**ORIGINAL** 

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES

AND PORTIONS OF CERTAIN MINERAL SURVEYS,

AND THE SUBDIVISION OF SECTIONS 21, 27, AND 32,

TOWNSHIP 18 SOUTH, RANGE 16 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

#### **EXECUTED BY**

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Under Special Instructions dated November 18, 2011, approved November 18, 2011, which provided for the surveys included under Group No. 1101, and assignment instructions dated November 18, 2011.

Survey commenced January 23, 2012

Survey completed April 3, 2012

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#### T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and portions of certain mineral surveys, and the subdivision of sections 21, 27 and 32, Township 18 South, Range 16 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: Philip Contzen surveyed the subdivisional lines in 1904, recorded in book 1857 and supplemented with corrections in book 1858. Louis D. Gilbert remonumented certain corners in the township in 1970. Mineral Surveys Numbers 1297 A, 1297 B and 1308, were surveyed by George J. Roskruge in 1898. T.N. Stevens surveyed Mineral Survey Number 3954 in 1924. Harvey W. Smith surveyed Mineral Survey Number 4718 in 1972-78. Unpatented Mineral Surveys Numbers 4816 and 4820 were surveyed by Harvey W. Smith in 1980-81 and 1981 respectively. GUNSIGHT NO. 34 lode, Mineral Survey No. 4718 and Tailor lode, Mineral Survey No. 4792 were cancelled in 2012.

The survey was executed in accordance with the specifications as set forth in the  $\underline{\text{Manual of Instructions for the Survey of the}}$   $\underline{\text{Public Lands of the United States, 2009}}$ , and the Special Instructions dated November 18, 2011 for Group Number 1101, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 model receivers as base stations and Trimble Navigation R8 model receivers as rover stations.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Lost corners reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from Global Positioning System (GPS) static observations, post processed by National Geodetic Survey, Online Positioning Users Service (OPUS), utilizing Continuously Operating Reference Stations (CORS): SAHUARITA AZ2007 CORS ARP, TUCSON CORS ARP AND SOPORI ELEM SCH CORS ARP. The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the corner of sections 26, 27, 34 and 35, is as follows:

Latitude: 31°49'56.95" N. Longitude: 110°41'16.76" W.

#### T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

The mean magnetic declination is 10  $1/4^{\circ}$  E.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

Restoring the survey executed by Philip Contzen, in 1904

Beginning at the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd. T18S R15E R16E S12 S7 S13 S18 2012 and as described in the official record of the 2011-12 dependent resurvey of the E. bdy., T. 18 S., R. 15 E., surveyed concurrently under this same group.

S. 89°42' E., bet. secs. 7 and 18.

Ascend W. facing slope, in prickly pear, cholla and shindaggers.

39.94 The 1/4 sec. cor. of secs. 7 and 18, monumented with a sandstone, 18 x 7 x 6 ins., firmly set, projecting 8 ins. above ground, mkd. 1/4 on N. face, with a scattered mound of stone N. of cor., 2 ft. base, 6 ins. high. Rebuild mound of stone to 2 1/2 ft. base, 1 1/2 ft. high.

from which the remains of the orig. bearing trees

- A dead standing oak, 12 ins. diam., bears S. 50 1/4° W., 78 lks. dist., with a healed blaze.
- A root hole, 2 ft. diam., bears N. 59 1/4° W., 55 lks. dist., with dead and down oak, 12 ins. diam., with a weathered blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.

2012

Bury the orig. stone alongside the stainless steel post.

CHAI	NS
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Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located on a N. facing grassy slope, in scattered oak.

S. 89°13' E., beginning new measurement.

40.23

The cor. of secs. 7, 8, 17 and 18, monumented with a granite stone, 15 x 9 x 8 ins., firmly set, projecting 7 ins. above ground, mkd. with 5 grooves on the E. face and 4 grooves on the S. face, with a scattered mound of stone, 2 1/2 ft. base, 8 ins. high, W. of cor. Rebuild mound of stone to 2 1/2 ft. base, 1 1/2 ft. high.

from which the orig. bearing trees

An oak, 15 ins. diam., bears N. 22 1/2° E., 44 lks. dist., with a healed blaze.

An oak, 12 ins. diam., bears N. 5  $3/4^{\circ}$  W., 1.26 chs. dist., with a partially healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, encircled with a collar of stone, 1 1/2 ft. base, with brass cap mkd.

2012

Bury the orig. stone alongside the stainless steel post.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

S. 0°37' E., bet. secs. 17 and 18.

Over rolling grassland, through oak and palmillas.

Ascend N. facing slope.

39.40

Point for the 1/4 sec. cor. of secs. 17 and 18, at proportionate dist., there is no remaining evidence of the orig. cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.

CHAINS

T 18 S R 16 E 1/4 S 18 | S 17

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Raise a mound of stone, 2 ft. base, 1 ft. high, W. of cor.

Cor. is located on a steep, rocky N. facing slope, in laurel shrubs and scattered oak.

78.80

The cor. of secs. 17, 18, 19 and 20, monumented with a granite stone, 18 x 8 x 7 ins., firmly set, projecting 5 ins. above ground, mkd. with 5 notches on the E. face and 3 notches on the S. face, with a mound of stone, 3 1/2 ft. base, 2 ft. high, W. of cor.

from which the remaining orig. bearing trees

An oak, 14 ins. diam., bears N. 57° E., 1.30 chs. dist., with illegible scribe marks on a partially healed blaze.

An oak, 12 ins. diam., bears S. 27 1/4° E., 1.31 chs. dist., with a healed blaze.

A dead standing oak, 12 ins. diam., bears N. 81° W., 55 lks. dist., with a rotted out blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.

2012

Bury the orig. stone alongside the stainless steel post.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Raise a mound of stone, 3 1/2 ft. base, 2 ft. high, W. of cor.

Cor. is located on a rocky SW facing slope.

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From the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, in a mound of stone, 1 1/2 ft. base, to top, with brass cap mkd. T18S R15E R16E S13 S18 S24 S19 2012, and as described in the official record of the 2011-12 dependent resurvey of the E. bdy., T. 18 S., R. 15 E., executed concurrently under this same group.

N. 89° 48' E., bet. secs. 18 and 19.

Descend NE facing slope, in scattered laurel and juniper.

40.70 Point for the 1/4 sec. cor. of secs. 18 and 19, at proportionate dist.; there is no remaining evidence of the orig. cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground to bedrock, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, N. of cor

Cor. is located on a grassy W. facing slope, in oak, scattered pine and prickly pear.

- 41.30 | Center of jeep road, 13 lks. wide, bears N. and S.
- 81.40 The cor. of secs. 17, 18, 19 and 20.

S. 0°54' W., bet. secs. 19 and 20.

Over rolling mountainous grassland, through scattered juniper and oak.

Descend SW facing slope.

39.90 Gulch, 15 ft. wide, drains SE.

CHAINS

40.85

The 1/4 sec. cor. of secs. 19 and 20, monumented with a porphyry stone, 16 x 10 x 6 ins., loosely set, projecting 8 ins. above ground, in an embedded collar of stone, 1 ft. base, plainly mkd. 1/4 on the W. face.

from which the orig. bearing trees

An oak, 15 ins. diam., bears S. 73 1/2° E., 56 lks. dist., with a healed blaze.

An oak stump, 12 ins. diam., 7 ins. high, bears S.  $58 \ 1/2^{\circ} \ W.$ , 19 lks. dist.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 17 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.

T 18 S R 16 E 1/4 S 19 | S 20

2012

Bury the orig. stone alongside the stainless steel post.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

S. 0°01' W., beginning new measurement.

39.52

The cor. of secs. 19, 20, 29 and 30, monumented with a sandstone, 8  $\times$  7 ins., firmly set, projecting 10 ins. above ground, in an embedded collar of stone, 2 ft. base, mkd. with 5 notches on the E. face and 2 notches on the S. face, with a scattered mound of stone, 3 ft. base, 1 ft. high, W. of cor.

Rebuild mound of stone W. of cor. to 2 1/2 ft. base, 1 1/2 ft. high.

Cor. is located within the proposed dry stack tailings of Rosemont Copper company.

From the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., monumented with a limestone,  $10 \times 7$  ins., firmly set, projecting 7 ins. above ground, mkd. with 4 grooves on the N. face, the S. face is fractured, encircled with a collar of stone, and as described in the official record of the 2011-12 dependent resurvey of the E. bdy., T. 18 S., R. 15 E., executed concurrently under this same group.

CHAINS	
	S. 89°45' E., bet. secs. 19 and 30.
9.09	Intersect line 4-1, Olustee lode, M.S. No. 3954.
	From this point, cor. No. 1, Olustee lode, bears S. 29°05' E., 0.945 chs. dist., hereinafter described.
	From this same point, cor. No. 1, Landor lode, M.S. No. 3954, on line 4-1, Olustee lode, bears N. 29°05' W., 2.04 chs. dist., hereinafter described.
	Thence across patented lands.
11.53	Intersect line 1-2, Olustee lode, M.S. No.3954.
	From this point, cor. No. 1, Olustee lode, bears S. 67°43' W., 2.145 chs. dist., hereinafter described.
	From this same point, the south end center of Olustee lode, bears N. 67°43' E., 2.39 chs. dist., hereinafter described.
	Depart patented lands.
25.10	Intersect line 1-2, R.G. Ingersoll lode, M.S. No. 1297 A.
	From this point, cor. No. 1, R.G. Ingersoll lode, bears S. 2°57' W., 20.27 chs. dist., hereinafter described.
	From this same point, cor. No. 2, R.G. Ingersoll lode, bears N. 2°57' E., 2.475 chs. dist., hereinafter described.
	Thence across patented lands.
34.20	Intersect line 3-4, R.G. Ingersoll lode, M.S. No. 1297 A.
	From this point, cor. No. 3, R.G. Ingersoll lode, bears N. 2°56' E., 2.04 chs. dist., hereinafter described.
	From this same point, cor. No. 4, R.G. Ingersoll lode, bears S. 2°56' W., 20.68 chs. dist., hereinafter described.
	Depart patented lands.
39.20	Center of dirt road, 12 ft. wide, bears SE and NW.
40.255	Point for the 1/4 sec. cor. of secs. 19 and 30, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

CHAINS

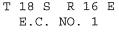
T 18 S R 16 E S 19 1/4 — S 30

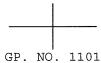
2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located on a SW facing slope, in juniper and oak.

From this cor. point, the point selected for an electronic control point bears N. 84°41' W., 15.40 chs. dist., monumented with an aluminum drive rod, 36 ins. long, 3/4 in. diam., driven 34 ins. in the ground, with aluminum cap mkd.





2012

The geographic position of this electronic control point was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) SAHUARITA\_AZ2007 CORS ARP, SOPORI ELEM SCH CORS ARP and COT1 TUCSON CORS ARP. The NAD 83 (CORS96) (EPOCH: 2002), geographic position, is as follows:

Latitude: 31°50'50.155" N. Longitude: 110°45'03.079" W.

Orthometric height: 1569.915(m) NAVD88 (GEOID 09)

80.51 The cor. of secs. 19, 20, 29 and 30.

S. 0°14' W., bet. secs. 29 and 30.

Over rolling mountainous terrain, through juniper and oak.

The 1/4 sec. cor. of secs. 29 and 30, monumented with a sandstone, 9 x 7 ins., firmly set, projecting 11 ins. above ground, in an embedded collar of stone, 2 ft. base, dimly mkd. 1/4 on eroded W. face and X on top, with a collapsed and scattered mound of stone W. of cor.

