FIELD NOTES

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thence N.1°-03'W. 19.2 ft to sta. 8, thence N.42°-39'E. 17.0 ft. to sta. 9, thence N.44°-45'W. 27.2 ft. to sta.10, also S.73°-45'E. 14.0 ft. face of cross cut., thence from sta.10 S. 52°-47'W. 12.5 ft.. to face of drift., also N.43°-07'W. 55.6' face of drift at intersection of cross cut from right., also N.52°-47'E. at 23.0 ft. sta.11, at 39.7' sta. 12., thence from sta. 11 N.21°-03'W. 36.8 ft to sta. 14, thence from sta. 14 N.29°-26'W. 12.0 ft. to sta. 15,whence a cross cut runs S.57°-32'W.. 72.0 ft to face being cross cut mentioned as intersecting drift running northwesterly from sta. 10., thence from sta. 15, N.23°-11'W. 27.3 ft. to sta. 16, thence N.39°-58'W. 20.8 ft. to sta. 17, also from sta. 17, N.42°-00'E. 24.3 ft. to sta. 19, thence from sta. 19 N.57°-31'W. 36.0 ft to face of drift., also N.8°-29'E. 21.0' to sta. 20, thence N.25°-09'E. 42.5 ft. to face. Thence from sta. 17, N.39°-58'W. 20.8 ft. to sta. 18, whence a cross cut runs S.17°-39'W. 32.0 ft. to face, also a drift runs N. 5°-12'W. 34.0 ft. to face. From sta. 12 S.55°-18'E. at 7.5 ft. an incline shaft 75.0 ft deep, to 200 foot level below, 16.0' to face of drift, thence from sta. 12, N.17°-11'E. 19.8 ft. to sta. 13, thence N.29°-00'W; 30.0 ft. to face, whence a cross cut brs. to left 24.0 ft. to sta. 14, making a total of 1026.2 ft. of drifts, cross-cuts and shafts, in No.8 Tunnel----- Value \$10260.00

No.9. A tunnel<sup>caved</sup>, the mouth of which brs. N.16°-49'W. 235.0 ft. from Cor.No.4, 4x6' running N.27°-00'E. 10 ft.

Value \$100.00

No.10. A shaft, the center of which brs. S.61°-28'W. 497.0 ft. from Cor. No.3, incline, 4x6x40 ft. deep brs. N.62°-14'W.

Value \$400.00

OTHER IMPROVEMENTS

Tram road from mouth of Tunnel No.7 to incline tram now torn up and abandoned.

thence from sta. 5, N.10°-22'E. 36.5 ft. to sta. 6, ;  
whence a cross cut runs N.85°-09'E. 22.7 ft. to sta.6A,  
thence from sta.6, N.13°-01'E. 10.7 ft. to sta.7,; whence a  
cross cut runs N.33°-06'W., at 24.0' shaft (covered), and  
drift to right 10 ft., 72.0' face of Cross cut,; thence  
from sta. 7 N.40°-14'E. 50.0' hoist station 10 x 15' at right  
angles to left, 81.0 ft. to sta. 8., Thence N.56°-39'E.  
at 18.0 ft. runs a cross cut to left 20.0 ft., 66.0' to  
sta. 9, whence runs a cross cut to left at Rt./s 20.0 ft.,  
thence from sta. 9 N.72°-29'E. 94.5 ft. to sta. 10, thence  
N.46°-14'E. 65.0 ft. to sta. 11, thence N.31°-36'E. 84.0  
ft. to sta. 12, thence N.38°-14'E. 156.0 ft. to sta. 13,  
thence N.12°-00'W. 48.0 ft. to face, where it connects  
with shaft No.10 from the surface.

From sta. 6A runs a drift N.28°-53'E. at 20.0' ore  
chutes from "125 ft. level above", 38.2 ft. sta.6B.,  
thence from sta. 6 B, N.28°-53'E. 6.0 ft. center of shaft  
to 300 , 400 and 500 foot levels, (inaccessible), also  
runs a drift to connect with drift 7-8 at the hoist sta.

From the most reliable information that can be had, the  
amount of work done on the 300 foot level is about 560  
lineal feet of drifting, on the 400 foot level <sup>about</sup> 270 feet  
of drifting, and on the 500 foot level, about 90 lineal  
ft. of drifting, together with 300 ft. of shaft, making  
a total of 1220 feet of workings inaccessible below this  
tunnel level. Inaccessible workings ---- Value \$12200.00  
No.7 total, 1151 <sup>feet of</sup> Accessible workings ---- Value \$11500.00

No.8 A tunnel, the mouth of which brs. N.14°-06'W.  
538 ft from Cor.No.4, 4x6' running N.35°-29'E. 38.7 to sta.  
1, thence N.7°-00'E. 42.6 ft to sta. 2, whence a drift  
runs N.36°-00'E. 15.0 ft., thence from sta. 2 N.15°-39'W.  
15.0 ft to sta. 3, thence N.54°-17'E. at 15.0 ft. ore  
chutes, <sup>75 ft,</sup> to No.7 or 200 foot tunnel, 27.4 to sta. 4,  
thence N.36°-32'E. 33.0 ft to sta. 5, thence N.00°-12'W.  
29.3 ft to sta. 6, thence N.52°-08'W. 21.3 ft. to sta.7