Rebuild the mound of stone to 2 ft. base, 1 ft. high.

### Cor. is located within the proposed dry stack tailings pile Rosemont Copper company, on an open, grassy W. facing slope, in prickly pear, yucca with scattering oak, juniper and mesquite.

S. 0°02' W., beginning new measurement.

1.00 Top of W. slope of ridge.

The cor. of secs. 29, 30, 31 and 32, perpetuated by William D. Gay, Arizona R.L.S. No. 21768 in 1992, as recorded with the Pima County Recorder, in book 8, page 89, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, in a mound of stone, 3 ft. base, 6 ins. high, with aluminum cap mkd. T18S R16S S30 S29 S31 S32 LS21768 1992. is accepted as a careful and faithful perpetuation of the orig. cor. position.

from which the remains of the orig. bearing trees

- A dead standing oak, 9 ins. diam., bears N. 78 1/2° E., 61 lks. dist., with illegible scribe marks on a weathered blaze.
- A dead standing oak, 12 ins. diam., bears S. 33 3/4° E., 1.00 chs. dist., mkd. T18S S32 on a weathered blaze.
- A dead oak snag, 14 ins. diam., 4 ft. high, bears S. 33  $1/4^{\circ}$  W., 1.37 chs. dist., with a rotted out blaze.
- A dead standing oak, 6 ins. diam., bears N. 24 1/4° W., 89 lks. dist., with a healed blaze.

and bearing trees mkd. by Gay in 1992

- A dead standing oak, 12 ins. diam., bears S. 59° E., 42 lks. dist., mkd. X BT on open blaze, with an affixed bearing tree tag.
- A dead standing juniper, 7 ins. diam., bears N. 54° W., 46 lks. dist., with a healed blaze, with an affixed bearing tree tag.

An aluminum fence post is set alongside the cor.

Cor. is located within the proposed dry stack tailings of Rosemont Copper Company.

CHAINS

40.21

CHA	11	JS
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From the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., monumented with a rebar, 3/4 in. diam., firmly set, projecting 1 in. above the ground, with attached 1 1/2 ins. diam., aluminum cap stamped LS1047 25 30 36 31, and as described in the official record of the 2011-12 dependent resurvey of the E. bdy., T. 18 S., R. 15 E., executed concurrently under this same group.

S. 89°41' E., bet. secs. 30 and 31.

Across patented Mineral Survey No. 4718, over rolling mountainous terrain, through juniper and oak.

31.10 | Intersect line 1-2, Santa Rita # 11 lode, M.S. No. 4718.

From this point, cor. No. 1, Santa Rita # 11 lode, bears N. 35°46' E., 3.88 chs. dist., hereinafter described.

From this same point, cor. No. 2, Santa Rita # 11 lode, bears S. 35°46' W., 18.82 chs. dist., hereinafter described.

Depart patented lands.

- 39.80 | Top of ridge, bears N. and S.
- The 1/4 sec. cor. of secs. 30 and 31, monumented with a sandstone, 10 x 5 ins., firmly set, projecting 6 ins. above ground, mkd. 1/4 on N. face, with scattered mound of stone, 2 ft. base, 1/2 ft. high, N. of cor.

Rebuild mound of stone to 2 1/2 ft. base, 1 1/2 ft. high.

Cor. is located within the proposed open pit of Rosemont Copper Company.

S. 89°37' E., beginning new measurement.

40.02 The cor. of secs. 29, 30, 31 and 32.

S. 0°18' W., bet. secs. 31 and 32.

Over rolling mountainous terrain, through juniper and oak.

Ascend N. facing slope.

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
19.99	The N. 1/16 sec. cor. of secs. 31 and 32, established by person(s) unknown, monumented with an open-ended iron pipe, 1 1/4 ins. diam., firmly set, projecting 20 ins. above ground, with a rebar, 1/2 in. diam., set alongside, projecting 5 ins. above ground, with attached metal tag, 3 x 1 1/2 ins., mkd. N1/16 31 32. This is accepted as a careful and faithful establishment of the cor. position.
	Cor. is located within the proposed dry stack tailings of Rosemont Copper Company.
	S. 0°18' W., beginning new measurement.
19.99	The 1/4 sec. cor. of secs. 31 and 32, perpetuated by James E. Remington, Arizona R.L.S. No. 10848, monumented with a rebar, 5/8 in. diam., firmly set, flush with ground, in a mound of stone, 3 ft. base, 1 ft. high, with affixed aluminum cap mkd. 1/4 S31   S32 LS10848. This is accepted as a careful and faithful perpetuation of the orig. cor. position.
	from which the remains of the orig. bearing trees
	An oak stump, 16 ins. diam., 2 ft. high, bears N. 6° E., 1.25 chs. dist., with a healed blaze.
	A dead standing oak, 17 ins. diam., bears S. 52° W., 85 lks. dist., with a healed blaze.
	Cor. is located within the proposed dry stack tailings of Rosemont Copper Company.
	From this cor. point, a rebar, 1/2 in. diam., firmly set, projecting 12 ins. above ground, with affixed metal tag, 3 x 1 1/2 ins., mkd. 1/4 S31   S32, bears N. 3° E., 13 lks. dist.
	S. 0°20' W., beginning new measurement.
	Descend gentle S. facing slope, in oak and juniper.
0.30	Remains of ancient fence, line of wood posts, extends N. 75° E. and S. 75° W.
18.50	Top of ridge, bears E. and W.; descend S. facing slope.
19.98	The S. 1/16 sec. cor. of secs. 31 and 32, established by person(s) unknown, monumented with a rebar, 1/2 in. diam., firmly set, projecting 9 ins. above ground, with attached metal tag, 3 x 1 1/2 ins., mkd. S1/16 31 32, with steel fence post set alongside. This is accepted as a careful and faithful establishment of the cor. position.
1	

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Cor. is located within the proposed dry stack tailings of Rosemont Copper company.
	S. 0°16' W., beginning new measurement.
19.40	The closing cor. of secs. 31 and 32, at intersection with the S. bdy. of the Tp., established by person(s) unknown, monumented with a rebar, 1/2 in. diam., set flush with the ground, with affixed aluminum cap mkd. T18S R16E S31 S32 S5 T19S R16E. This accepted as a careful and faithful establishment of the cor. position.
	The orig. cor. a granite stone, 14 x 11 x 8 ins. was found lying loose, 1 lk. N., dimly mkd. CC on a face, and 3 shallow grooves on an adjacent face.
	From this cor. point, the witness cor. to the cor. of secs. 5 and 6 only, T. 19 S., R. 16 E., bears N. 89°51' W., 3.67 chs. dist., monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, in a mound of stone, 4 ft. base, to top, with aluminum cap mkd. T18S R16E WC S31 S6 S5 LS21768 T19S 1992, and as described in the official record of the 2012 dependent resurvey of the N. bdy., T. 19 S., R. 16 E., executed concurrently under this same group.
	Cor. is located within the proposed waste rock area of Rosemont Copper company.
	From the cor. of secs. 7, 8, 17 and 18.
	N. 89°59' E., bet. secs. 8 and 17.
	Over rolling mountainous grassland, through oak, palmillas, yucca and shindaggers.
39.70	Center of shallow gulch, 35 ft. wide, drains NE.
39.72	True point for the 1/4 sec. cor. of secs. 8 and 17.
40.22	The witness cor. to the 1/4 sec. cor. of secs. 8 and 17, monumented with a porphyritic stone, 16 x 10 x 8 ins., firmly set, projecting 5 ins. above ground, dimly mkd. WC 1/4 on eroded and crumbly N. face, with a mound of stone, 2 1/2 ft. base, 1 ft. high, N. of cor.
	from which the remains of the orig. bearing trees
	A root hole, 2 ft. diam., bears S. 29 1/2° W., 33 lks. dist.

CHAINS

A root hole, 3 ft. diam., bears N. 2 1/2° W., 45 lks. dist., with dead and down oak, 14 ins. diam., with a weathered blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 17 ins. in the ground to bedrock, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.

WC T 18 S R 16 E S 8 1/4 ← S 17

2012

Bury the orig. stone alongside the stainless steel post.

Rebuild the accessory mound of stone to 2 1/2 ft. base, 1 1/2 ft. high.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

N. 88°28' E., beginning new measurement.

40.72

The cor. of secs. 8, 9, 16 and 17, monumented with a sandstone, 8 x 8 ins., firmly set, projecting 10 ins. above ground, plainly mkd. with 4 grooves on the E. face and 4 grooves on the S. face, with a mound of stone, 2 ft. base, 1 ft. high, W. of cor.

from which the remaining orig. bearing tree

An oak, 10 ins. diam., bears N. 15 1/2° E., 1.18 chs. dist., with a healed blaze.

Rebuild the mound of stone to 3 ft. base, 1 1/2 ft. high.

S. 0°13' W., bet. secs. 16 and 17.

Over rolling mountainous grassland, through scattered oak, mesquite, ocotillo and agave.

Descend ESE facing slope.

CHAINS

40.07

The 1/4 sec. cor. of secs. 16 and 17, monumented with a sandstone, 12 x 5 ins., loosely set, projecting 11 ins. above ground, in a mound of stone, 2 ft. base, 6 ins. high, mkd. 1/4 on the W. face, with a scattered mound of stone, 2 1/2 ft. base, 1 ft. high, W. of cor. Rebuild mound of stone W. of cor. to 3 ft. base, 1 1/2 ft. high.

from which the orig. bearing tree

A root hole, 2 ft. diam., bears N. 51 1/4° W., 66 lks. dist., with shards of dead oak alongside, with illegible scribe marks on fragment of blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.

T 18 S R 16 E 1/4 S 17 | S 16

2012

Bury the orig. stone alongside the stainless steel post.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located on the right bank of a wash, 5 lks. wide, drains  ${\tt E.}$ 

S. 0°18' W., beginning new measurement.

40.05

The cor. of secs. 16, 17, 20 and 21, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 3 ft. base, 8 ins. high. with brass cap mkd. T18S R16E S17 S16 S20 S21 1970, with the orig. sandstone alongside in the mound of stone, mkd. with 4 grooves on one side and 3 grooves on another side.

Cor. is located on a N. facing slope, within prickly pear and scattered juniper.

From the cor. of secs. 17, 18, 19 and 20.

S. 89°51' E., bet. secs. 17 and 20.

Ascend SW facing grassy slope, in scattered oak.

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
39.74	The $1/4$ sec. cor. of secs. 17 and 20, monumented with a sandstone, 10 x 7 ins., firmly set, projecting 5 ins. above ground, mkd. $1/4$ on the N. face, with a mound of stone, 2 $1/2$ ft. base, 1 $1/2$ ft. high, N. of cor.
	from which the orig. bearing trees
	A root hole, 2 ft. diam., bears S. 40° W., 89 lks. dist., with a dead and down oak alongside, (12 ins. diam., with a rotted out blaze.)
	A root hole, 2 ft. diam., bears N. 23° W., 67 lks. dist., with a dead and down oak alongside, (12 ins. diam., with a rotted out blaze.)
	Rebuild the mound of stone to 3 ft. base, 1 1/2 ft. high.
	Cor. is located on an E. facing grassy slope in prickly pear.
	S. 89°50' E., beginning new measurement.
40.00	The cor. of secs. 16, 17, 20 and 21.
	S. 0°13' W., bet. secs. 20 and 21.
	Over rolling mountainous terrain, in thorny shrubs, prickly pear and scattered juniper.
	Ascend N. facing slope.
2.00	Spur, slopes NE.
3.10	Barbed wire fence, extending N. 40° E. and S. 40° W.
40.02	The 1/4 sec. cor. of secs. 20 and 21, perpetuated by James L. Dean, Arizona R.L.S. No. 14145 in 1987, as recorded with the Pima County Recorder, in book of surveys No. 5, page 31, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd. 1/4 S20 S21 LS14145 1987. This is accepted as a careful and faithful perpetuation of the orig. cor. position.
	from which the orig. bearing trees
	A root hole, 2 ft. diam., bears S. 78 1/2° E., 82 lks. dist., with dead and down oak alongside, (12 ins. diam., with a weathered blaze.)

#### CHAINS

A dead standing oak, 13 ins. diam., bears N. 34 1/2° W., 40 lks. dist., with a healed blaze. (Record: N. 44 1/2° W.)

and accessories mkd. by Dean in 1987

- A granite boulder in place, 3 x 2 x 2 ft. high, bears S. 61° W., 14 lks. dist., mkd. X BO.
- A dead standing oak, 11 ins. diam., bears N. 12° W., 15 lks. dist., mkd. BT on a partially healed blaze, with an affixed bearing tree tag.

A steel fence post is set alongside the cor., a mound of stone, 2 ft. base, 2 ft. high is W. of the cor.

S. 0°40' W., beginning new measurement.

Ascend E. facing slope in prickly pear, agave, scattered oak, mesquite and juniper.

- 2.50 Top of ascent, slopes E.
- The cor. of secs. 20, 21, 28 and 29, perpetuated by James L. Dean, Arizona R.L.S. No. 14145, in 1987, as recorded with the Pima County Recorder, in book of surveys No. 5, page 31, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, in a mound of stone, 3 ft. base, 2 ft. high, with aluminum cap mkd. RLS14145 S20 S21 S29 S28 1987. This is accepted This is accepted as a careful and faithful perpetuation of the orig. cor. position.

from which accessories mkd. by Dean in 1987

- A rebar, 1/2 in. diam., bears N. 70 3/4° E., 76 lks. dist., firmly set, projecting 6 ins. above ground, with affixed brass tag mkd. 14145. (Record: N. 75° E.)
- A double trunk mesquite, 6 ins. diam. on scribed trunk, bears S. 44° W., 1.27 chs. dist., mkd. BT on a partially healed blaze, with an affixed bearing tree tag.

A steel fence post is set alongside the cor., a mound of stone, 3 ft. base, 1 1/2 ft. high is W. of the cor. and a mound of stone, 3 ft. base, 2 ft. high is S. of the cor.

Cor. is located within the proposed dry stack tailings of Rosemont Copper Company.

From the cor. of secs. 19, 20, 29 and 30.

	1. 10 S., K. 10 E., Gila and Salt River Melidian, Alizona
CHAINS	
	N. 89°51' E., bet. secs. 20 and 29.
	Over mountainous grassland, through scattered juniper.
1.20	Gulch, 15 ft. wide, drains S. 25° E.
39.80	The $1/4$ sec. cor. of secs. 20 and 29, monumented with a sandstone, 10 x 8 ins., firmly set, projecting 7 ins. above ground, mkd. $1/4$ on the N. face.
	from which the orig. bearing trees
	An oak snag, 8 ins. diam., 5 ft. high, bears N. 4° E., 64 lks. dist., with illegible scribe marks on a weathered blaze.
	An oak snag, 24 ins. diam., 7 ft. high, bears S. 67 1/2° E., 68 lks. dist., with a healed blaze.
	Cor. is located within the proposed dry stack tailings of Rosemont Copper company.
	N. 89°45' E., beginning new measurement.
	Descend E. facing slope.
	Over mountainous grassland, through scattered juniper.
40.00	The cor. of secs. 20, 21, 28 and 29.
	S. 0°38' E., bet. secs. 28 and 29.
	Over mountainous grassland, through juniper, oak and mesquite.
40.03	The 1/4 sec. cor. of secs. 28 and 29, perpetuated by William D. Gay, Arizona R.L.S. No. 21768 in 1992, as recorded with the Pima County Recorder, in book 8, page 89, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, in a mound of stone, 3 ft. base, 6 ins. high, with aluminum cap mkd. T18S R16E 1/4 S29 S28 LS21768 1991. This is accepted as a careful and faithful perpetuation of the orig. cor. position.
	from which the remaining orig. bearing tree
	A mesquite, 24 ins. diam., bears N. 83 1/4° E., 51 1/2 lks. dist., with a healed blaze. (Record: 60 lks. dist.)
	and the bearing tree mkd. by Gay in 1991

CHAINS

A mesquite, 12 ins. diam., bears S. 21° E., 76 lks. dist., mkd. BT on a partially healed blaze, with an affixed bearing tree tag.

A steel fence post is set alongside the cor.

Cor. is located within the proposed dry stack tailings of Rosemont Copper company.

S. 0°43' W., beginning new measurement.

40.42

The cor. of secs. 28, 29, 32 and 33, perpetuated by William D. Gay, Arizona R.L.S. No. 21768 in 1992, as recorded with the Pima County Recorder, in book 8, page 89, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, in a mound of stone, 3 ft. base, 6 ins. high, with aluminum cap mkd. T18S R16E S29 S28 S32 S33 LS21768 1992. This is accepted as a careful and faithful perpetuation of the orig. cor. position.

from which the bearing tree mkd. by Gay in 1992

A juniper, 9 ins. diam., bears S. 88° W., 56 lks. dist., mkd. BT on a partially healed blaze, with an affixed bearing tree tag.

A steel fence post is set alongside the cor. and a mound of stone, 3 ft. base, 1 ft. high, is SW of the cor.

Cor. is located within the proposed dry stack tailings of Rosemont Copper company.

From the cor. of secs. 29, 30, 31 and 32.

S. 89°34' E., bet. secs. 29 and 32.

19.97

The W. 1/16 sec. cor. of secs. 29 and 32, established by person(s) unknown, monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above ground, encircled with a collar of stone. This is accepted as a careful and faithful establishment of the cor. position.

Cor. is located within the proposed dry stack tailings of Rosemont Copper Company.

S. 89°36' E., beginning new measurement.

Descend NW facing slope in juniper timber.

CHAINS	
18.00	Ridge, bears N. and S.
·	Descend E. facing slope.
19.99	The 1/4 sec. cor. of secs. 29 and 32, perpetuated by William D. Gay, Arizona R.L.S. No. 21768 in 1992, as recorded with the Pima County Recorder, in book 8, page 89, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, in a mound of stone, 2 1/2 ft. base, 8 ins. high, with aluminum cap mkd. T18S R16E 1/4 S29 S32 LS21768 1992. This is accepted as a careful and faithful perpetuation of the orig. cor. position.
	Cor. is located in a 4-strand barbed wire fence line, extending N. and S.
	A steel fence post is set alongside and a mound of stone, 2 1/2 ft. base, 1 ft. high is N. of the cor.
·	Cor. is located within the proposed dry stack tailings of Rosemont Copper Company.
	From this cor. point, an open-ended steel pipe, 1 1/4 ins. diam., firmly set, projecting 12 ins. above ground, bears N. 20° E., 3 lks. dist.
	N. 89°58' E., beginning new measurement.
	Descend E. facing slope.
39.98	The cor. of secs. 28, 29, 32 and 33.
	S. 0°03' W., bet. secs. 32 and 33.
	Over mountainous grassland, through juniper and chaparral.  Descend gentle SW facing slope.
40.05	The 1/4 sec. cor. of secs. 32 and 33, perpetuated by William D. Gay, Arizona R.L.S. No. 21768 in 1992, as recorded with the Pima County Recorder, in book 8, page 89, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd. T18S R16E 1/4 S32   S33 LS21768 1992. This is accepted as a careful and faithful perpetuation of the orig. cor. position.
	from which the remaining orig. bearing tree
	And oak snag, 16 ins. diam., 10 ft. high, bears S. 63° E., 56 lks. dist., with a weathered blaze.

# Dependent Resurvey of a Portion of the Subdivisional Lines,

_	Dependent Resurvey of a Portion of the Subdivisional Lines, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	and bearing trees mkd. by Gay in 1992
	A juniper, 7 ins. diam., bears N. 66° E., 1.23 chs. dist., mkd. BT on a partially healed blaze, with an affixed bearing tree tag.
	A dead oak snag, 10 ins. diam., bears S. 2° W., 65 lks. dist., mkd. BT on an open blaze, with an affixed bearing tree tag.
	S. 0°02' E., beginning new measurement.
	Descend E. facing slope in scattered oak and juniper.
0.50	Wash, 4 ft. wide, drains N. 40° E.
39.08	The orig. closing cor. of secs. 32 and 33, monumented with a granite stone, $10 \times 6$ ins., firmly set, projecting 7 ins. above ground, mkd. CC on the N. face, 4 notches on the E. face and 2 notches on the W. face.
	A scattered mound of stone is N. of the cor., rebuild to $2\ 1/2\ \text{ft.}$ base, 1 ft. high.
	Chisel the marks AM on the top face of the orig. stone.
39.14	The closing cor. of secs. 32 and 33, at intersection with the S. bdy. of the Tp., established by William D. Gay, Arizona R.L.S. No. 21768 in 1992, as recorded with the Pima County Recorder, in book 8, page 89, monumented with an aluminum rod, 3/4 in. diam., firmly set, projecting 9 ins. above ground, in a mound of stone, 3 1/2 ft. base, to top, with aluminum cap mkd. T18S R16E CC S32 S33 S4 T19S LS 21768 1992. This is accepted as a careful and faithful establishment of the closing corner.
	A steel fence post is set alongside the cor.
	From this cor. point, the cor. of secs. 4 and 5 only, T. 19 S., R. 16 E., bears S. 89°58' W., 4.17 chs. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 2 ins. above the ground, in a mound of stone, 2 ft. base, 8 ins. high, with affixed aluminum cap mkd. T18S R16E S32 S5 S4 T19S R16E LS10848, and as described in the official record of the 2012 dependent resurvey of the N. bdy., T. 19 S., R. 16 E., executed concurrently under this same group.

CHAINS

The point for the 1/4 sec. cor. of sec. 32, T. 18 S., R. 16 E., is at midpoint on the S. bdy. of sec. 32, established by William D. Gay, Arizona R.L.S. No. 21768, in 1992, as recorded with the Pima County Recorder, in book 8, page 89. Monumented with an aluminum rod, 3/4 in. diam., firmly set, projecting 6 ins. above ground, in a mound of stone, 4 ft. base, to top, with affixed aluminum cap incorrectly mkd. T18S R16E 1/4 S32 S5 T19S LS21768 1992, with a steel sign post set alongside. This is accepted as a careful and faithful establishment of the cor. position.

from which bearing trees mkd. by Gay in 1992

An oak, 9 ins. diam., bears S. 52° E., 9 lks. dist., with a healed blaze, with an affixed bearing tree tag.

An oak, 14 ins. diam., bears N. 71° W., 76 lks. dist., mkd. BT on partially healed blaze, with an affixed bearing tree tag.

From this cor. point, the 1/4 sec. cor. of sec. 5 only, T. 19 S., R. 16 E., bears West, 2.74 chs. dist., monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, in a mound of stone, 4 ft. base, to top, with aluminum cap mkd. T18S R16E S32 1/4 S5 T19S LS21768 1992, and as described in the official record of the 2012 dependent resurvey of the N. bdy., T. 19 S., R 16 E., executed concurrently under this same group.

From the cor. of secs. 8, 9, 16 and 17.

S. 89°44' E., bet. secs. 9 and 16.

Over mountainous grassland, through scattered oak, mesquite, ocotillo and agave.

Descend E. facing slope.

38.70 Ravine, 20 ft. wide, drains S.

Ascend W. facing slope.

The 1/4 sec. cor. of secs. 9 and 16, monumented with a sandstone, 8 x 6 ins., firmly set, projecting 8 ins. above ground, mkd. 1/4 on the N. face, with a scattered mound of stone, N. of the cor. Rebuild the mound of stone to 2 1/2 ft. base, 1 1/2 ft. high.

S. 89°51' E., beginning new measurement.

# Dependent Resurvey of a Portion of the Subdivisional Lines,

	Dependent Resurvey of a Portion of the Subdivisional Lines, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
39.73	The cor. of secs. 9, 10, 15 and 16, monumented with a sandstone, 12 x 6 ins., firmly set, projecting 8 ins. above ground, in a mound of stone, 2 ft. base, 6 ins. high, mkd. with 3 grooves on the E. face and 4 grooves on the S. face, with a mound of stone, 2 1/2 ft. base, 1 ft. high, W. of cor. Rebuild mound of stone W. of cor. to 3 ft. base, 1 1/2 ft. high.
	from which the remaining orig. bearing tree
	A mesquite snag, 6 ins. diam., 2 ft. high, bears S. 60° E., 25 lks. dist., with a healed blaze.
	Cor. is located on an E. facing slope.
	S. 0°03' W., bet. secs. 15 and 16.
	Over rolling hills, through mesquite, ocotillo, prickly pear and agave.
39.90	The 1/4 sec. cor. of secs. 15 and 16, monumented with a sandstone, 12 x 8 ins., firmly set, projecting 8 ins. above ground, mkd. 1/4 on the W. face, with a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.
	from which the remaining orig. bearing tree
•	A mesquite stump, 10 ins. diam., 6 ft. high, bears N. 74 1/2° W., 1.19 chs. dist., with a rotted out blaze.
	Cor. is located on a SW facing slope, 50 lks. E. of a trail road, (10 ft. wide, bears S. 35° E. and N. 30° W.)
	S. 0°04' W., beginning new measurement.
39.89	The cor. of secs. 15, 16, 21 and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 16 ins. above ground, in a mound of stone, 2 ft. base, 1 ft. high, with brass cap mkd. T18S R16E S16 S15 S21 S22 1970, with steel sign post set alongside. Add the marks 2012 to the brass cap.
	from which the remains of the orig. bearing trees
	A dead standing mesquite, 14 ins. diam., bears N. 7 1/4° E., 1.19 chs. dist., with illegible scribe marks on a partially healed blaze.
	A root hole, 2 1/2 ft. diam., bears N. 7 3/4° W., 33 lks. dist., with dead and down mesquite, 16 ins. diam., alongside.

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Cor. is located on right bank of wash, 7 ft. wide, drains S.
	From the cor. of secs. 16, 17, 20 and 21.
	N. 89°57' E., bet. secs. 16 and 21.
	Over broken hills and canyons, through juniper and mesquite.
38.00	Gulch, 40 ft. wide, drains S. 45° E.
	Ascend SW facing slope.
39.96	The 1/4 sec. cor. of secs. 16 and 21, perpetuated by James L. Dean, Arizona R.L.S. No. 14145 in 1987, as recorded with the Pima County Recorder, in book of surveys No. 5, page 31, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 11 ins. above ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd. 1/4 S16 S21 LS14145 1987. This is accepted as a careful and faithful perpetuation of the orig. cor. position.
	from which the orig. bearing trees
	A dead standing mesquite, 8 ins. diam., bears S. 19 3/4° W., 2.09 chs. dist., with a partially healed blaze.
	A dead standing mesquite, 10 ins. diam., bears N. 32 3/4° W., 2.22 chs. dist., mkd. 1/4 S16 BT on a partially healed blaze.
	and bearing trees mkd. by Dean in 1987
	A juniper, 16 ins. diam., bears N. 21° E., 1.10 chs. dist., mkd. B on a partially healed blaze, with an affixed bearing tree tag.
	A juniper, 12 ins. diam., bears N. 43° W., 1.45 chs. dist., with a healed blaze, with an affixed bearing tree tag.
	A steel fence post is set alongside the cor.
	Cor. is located at end of barbed wire fence line, extending S.
	S. 89°59' E., beginning new measurement.
0.30	Fence line, extending S. 40° E. and N. 40° W.
39.99	The cor. of secs. 15, 16, 21 and 22.

CHAINS	1. 10 b., k. 10 H., Gila and Balt Kivel Melidian, Alizona
CIPILING	
	S. 0°04' W., bet. secs. 21 and 22.
	Over rolling hills, through juniper and mesquite.
40.05	The 1/4 sec. cor. of secs. 21 and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 13 ins. above ground, in a mound of stone, 3 ft. base, 1 1/2 ft. high, with brass cap mkd. T18S R16E 1/4 S21 S22 1970.
	from which the orig. bearing tree
	A mesquite, 10 ins. diam., bears S. 69° E., 34 lks. dist., mkd. 1/4 S22 BT on a partially healed blaze.
	Cor. is located 25 lks. E. of wash, 13 ft. wide, drains N.
	S. 0°06' W., beginning new measurement.
40.00	The cor. of secs. 21, 22, 27 and 28, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd. T18S R16E S21 S22 S28 S27 1970.
	from which the remaining orig. bearing tree
·	A mesquite, 12 ins. diam., bears N. 12 1/4° W., 1.35 chs. dist., with illegible scribe marks on a partially healed blaze.
	A steel fence post is set alongside the cor., and a mound of stone, 3 ft. base, 1 1/2 ft. high, is W. of the cor.
	Add the marks 2012 to the brass cap.
	From the cor. of secs. 20, 21, 28 and 29.
·	S. 89°51' E., bet. secs. 21 and 28.
40.28	True point for the $1/4$ sec. cor. of secs. 21 and 28, at proportionate dist.
	From this true point, a local monument established by person(s) unknown, monumented with a granite stone, 13 x 3 ins., firmly set, projecting 6 ins. above ground, in a mound of stone, 2 1/2 ft. base, 4 ins. high, bears S. 29°40' W., 67.5 lks. dist.
42.20	Wash, 15 ft. wide, drains N. 25° E.

CHAINS	
42.62	The witness cor. to the 1/4 sec. cor. of secs. 21 and 28, perpetuated by James L. Dean, Arizona R.L.S. No. 14145 in 1987, as recorded with the Pima County Recorder, in book of surveys No. 5, page 31, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, 11 ins. below grade, with aluminum cap mkd. WC S21 S28 RLS14145 1986. This is accepted as a careful and faithful perpetuation of the orig. cor. position.
	from which the remaining orig. bearing tree
	A willow stump, 14 ins. diam., 3 ft. high, bears N. 1 1/2° W., 1.10 chs. dist., with illegible scribe marks on a partially healed blaze.
	and bearing trees mkd. by Dean in 1986
	A double trunk willow, 14 ins. diam. on scribed trunk, bears N. 56° E., 42 lks. dist., mkd. BT on a partially healed blaze, with an affixed bearing tree tag.
,	A hackberry, 8 ins. diam., bears S. 29° E., 68 lks. dist., with a healed blaze, with an affixed bearing tree tag.
	Deposit a magnet, in a white plastic case, alongside the aluminum pipe.
	S. 89°55' E., beginning new measurement.
37.84	The cor. of secs. 21, 22, 27 and 28.
	S. 0°11' W., bet. secs. 27 and 28.
	Over rolling hills, through juniper and cedar.
40.01	The $1/4$ sec. cor. of secs. 27 and 28, monumented with a sandstone, 10 x 10 ins., firmly set, projecting 10 ins above ground, mkd. $1/4$ on the W. face, with mound of stone, 2 $1/2$ ft. base, 1 ft. high, W. of cor. Rebuild mound of stone to 2 $1/2$ ft. base, 1 $1/2$ ft. high.
	from which the remaining orig. bearing tree
	A cedar, 15 ins. diam., bears N. 76° W., 1.79 chs. dist., with illegible scribe marks on a partially healed blaze.
	Not remonumented.
	S. 0°11' W., beginning new measurement.

CHAINS	
	Over rolling grassland, through scattered mesquite and juniper.
39.80	Barbed wire fence, 4 strand, bears N. 75° E. and S. 75° W.
40.00	Ridge, bears N. 45° E. and S. 45° W.
40.06	The cor. of secs. 27, 28, 33 and 34, perpetuated by William D. Gay, Arizona R.L.S. No. 21768 in 1992, as recorded with the Pima County Recorder, in book 8, page 89, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 1/2 ft. base, 1 ft. high, with aluminum cap mkd. T18S R16E S28 S27 S33 S34 LS21768 1992. This is accepted as a careful and faithful perpetuation of the orig. cor. position.
	from which the orig. bearing trees
	A dead oak snag, 8 ins. diam., bears N. 15° E., 1.82 chs. dist., with illegible scribe marks on a weathered blaze.
	A dead oak snag, 8 ins. diam., bears N. 10 3/4° W., 1.42 chs. dist., with illegible scribe marks on a weathered blaze.
	From the cor. of secs. 28, 29, 32 and 33.
	N. 89°49' E., bet. secs. 28 and 33.
	Over rolling hills, through scattered juniper, mesquite and chaparral.
40.21	The 1/4 sec. cor. of secs. 28 and 33, perpetuated by William D. Gay, Arizona R.L.S. No. 21768, in 1992, as recorded with the Pima County Recorder, in book 8, page 89, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 2 1/2 ft. base, 10 ins. high, with aluminum cap mkd. T18S R16E S28 1/4 S33 LS21768 1992, with a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, N. of cor. This is accepted as a careful and faithful perpetuation of the orig. cor. position.
	from which the remaining orig. bearing tree
	A dead standing oak, 14 ins. diam., bears S. 71 1/4° W., 2.53 chs. dist., with a weathered and rotted blaze.
	and an accessory mkd. by Gay in 1992
	A rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground, with affixed brass washer mkd. LS21768, bears N. 25 1/4° E., 82.5 lks. dist.

CILL THE	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Not remonumented.
	N. 89°53' E., beginning new measurement.
40.07	The cor. of secs. 27, 28, 33 and 34.
,	S. 0°01' W., bet. secs. 33 and 34.
1.50	Arizona State Highway No. 83, asphalt surfaced, 60 ft. wide, bears N. 75° E. and S. 75° W.
40.13	The 1/4 sec. cor. of secs. 33 and 34, reestablished by Christophe J. Franks, Arizona R.L.S. No. 22258, monumented with a rebar, 13 ins. long, 1/2 in. diam., firmly set, 10 ins. in the ground, with attached aluminum cap mkd. RLS 22258. This is accepted as a careful and faithful reestablishment of the orig. cor. position.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	T 18 S R 16 E
	1/4 S 33   S 34
	2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	Raise a mound of stone, 2 ft. base, 1 ft. high, W. of cor.
	S. 0°01' W., beginning new measurement.
39.09	Point for the closing cor. of secs. 33 and 34, at intersection with the S. bdy. of the Tp.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

CHAINS

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

From this cor. point, the orig. closing cor., bears S. 0°01' W., 3.5~lks. dist., monumented with a sandstone, 11~x~7 ins., firmly set, projecting 10 ins. above ground, mkd. CC on the N. face, and 3 grooves on E. and W. faces, with a mound of stone 3 ft. base, 1~1/2~ft. high N. of cor.

Chisel the marks AM on the top face of the sandstone.

From this same cor. point, the cor. of secs. 3 and 4 only, T. 19 S., R. 16 E., bears S. 89°51' W., 4.99 chs. dist., monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd. T18S R16E S33 S4 S3 T19S LS21768 1992, and as described in the official record of the 2012 dependent resurvey of the N. bdy., T. 19 S., R. 16 E., executed concurrently under this same group.

The point for the 1/4 sec. cor. of sec. 33, T. 18 S., R. 16 E., on the S. bdy. of sec. 33, established by William D. Gay, Arizona R.L.S. No. 21768, in 1992, as recorded with the Pima County Recorder, in book 8, page 89. Monumented with an aluminum rod, 3/4 in. diam., firmly set, projecting 8 ins. above ground, in a mound of stone, 3 1/2 ft. base, to top, with affixed aluminum cap incorrectly mkd. T18S R16E 1/4 S33 S4 T19S LS21768 1992, with a steel sign post set alongside. This is accepted as a careful and faithful establishment of the cor. position.

from which bearing trees mkd. by Gay in 1992

- A dead standing oak, 13 ins. diam., bears N. 82° E., 61 lks. dist., mkd. BT on partially healed blaze, with an affixed bearing tree tag.
- A juniper, 7 ins. diam., bears N. 52° W., 1.31 chs. dist., mkd. BT on partially healed blaze, with an affixed bearing tree tag.

#### CHAINS

From this cor. point, the 1/4 sec. cor. of sec. 4 only, T. 19 S., R. 16 E., bears S. 89°47' W., 4.56 chs. dist., monumented with an aluminum rod, 3/4 in. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 3 ft. base, to top, with affixed aluminum cap mkd. T18S R16E S33 1/4 S4 T19S LS21768 1992, and as described in the official record of the 2012 dependent resurvey of the N. bdy., T. 19 S., R. 16 E., executed concurrently under this same group.

From the cor. of secs. 9, 10, 15 and 16.

S. 89°50' E., bet. secs. 10 and 15.

Over rolling hills, through mesquite, juniper, prickly pear and agave.

Descend E. facing slope.

38.60 Barbed wire fence, 4 strand, extending N. and S.

39.99 The 1/4 sec. cor. of secs. 10 and 15, monumented with a sandstone, 18 x 10 x 7 ins., firmly set, projecting 6 ins. above ground, mkd. 1/4 on the N. face, with a mound of stone, 3 ft. base, 1 1/2 ft. high, N. of cor.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in ground to bedrock, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.

2012

Bury the orig. stone alongside the stainless steel post.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located on a N. facing slope, 3 1/2 chs. N. of barbed wire fence, 4 strand, extending E. and W.

From the cor. of secs. 15, 16, 21 and 22.

S. 89°49' E., bet. secs. 15 and 22.

CHAINS	
	Over rolling hills, through mesquite and juniper.
38.70	Barbed wire fence, 4 strand, extending N. 5° E and S. 5° W.
39.12	The witness cor. to the 1/4 sec. cor. of secs. 15 and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, in a mound of stone, 2 1/2 ft. base, 6 ins. high, with brass cap mkd. T18S R16E WC1/4 S15 S22 1970.
	from which the orig. bearing trees
	A mesquite stump, 6 ins. diam., bears N. 27° E., 93 lks. dist., with illegible scribe marks on a partially healed blaze.
	A dead standing mesquite, 7 ins. diam., bears S. 68 1/4° W., 47 lks. dist., with illegible scribe marks on a partially healed blaze.
	Add the marks 2012 to the brass cap.
	S. 89°48' E., beginning new measurement.
1.00	True point for the $1/4$ sec. cor. of secs. 15 and 22, at proportionate dist.; falls on steep left bank of a wash, 65 ft. wide, drains N. 80° E.
40.98	The cor. of secs. 14, 15, 22 and 23, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. T18S R16E S15 S14 S22 S23 1970.
	from which the remaining orig. bearing tree
	A dead standing oak, 12 ins. diam., bears N. 66 1/2° E., 4.39 chs. dist., with illegible scribe marks on a weathered blaze.
•	A steel fence post is set alongside the cor. and a mound of stone, 3 ft. base, 1 1/2 ft. high is W. of the cor.
	Add the marks 2012 to the brass cap.
	Cor. is located 7 lks. S. $30^{\circ}$ W. of a fence corner, with fences extending S. and W.
	S. 1°04' E., bet. secs. 22 and 23.
	Over rolling grassland, through mesquite and ocotillo.

#### CHAINS

39.74

The 1/4 sec. cor. of secs. 22 and 23, monumented with a sandstone, 15 x 10 x 6 ins., loosely set, projecting 11 ins. above ground, mkd. 1/4 on W. face, with a mound of stone, 2 ft. base, 1 ft. high, W. of cor.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in ground, in a mound of stone, 1 1/2 ft. base, to top, with brass cap mkd.

2012

Bury the orig. stone alongside the stainless steel post.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located on nearly level ground, 1.20 chs. E. of barbed wire fence, 4 strand, extending N. and S.

S. 1°16' W., beginning new measurement.

40.25

The cor. of secs. 22, 23, 26 and 27, monumented with a sandstone, 16 x 10 x 6 ins., firmly set, projecting 9 ins. above ground, mkd. with 2 grooves on the E. face and 2 grooves on the S. face, with a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of the cor.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.

2012

Bury the orig. stone alongside the stainless steel post.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located on nearly level ground, 5 lks. E. of barbed wire fence, 4 strand, extending N. and S.

CHAINS

From the cor. of secs. 21, 22, 27 and 28.

S. 89°50' E., bet. secs. 22 and 27.

Over rolling hills, through mesquite and juniper.

40.06

The 1/4 sec. cor. of secs. 22 and 27, perpetuated by William D. Gay, Arizona R.L.S. No. 21768 in 1992, as recorded with the Pima County Recorder, in book 8, page 89, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, in a mound of stone, 3 1/2 ft. base, to top, with aluminum cap mkd. T18S R16E S22 1/4 S27 LS21768 1991. This is accepted as a careful and faithful perpetuation of the orig. cor. position.

from which accessories mkd. by Gay in 1991

- A rebar, 1/2 in. diam., firmly set, projecting 1 in. above ground, encircled with a collar of stone, 1 1/2 ft. diam., with affixed aluminum cap, mkd. RM LS21768, bears S. 1° E., 75.9 lks. (50 ft.)dist.
- A rebar, 1/2 in. diam., firmly set, projecting 1 in. above ground, encircled with a collar of stone, 1 ft. diam., with affixed aluminum cap, mkd. RM LS21768, bears N. 1° W., 75.9 lks. (50 ft.)dist.

The orig. cor., (a sandstone 15 x 10 x 8 ins., mkd. 1/4 on a face) was found lying loose alongside the aluminum pipe.

From this cor. point, a steel fence post, in a mound of stone, 3 ft. base, 2 ft. high, bears  $N.\ 20^{\circ}\ E.$ , 9 lks. dist.

S. 89°55' E., beginning new measurement.

40.02

The cor. of secs. 22, 23, 26 and 27.

S. 0°04' W., bet. secs. 26 and 27.

Over rolling grassland, broken by washes, along an old fence line, meandering N. and S., through scattered juniper and mesquite.

#### CHAINS

39.90

The 1/4 sec. cor. of secs. 26 and 27, monumented with a sandstone, 18 x 10 x 6 ins., loosely set, projecting 10 ins. above ground, mkd. 1/4 on W. face, with a scattered mound of W. of cor.

from which the remaining orig. bearing tree

A dead standing ash, 10 ins. diam., bears S. 19° W., 2.67 chs. dist., with a healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in ground, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd.

T 18 S R 16 E 1/4 S 27 | S 26

2012

Bury the orig. stone alongside the stainless steel post.

Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located 4 lks. W. of a barbed wire fence, 4 strand, extending N. and S.

S. 0°02' W., beginning new measurement.

19.955

Point for the S. 1/16 sec. cor. of secs. 26 and 27.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in ground, to bedrock, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located 5 lks. W. of barbed wire fence, 4 strand, meandering N. and S. and 50 lks. E. of a wash, 10 ft. wide, drains N.

#### CHAINS

39.91

The cor. of secs. 26, 27, 34 and 35, monumented with a limestone, 16 x 8 x 8 ins., firmly set, projecting 3 ins. above ground, mkd. with 2 grooves on the E. face and 1 notch on the S. face, with a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.

2012

Bury the orig. stone alongside the stainless steel post.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located on a gentle NW facing slope, 2 lks. W. of barbed wire fence, (4 strand, meandering N. and S.), in scattered mesquite, juniper and prickly pear.

From the cor. of secs. 27, 28, 33 and 34.

N. 89°55' E., bet. secs. 27 and 34.

Over rolling grassland, through scattered mesquite and juniper.

Descend SE facing slope.

40.13

The 1/4 sec. cor. of secs. 27 and 34, monumented with a sandstone, 13 x 10 x 6 ins., firmly set, 7 ins. in the ground, in a mound of stone, 3 ft. base, 6 ins. high, mkd. 1/4 on W. face.

from which the remaining orig. bearing tree

A mesquite, 8 ins. diam., bears N. 1 1/4° W., 3.08 chs. dist., with a healed blaze. (Record: oak)

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.

## Dependent Resurvey of a Portion of the Subdivisional Lines, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

2012

Bury the orig. stone alongside the stainless steel post.

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located 1.10 chs. N. of a dirt road, 10 ft. wide, bears S.  $40^{\circ}$  E. and W.

N. 89°58' E., beginning new measurement.

20.075

Point for the E. 1/16 sec. cor. of secs. 27 and 34.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located on level ground, within juniper and mesquite.

40.15

The cor. of secs. 26, 27, 34 and 35.

Dependent Resurvey of Portions of Mineral Survey No. 1297 B in Section 29, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

Preliminary Statement: The following, is the dependent resurvey of the exterior boundaries of Mineral Survey No. 1297 B, which is identical with the Coronado National Forest boundary. The Rosemont Copper company proposes to store mining tailings in the locality. Lost corners were not remonumented.

CHAINS	
	Restoring the survey executed by George J. Roskruge, in 1898
	Coconino Mill Site
	From cor. No. 1, Coconino Mill Site, monumented with a redwood post, 4 ft. long, 4 ins. sq., with illegible scribe marks, loosely set in a mound of stone, 1 1/2 ft. base, 1 ft. high.
	At the center of the mound of stone, reset the post 13 ins. in the ground.
	From this cor. point, the cor. of secs. 29, 30, 31 and 32, bears S. 26°15' W., 8.99 chs. dist., hereinbefore described.
·	N. 3°44' W., on line 1-2, Coconino Mill Site
5.00	Point for cor. No. 2, Coconino Mill Site, identical with cor. No. 1, Chicago Mill Site, at proportionate dist.; there is no remaining evidence of the orig. cor.
	From cor. No. 4, Coconino Mill Site, identical with cor. No. 1, Oregon Mill Site, monumented with a redwood post, 4 ins. sq., firmly set, projecting 24 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, mkd. 1 7B on the E. face and 1297B on the W. face.
	from which the orig. bearing trees
	A dead standing oak, 10 ins. diam., bears N. 16 1/2 E., 1.49 chs. dist., with illegible scribe marks on a partially healed blaze.
	A dead standing oak, 6 ins. diam., bears N. 21 3/4° E., 49 lks. dist., with a healed blaze.
	Thence, S. 87°08' W., on line 4-1, Coconino Mill Site.
5.05	South Side Center Monument, a mound of stone, 2 1/2 ft. base, 1 ft. high, containing fragmented remains of a redwood post.
	S. 85°30' W., beginning new measurement.
4.97	Cor. No. 1, Coconino Mill Site.
	Chicago Mill Site

## Dependent Resurvey of Portions of Mineral Survey No. 1297 B in Section 29, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	From the point for Cor. No. 1, Chicago Mill Site, identical with Cor. No. 2, Coconino Mill Site, hereinbefore described.
	N. 3°44' W., on line 1-2, Chicago Mill Site.
4.40	Dirt road, 20 lks. wide, bears S. 70° E. and N. 45° W.
5.00	Cor. No. 2, Chicago Mill Site, monumented with the fragmentary remains of the orig. redwood post, within an embedded mound of stone, 2 1/2 ft. base, 6 ins. high.
	from which the orig. bearing trees
	An oak, 19 ins. diam., bears S. 26°45' E., 1.03 chs. dist., with a healed blaze.
	A dead standing oak, 10 ins. diam., bears S. 73°15' W., 98.5 lks. dist., with a healed blaze.
·	Thence, N. 86°13' E., on line 2-3, Chicago Mill Site.
5.00	Point for the North Side Center Monument, at proportionate dist.; there is no remaining evidence of the orig. cor.
10.00	Point for cor. No. 3, Chicago Mill Site, identical with cor. No. 2, Old Put Mill Site, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Oregon Mill Site
	From cor. No. 4, Oregon Mill Site, on line 1-2, Ajax Consolidated Mill Site, determined from the remains of the orig. bearing trees
	A dead standing oak, 17 ins. diam., bears S. 68°45' W., 1.395 chs. dist., mkd. BT 1297B on a partially healed blaze.
	An oak stump, 27 ins. diam., 6 ft. high, bears S. 71°40' W., 1.365 chs. dist., with a healed blaze. (Record: S. 74°30' W.)
	Thence, S. 86°25' W., on line 4-1, Oregon Mill Site.
5.00	South Side Center Monument, a redwood post, 4 ins. sq., firmly set, projecting 20 ins. above ground, in an embedded mound of stone, 2 1/2 ft. base, mkd. SSCt O on the N. face.
	S. 86°12' W., beginning new measurement.

## Dependent Resurvey of Portions of Mineral Survey No. 1297 B in Section 29, , R. 16 E., Gila and Salt River Meridian, Arizona

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
5.00	Cor. No. 1, Oregon Mill Site, identical with Cor. No. 4, Coconino Mill Site, hereinbefore described.
	Old Put Mill Site
	From the point for cor. No. 2, Old Put Mill Site, identical with cor. No. 3, Chicago Mill Site, hereinbefore described.
	N. 86°13' E., on line 2-3, Old Put Mill Site.
5.00	Point for North Side Center Monument, at proportionate dist.; there is no remaining evidence of the orig. cor.
10.00	Cor. No. 3, Old Put Mill Site, monumented with a redwood post, 4 ins. sq., firmly set, projecting 30 ins. above ground, in a mound of stone, 2 1/2 ft. base, 1 ft. high, mkd. 3/1297B on the W. face.
•	Cor. is located on a W. facing slope, in ocotillo and scattered juniper.
	S. 4°01' E., on a portion of line 3-4, Old Put Mill Site.
0.99	Cor. No. 2, Old Pap Mill Site, monumented with a redwood post, 4 ins. sq., firmly set, projecting 24 ins. above ground, in an embedded collar of stone, 3 ft. base, with illegible scribe marks on the E. face.
	Raise a mound of stone around redwood post, 1 ft. base, 6 ins. high.
	Cor. is located on a W. facing slope, in ocotillo and scattered juniper.
	Ajax Consolidated Mill Site
	From cor. No. 1, Ajax Consolidated Mill Site, monumented with a redwood post, 4 ins. sq., firmly set, projecting 27 ins. above ground, mkd 1/1297B on the E. face, in a mound of stone, 3 ft. base, 1 ft. high.
	from which the remaining orig. bearing tree
	A dead standing oak, 14 ins. diam., bears N. 43°15' E., 1.23 chs. dist., with a healed blaze.

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	N. 3°24' W., on a portion of line 1-2, Ajax Consolidated Mill Site.
0.97	Cor. No. 4, Oregon Mill Site, hereinbefore described.
	From Cor. No. 4, Ajax Consolidated Mill Site, identical with cor. No. 1, Franklin Mill Site, monumented with a redwood post, 4 ins. sq., firmly set, projecting 24 ins. above ground, in an embedded collar of stone, 2 1/2 ft. base, mkd. 1/1297B on the E. face and 4/1297B on the W. face.
	from which the orig. bearing trees
	An oak, 28 ins. diam., bears S. 54°30' W., 79.5 lks. dist., with illegible scribe marks on a partially healed blaze.
·	A walnut, 24 ins. diam., bears N. 45°30' W., 53 lks. dist., with illegible scribe marks on a weathered blaze.
	Cor. is located on level ground, in walnut, oak and juniper.
	S. 86°13' W., on line 4-1, Ajax Consolidated Mill Site.
5.00	Ridge, bears E. and W., in mesquite and juniper.
5.01	South Side Center Monument, a redwood post, 4 ins. sq., firmly set, projecting 30 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, mkd. SS AC on the N. face.
	S. 86°23' W., beginning new measurement.
5.01	Cor. No. 1, Ajax Consolidated Mill Site, hereinbefore described.
	Old Pap Mill Site
	From cor. No. 2, Old Pap Mill Site, on line 3-4, Old Put Mill Site, hereinbefore described.
	Thence, N. 86°25' E., on line 2-3, Old Pap Mill Site.
5.00	North Side Center Monument, a mound of stone, 3 ft. base, 1 ft. high, with hole in center, 4 ins. sq., 8 ins. deep.
	Cor. is located on an E. facing slope, in agave, prickly pear, ocotillo, scattered juniper and mesquite.
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T.	18	S.,	R.	16	Ε.,	Gila	and	Salt	River	Meridian,	Arizona
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	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	N. 86°09' E., beginning new measurement.
5.01	Cor. No. 3, Old Pap Mill Site, identical with Cor. No. 2, Franklin Mill Site, monumented with a broken redwood post, 4 ins. sq., firmly set, projecting 12 ins. above ground, in an embedded collar of stone, 2 ft. base.
·	Raise mound of stone around broken redwood post, 2 ft. base, 1 ft. high.
	Cor. is located on an E. facing slope, in juniper, mesquite and scattered oak.
	Franklin Mill Site
	From cor. No. 2, Franklin Mill Site, identical with cor. No. 3, Old Pap Mill Site, hereinbefore described.
	N. 86°47' E., on line 2-3, Franklin Mill Site.
5.02	Cor. No. 3, Franklin Mill Site, monumented with a redwood post, 4 ft. long, 4 ins. sq., mkd. 7B on a face, loosely set in a mound of stone, 2 ft. base, 1 ft. high.
	At the center of the mound of stone, reset the post 16 ins. in the ground, with scribe marks facing W., rebuild mound of stone, to 3 ft. base, 1 1/2 ft. high.
	Cor. is located on a SE facing slope, in scattered mesquite, juniper and prickly pear.
	S. 2°46' E., on line 3-4, Franklin Mill Site.
4.985	Point for East Side Center Monument, at proportionate dist.; there is no remaining evidence of the orig. cor.
9.97	Cor. No. 4, Franklin Mill Site, monumented with a redwood post, 4 ft. long, 4 ins. sq., mkd. 4/1297B on a face, loosely set in a mound of stone, 2 ft. base, 1 ft. high.
	At the center of the mound of stone, reset the post 12 ins. in the ground, with scribe marks facing W., rebuild mound of stone, to 2 1/2 ft. base, 1 1/2 ft. high.
	Cor. is located on a N. facing slope, 38 lks. W. of a fence line, extending N. and S.
	S. 86°15' W., on line 4-1, Franklin Mill Site.

	Mineral Survey No. 1297 B in Section 29,
	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
4.85	Cor. No. 1, Franklin Mill Site, identical with cor. No. 4, Ajax Consolidated Mill Site, hereinbefore described.
	Dependent Resurvey of Portions of Certain Mineral Surveys in Section 19,
	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
	Preliminary Statement: The following, are the dependent resurveys in section 19, identifying the Coronado National
	Forest boundary. Portions of the following surveys were resurveyed: M.S. Nos. 1297 A, 1308 and 3954.
	resurveyed: M.S. Nos. 1297 A, 1300 and 3954.
	Restoring a portion of M S No 3954

Restoring a portion of M.S. No. 3954, executed by T.N. Stevens in 1924

From the intersection of the line bet. secs. 19 and 30, with line 4-1, Olustee lode, M.S. No. 3954, hereinbefore described.

N. 29°05' W., on a portion of line 4-1, Olustee lode.

2.04 Cor. No. 1, Landor lode, M.S. No. 3954, on line 4-1, Olustee lode, monumented with a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high.

S. 88°12' W., on a portion of line 1-4, Landor lode.

8.10 Intersect the line bet. secs. 19 and 24, on the W. bdy. of the Tp.

From this point, the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., bears S.  $0^{\circ}09^{\circ}$  E., 1.49 chs. dist., hereinbefore described.

From this same point, the point for cor. No. 4, Landor lode, bears S. 88°12' W., 10.85 chs. dist., reestablished on the projection of the bearing from cor. No. 3, Landor lode, through the West End Center Monument and at record dist. from the West End Center Monument, and as described in the official record of the 2011-12 dependent resurvey in sec. 24, T. 18 S., R. 15 E., executed concurrently under this same group.

From the intersection of the line bet. secs. 19 and 30, with line 1-2, Olustee lode, M.S. No. 3954, hereinbefore described.

N. 67°43' E., on a portion of line 1-2, Olustee lode.

# Dependent Resurvey of Portions of

# Certain Mineral Surveys in Section 19, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
2.39	The South End Center, Olustee lode, monumented with a mound of stone, 4 ft. base, 2 ft. high.
	N. 67°25' E., beginning new measurement.
4.50	Cor. No. 2, Olustee lode, monumented with a sq. iron pin, 1/2 x 1/2 in., firmly set, projecting 2 ins. above ground, in a mound of stone, 3 1/2 ft. base, 2 ft. high.
	N. 28°40' W., on line 2-3, Olustee lode.
22.70	Cor. No. 3, Olustee lode, identical with cor. No. 3, Malachite lode, M.S. No. 1308, monumented with a 1 1/4 in. diam., iron pin, firmly set, projecting 30 ins. above ground, with attached 2 x 2 ins. sq. brass cap, stamped U.S. MINERAL SURVEY No. 3954 on the top face and 3 OLU on the S. edge, in a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high.
	Restoring a portion of M.S. No. 1308, executed by George J. Roskruge in 1898
W. Carlon	N. 22°52' W., on a portion of line 3-2 Malachite lode.
6.36	Point for cor. No. 4, Amole lode, M.S. No. 1308, on line 2-3, Malachite lode, reestablished at record dist. from the South Center Monument, Amole lode (300 ft.), on the projection of the bearing from cor. No. 3, Amole lode through the South Center Monument, Amole lode.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T 18 S R 16 E  MS 1308  MALACHITE  MS 1308  C4
	2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	N. 67°18' E., on line 4-3, Amole lode.

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
4.54	The South Center Monument, Amole lode, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 24 ins. above ground, in a mound of stone, 2 1/2 ft. base, 1 ft. high, with faint illegible scribe marks on the N. face.
	N. 67°18' E., beginning new measurement.
4.54	Cor. No. 3, Amole lode, monumented with a redwood post, $4 \times 4$ ins., firmly set, projecting 32 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with faint illegible scribe marks on the N. face.
	from which the remaining bearing tree
	A stump hole, 20 ins. diam., bears S. 22 1/4° W., 33.5 lks. dist., with a dead and down oak with a rotted blaze alongside.
	N. 22°38' W., on a portion of line 3-2, Amole lode.
21.23	Intersect line 4-1, Cuprite lode, M.S. No. 1308.
	From this point, cor. No. 1, Cuprite lode, bears N. 79°52' W., 3.86 chs. dist., hereinafter described.
	From this same point, cor. No. 2, Amole lode, bears N. 22°38' W., 1.51 chs. dist., monumented with a redwood post, 4 x 4 ins., firmly set, projecting 36 ins. above ground, in a mound of stone, 3 ft. base, 1 1/2 ft. high, with faint illegible scribe marks on the S. face.
	S. 79°52' E., on a portion of line 1-4, Cuprite lode.
0.67	The South Center Monument, Cuprite lode, a redwood post, 4 x 4 ins., firmly set, projecting 30 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, mkd. SCC on the N. face.
	S. 80°12' E., beginning new measurement.
4.52	Cor. No. 4, Cuprite lode, monumented with the decayed remains of a redwood post, within the center of a collapsed mound of stone, with the remainder of the redwood post (42 x 4 x 4 ins., with faint illegible scribe marks on a face), lying loose nearby.
	from which the bearing trees
	An oak, 17 ins. diam., bears S. 85° E., 69 lks. dist., with a healed blaze.

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	An oak snag, 13 ins. diam., bears S. 18° W., 57 lks. dist., with a healed blaze. (Record: S. 21° W.)
	Reset the redwood post, 7 ins. in the ground over the decayed remains and surround with a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high.
	N. 10°02' E., on line 4-3, Cuprite lode.
22.65	Cor. No. 3, Cuprite lode, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 34 ins. above ground, in a mound of stone, 3 ft. base, 2 ft. high, mkd. 3 1308 on the S. face.
	N. 80°14' W., on line 3-2, Cuprite lode.
4.55	The Initial Monument, Cuprite lode, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 34 ins. above ground, in a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high, mkd. IMC on the S. face.
	N. 80°04' W., beginning new measurement.
4.54	Cor. No. 2, Cuprite lode, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 34 ins. above ground, in a mound of stone, 4 ft. base, 1 1/2 ft. high, with faint illegible scribe marks on the S. face.
	S. 9°56' W., on line 2-1, Cuprite lode.
22.63	Cor. No. 1, Cuprite lode, monumented with a redwood post, $48 \times 4 \times 4$ ins., loosely set, in a collapsed mound of stone, mkd 1308 on a face.
	from which the bearing tree
	An oak, 24 ins. diam., bears N. 85 1/4° E., 29.5 lks. dist., with a healed blaze.
	At the center of the collapsed mound of stone, reset the redwood post, 10 ins. in the ground, with scribe marks facing N., rebuild the mound of stone to 3 1/2 ft. base, 2 ft. high.
	S. 79°52' E., on a portion of line 1-4, Cuprite lode.
1.08	Intersect line 1-2, Amole lode.

## Dependent Resurvey of Portions of Certain Mineral Surveys in Section 19, R. 16 E., Gila and Salt River Meridian, Arizona

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	From this point, cor. No. 2, Amole lode bears N. 67°19' E., 2.34 chs. dist., hereinbefore described.
	S. 67°19' W., on a portion of line 2-1, Amole lode.
2.23	The Initial Monument, Amole lode, a mound of stone, 4 ft. base, 1 1/2 ft. high.
	At the center of the mound of stone
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, in the mound of stone, 4 ft. base, to top, with brass cap mkd.
	T 18 S R 16 E S19
	IM
	AMOLE MS 1308
	2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	S. 67°32' W., beginning new measurement.
0.095	Intersect the line bet. secs. 19 and 24, on the W. bdy. of the Tp.
	From this point, the 1/4 sec. cor. of secs. 19 and 24, bears S. 0°11' E., 11.26 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. T18S 1/4 R15E R16E S24 S19 2011, and as described in the official record of the 2011-12 dependent resurvey of the E. bdy., T. 18 S., R. 15 E., executed concurrently under this same group.
	From this same point, cor. No. 1, Amole lode, bears S. 67°32' W., 4.46 chs. dist., monumented with a redwood post, 4 x 4 ins., firmly set, projecting 32 ins. above ground, in a mound of stone, 3 1/2 ft. base, 1 ft. high, with faint illegible scribe marks on S. face, and as described in the official record of the 2011-12 dependent resurvey in sec. 24, T. 18 S., R. 15 E., executed concurrently under this same group.

## Dependent Resurvey of Portions of Certain Mineral Surveys in Section 19, R. 16 E., Gila and Salt River Meridian, Arizona

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Restoring a portion of M.S. No. 1297 A, executed by George J. Roskruge in 1898
,	From the intersection of the line bet. secs. 19 and 30 with line 3-4, R.G. Ingersoll lode, M.S. No. 1297 A, hereinbefore described.
	N. 2°56' E., on a portion of line 4-3, R.G. Ingersoll lode.
2.04	Cor. No. 3, R.G. Ingersoll lode, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 30 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, mkd. 3 1297A on the S. face.
	N. 87°01' W., on line 3-2, R.G. Ingersoll lode.
4.55 ·	The North Center Monument, R.G. Ingersoll lode, monumented with a decayed redwood post, 16 x 4 x 4 ins., lying loose within a mound of stone, 3 ft. base, 1 ft. high.
	At the center of the mound of stone
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.
	T 18 S R 16 E S 19
	NEC R.G. INGERSOLL M.S. 1297A
	2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Bury the redwood post, alongside stainless steel post.
	N. 86°59' W., beginning new measurement.
4.54	Cor. No. 2, R.G. Ingersoll lode, monumented with the decayed remains of a redwood post, 6 x 4 x 4 ins., set flush with the surface of the ground.
;	At the corner point

### T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.

T 18 S R 16 E

S19 C2

R.G. INGERSOLL M.S. 1297 A

2012

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Bury the redwood post, alongside stainless steel post.

S. 2°57' W., on a portion of line 2-1, R.G. Ingersoll lode.

2.475 | Intersect the line bet. secs. 19 and 30, hereinbefore described.

Dependent Resurvey of Portions of Certain Mineral Surveys in Section 30, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

Preliminary Statement: The following, are the dependent resurveys in section 30, identifying the Coronado National Forest boundary. Portions of the following surveys were resurveyed: M.S. Nos. 1297 A, 3954 and 4718.

Restoring a portion of M.S. No. 1297 A, executed by George J. Roskruge in 1898

From the intersection of line 1-2, R.G. Ingersoll lode, M.S. No. 1297 A, with the line bet. secs. 19 and 30, hereinbefore described.

S. 2°57' W., on a portion of line 2-1. R.G. Ingersoll lode.

19.77 Point selected for the witness cor. to cor. No. 1, R.G. Ingersoll lode, identical with cor. No. 2, La Fayette lode, M.S. No. 1297 A.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd.

T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

WC
T 18 S R 16 E

MS 1297A

RG ING.

C1

C2

LAFAYETTE

CHAINS

2012

MS 1297A

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

20.27 True point for cor. No. 1, R.G. Ingersoll lode, identical with cor. No. 2, La Fayette lode, determined from the remains of the orig. bearing trees

An oak snag, 12 ins. diam., bears N. 18 1/2° E., 90 lks. dist., with a healed blaze.

An oak stump, 14 ins. diam., 12 ins. high, bears N.  $47^{\circ}$  E., 75 lks. dist., with a healed blaze.

True point falls within a graded road (20 ft. wide, bearing N. 60° E. and S. 60° W.), where it is impracticable to establish a permanent monument.

S. 12°00' E., on a portion of line 2-1, La Fayette lode.

0.46 | Intersect line 3-4, Patrick Henry lode, M.S. 1297 A.

From this point, the point for cor. No. 4, Patrick Henry lode, bears S. 58°40' E., 4.16 chs. dist., determined at record dist. (1.67 ft.), based on the survey record of M.S. 4820 (unpatented), from cor. No. 3, Santa Rita #1 lode, on line 4-1 Patrick Henry lode, there is no remaining evidence of the orig. cor. From this point, cor. No. 3, Santa Rita #1 lode, bears S. 43°55' W., 0.025 chs. dist. (1.67 ft.), monumented with an iron pipe, 1 in. diam., firmly set, projecting 18 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. 3 SR 1, U.S.M.S. 4820.

From this same point, cor. No. 1, La Fayette lode, bears S. 12°00' E., 22.23 chs. dist., hereinafter described.

N. 58°40' W., on a portion of line 4-3, Patrick Henry lode.

	1. 10 S., R. 10 B., Gila and Sait River Meridian, Arrizona
CHAINS	
0.39	Point for the North Center Monument, Patrick Henry lode, at proportionate dist., there is no remaining evidence of the orig. cor.
4.94	Cor. No. 3, Patrick Henry lode, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 30 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, mkd. 1297A on the S. face.
	S. 43°54' W., on line 3-2, Patrick Henry lode.
22.74	Cor. No. 2, Patrick Henry lode, identical with cor. No. 2, Dan Webster lode, M.S. No. 1297 A, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 30 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with faint illegible scribe marks on the N. face.
	from which the remaining orig. bearing tree
	An oak snag, 11 ins. diam., bears N. 77 1/2° W., 74.5 lks.  dist., with a healed blaze.
	S. 27°12' W., on a portion of line 2-1, Dan Webster lode.
8.98	Intersect the line bet. secs. 25 and 30, on the E. bdy. of the Tp.
	From this point, the 1/4 sec. cor. of secs. 25 and 30, bears N. 0°04' W., 2.72 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd. T18S 1/4 R15E R16E S25 S30 2012, and as described in the official record of the 2011-12 dependent resurvey of the E. bdy., T. 18 S., R. 15 E., executed concurrently under this same group.
	From this same point, cor. No. 1, Dan Webster lode, bears S. 27°12' W., 12.00 chs. dist., monumented with a redwood post, 4 x 4 ins., firmly set, projecting 30 ins. above ground, in a mound of stone, 4 ft. base, 1 1/2 ft. high, mkd. 2 1 1297A on the S. face, and as described in the official record of the 2011-12 dependent resurvey in sec. 25, T. 18 S., R. 15 E., executed concurrently under this same group.
	Restoring a portion of M.S. No. 3954, executed by T.N. Stevens in 1924
	From the intersection of the line bet. secs. 19 and 30, with line 4-1, Olustee lode, M.S. No. 3954, hereinbefore described.

## Dependent Resurvey of Portions of Certain Mineral Surveys in Section 30, R. 16 E., Gila and Salt River Meridian, Arizona

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	S. 29°05' E., on a portion of line 4-1, Olustee lode
0.945	Cor. No. 1, Olustee lode, monumented with a 1 1/4 in. diam., iron pin, firmly set, projecting 24 ins. above ground, with attached 2 x 2 ins. sq. brass cap, stamped U.S. MINERAL SURVEY No. 3954 on the top face, in a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high.
	N. 67°43' E., on a portion of line 1-2, Olustee lode.
2.145	Intersect the line bet. secs. 19 and 30, hereinbefore described.
	Restoring a portion of M.S. No. 1297 A, executed by George J. Roskruge in 1898
	From the intersection of the line bet. secs. 25 and 30, on the W. bdy. of the Tp, with line 4-1, York lode, M.S. No. 1297 A.
	From this point, the cor. of secs. 19, 24, 25 and 30, bears N. 0°04' W., 21.635 chs. dist., hereinbefore described.
	From this same point, the Initial Monument of York lode, bears S. 42°56' W., 4.46 chs. dist., monumented with a redwood post, 4 x 4 ins., firmly set, projecting 38 ins. above ground, in a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high, no marks visible, and as described in the official record of the 2011-12 dependent resurvey in sec. 25, T. 18 S., R. 15 E., executed concurrently under this same group.
	N. 42°56' E., on a portion of line 1-4, York lode.
0.07	Cor. No. 4, York lode, identical with cor. No. 1, Daylight lode, M.S. No. 1297 A, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 16 ins. above ground, mkd. 1297A on the S. face.
	from which the remaining orig. bearing tree
	A laurel stump, 6 ins. diam., 6 ins. high, bears S. 17 1/2° E., 49 lks. dist., with a dead and downed laurel alongside with scarred over blaze (Record: S. 15° E., 34 ft. dist.)
	N. 51°20' E., on line 1-4, Daylight lode.
4.55	Point for the Initial Monument, Daylight lode, at proportionate dist., there is no remaining evidence of the orig. cor. Cor. point falls within a graded road, not monumented.

## Dependent Resurvey of Portions of Certain Mineral Surveys in Section 30, R. 16 E., Gila and Salt River Meridian, Arizona

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
9.10	Cor. No. 4, Daylight lode, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with the remnant of the redwood post (mkd. 4 `1297A on a face), lying loose nearby.
	from which the remains of an orig. bearing tree
	A rotting oak stump, 14 ins. diam., 16 ins. high, bears S. 49° W., 51 lks. dist.
	Deposit the remnant of the redwood post within the mound of stone.
	N. 39°00' W., on a portion of line 4-3, Daylight lode.
11.395	Intersect the line bet. secs. 25 and 30, on the W. bdy. of the Tp.
	From this point, the cor. of secs. 19, 24, 25 and 30, bears N. 0°04' W., 7.04 chs. dist., hereinbefore described.
	From this same point, cor. No. 3, Daylight lode, bears N. 39°00' W., 9.62 chs. dist., monumented with a redwood post, 4 x 4 ins., firmly set, projecting 24 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, mkd. 1297A on the S. face and 1 N.B. 3954 on the N. face, and as described in the official record of the 2011-12 dependent resurvey in sec. 24, T. 18 S., R. 15 E., executed concurrently under this same group.
	Restoring a portion of M.S. No. 4718, executed by Harvey W. Smith in 1972-78
	From the intersection of line 2-3, Santa Rita # 11 lode, M.S. No. 4718, with the line bet. secs. 30 and 31, hereinbefore described.
	N. 35°46' E., on a portion of line 2-1, Santa Rita # 11 lode.
3.88	Cor. No. 1, Santa Rita # 11 lode, identical with cor. No. 3, Santa Rita # 7, M.S. No. 4820 (unpatented), monumented with an iron pipe, 1 in. diam., firmly set, projecting 12 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. SR 7 3 SR 11 1, U.S.M.S. 4820 U.S.M.S. 4718.
	N. 58°49' W., on line 1-4, Santa Rita # 11 lode.

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
9.09	Point for cor. No. 4, Santa Rita # 11 lode, identical with cor. No. 2, Santa Rita # 10 lode, M.S. No. 4718, identical with cor. No. 2, Santa Rita # 6 lode, M.S. No. 4718, identical with cor. No. 4, Santa Rita # 7, M.S. No. 4820 (unpatented), at proportionate dist., there is no remaining evidence of the orig. cor.
	From this cor. point, cor. No. 1, Santa Rita # 10 lode, identical with cor. No. 1, Santa Rita # 9 lode, identical with cor. No. 3, Santa Rita # 5 lode, identical with cor. No. 3, Santa Rita # 6 lode, all of M.S. No. 4718, bears N. 58°49' W., 9.09 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 16 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. SR 5 3 SR 6 3, SR 10 1 SR 9 1 U.S.M.S. 4718.
	Cor. is located within an active core drilling site, not monumented.
	N. 27°13' E., on line 2-1, Santa Rita # 6 lode.
20.95	Cor. No. 1, Santa Rita # 6 lode, identical with cor. No. 1, Santa Rita # 7, M.S. No. 4820 (unpatented), monumented with an iron pipe, 1 in. diam., firmly set, projecting 12 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. SR 6 1 U.S.M.S. 4718 SR 7 1 U.S.M.S. 4820.
	N. 58°50' W., on line 1-4, Santa Rita # 6 lode.
9.11	Cor. No. 4, Santa Rita # 6 lode, identical with cor No. 2, Santa Rita # 5 lode, M.S. No. 4718, identical with cor. No. 4, Santa Rita # 2 lode and cor. No. 4, Santa Rita # 3 lode, both of M.S. No. 4820 (unpatented), monumented with an iron pipe, 1 in. diam., firmly set, projecting 12 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. U.S.M.S. 4820 SR 2 4 SR 3 4 SR 5 2 SR 6 4 U.S.M.S. 4718.
	N. 58°44' W., on line 2-1, Santa Rita # 5 lode.
9.08	Cor. No. 1, Santa Rita # 5 lode, identical with cor. No. 1, Santa Rita # 4 lode, M.S. No. 4718, identical with cor. No. 1, Santa Rita # 1 lode and cor. No. 1, Santa Rita # 2 lode, both of M.S. No. 4820 (unpatented), monumented with an iron pipe, 1 in. diam., firmly set, projecting 12 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. SR 1 1 SR 2 1 SR 4 1 SR 5 1 U.S.M.S. 4718 U.S.M.S. 4820.
	N. 58°46' W., on line 1-4, Santa Rita # 4 lode.

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
9.10	Cor. No. 4, Santa Rita # 4 lode, identical with cor. No. 2, Santa Rita # 1, M.S. No. 4820 (unpatented), identical with cor. No. 1, Patrick Henry lode and cor. No. 3 Dan Webster lode, both of M.S. No. 1297 A, monumented with an iron pipe, 1 in. diam., firmly set, projecting 12 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. M.S. 1297A PH 1 SR 1 2 4890 4 SR4 U.S.M.S. 4718 3.
	Restoring a portion of M.S. No. 1297 A, executed by George J. Roskruge in 1898
	N. 43°55' E., on a portion of line 1-4, Patrick Henry lode, M.S. No. 1297 A.
19.07	Intersect line 1-2, La Fayette lode, M.S. No. 1297 A.
	From this point, the true point for cor. No. 2, La Fayette lode, identical with cor. No. 1, R.G. Ingersoll lode, M.S. No. 1297 A, bears N. 12°00' W., 5.36 chs. dist., hereinbefore described.
	From this same point, the point for cor. No. 4, Patrick Henry lode, bears N. 43°55' E., 3.65 chs. dist., hereinbefore described.
	S. 12°00' E., on a portion of line 2-1, La Fayette lode.
17.33	Point for cor. No. 1, La Fayette lode, reestablished at record dist. (300 ft.), from the South Center Monument, La Fayette lode, on the projection of the bearing from cor. No. 4, La Fayette lode through the South Center Monument, La Fayette lode. The orig. redwood post, 48 x 4 x 4 ins. (mkd. 1297A on a face), was found lying loose nearby.
	Reset the redwood post, 14 ins. in the ground, in a mound of stone, 2 1/2 ft. base, 1 ft. high, with the marks facing N.
	Cor. is located on the westerly edge of a graded road, 8 ft. wide, bears N. 20° E. and S. 20° W.
	S. 87°03' E., on line 1-4, La Fayette lode.
4.55	The South Center Monument, La Fayette lode, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 32 ins. above ground, in a mound of stone, 4 ft. base, 1 ft. high, mkd. SEC on the N. face.
	S. 87°03' E., beginning new measurement.

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
4.53	Cor. No. 4, La Fayette lode, monumented with a mound of stone, 3 1/2 ft. base, 1 ft. high.
	N. 11°55' W., on line 4-3, La Fayette lode.
22.70	Cor. No. 3, La Fayette lode, identical with cor. No. 4, R.G. Ingersoll lode, M.S. No. 1297 A, monumented with a redwood post, 4 x 4 ins., firmly set, projecting 30 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, mkd. 3-4 1297A on the S. face.
	from which the remaining orig. bearing tree
	A forked oak, 24 ins. diam., bears S. 26 1/4° E., 1.29 chs. dist., with a rotted blaze.
	N. 2°56' E., on a portion of line 4-3, R.G. Ingersoll lode.
20.68	Intersect the line bet. secs. 19 and 30, hereinbefore described.
	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona  Preliminary Statement: The following, is the dependent resurvey in section 31, resurveying a portion of M.S. No. 4718, identical with the Coronado National Forest boundary.
	Restoring a portion of M.S. No. 4718, executed by Harvey W. Smith in 1972-78.
	From the intersection of line 1-2, Santa Rita # 11, lode, M.S. No. 4718, with the line bet. secs. 30 and 31, hereinbefore described.
	S. 35°46' W., on a portion of line 1-2, Santa Rita # 11 lode.
18.82	Cor. No. 2, Santa Rita # 11 lode, identical with cor. No. 2, Santa Rita # 17 lode and cor. No. 4 of Santa Rita Wedge lode, both of M.S. No. 4820 (unpatented), monumented with an iron pipe, 1 in. diam., firmly set, projecting 12 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. SR 11 2 SRW 4 SR 17 2 U.S.M.S. 4718 U.S.M.S. 4820.
	N. 58°50' W., on line 2-3, Santa Rita # 11 lode.

## Dependent Resurvey of a Portion of Mineral Survey No. 4718 in Section 31, R. 16 E., Gila and Salt River Meridian, Arizona

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
9.09	Cor. No. 3, Santa Rita # 11 lode, identical with cor. No. 3, Santa Rita # 10 lode, identical with cor. No. 1, Santa Rita # 16 lode, all of M.S. No. 4718 and identical with cor. No. 1, Santa Rita # 17 lode, M.S. No. 4820 (unpatented), monumented with the rusted fragments of an iron pipe, within the center of crumbling concrete.
	Cor. is located within the proposed open pit of Rosemont Copper Company.
	S. 9°02' W., on a portion of line 1-2, Santa Rita # 16 lode.
16.92	Intersect line 1-2, cancelled mineral survey, Gunsight No. 34 lode, M.S. No. 4718.
	From this point, cor. No. 2, Gunsight No. 34 lode, bears S. 87°05' E., 7.83 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 14 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. 2 G. 34 U.S.M.S. 4718.
	From this same point cor. No. 2, Santa Rita # 16 lode, identical with cor. No. 4, Santa Rita # 17 lode, M.S. No. 4820 (unpatented), bears S. 9°02' W., 5.19 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 9 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. SR 16 2 SR 17 4 U.S.M.S. 4718 U.S.M.S. 4820.
	N. 87°05' W., on a portion of line 2-1, Gunsight No. 34 lode, within Santa Rita # 16 lode.
	Note: Gunsight No. 34 lode, was excluded from lode claims patented under M.S. No. 4718.
1.26	Cor. No. 1, Gunsight No. 34 lode, identical with cor. No. 1, Gunsight No. 33 lode, M.S. 4816 (unpatented), monumented with an iron pipe, 1 in. diam., firmly set, projecting 11 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. 1 G.33 1 G.34 U.S.M.S. 4718.
	S. 2°52' W., on a portion of line 1-4, Gunsight No. 34 lode.
4.78	Intersect line 2-3, Santa Rita # 16 lode.
	From this point, cor. No. 2, Santa Rita # 16 lode, identical with cor. No. 4, Santa Rita # 17, M.S. No. 4820 (unpatented), bears S. 58°48' E., 0.80 chs. dist., hereinbefore described.
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# Dependent Resurvey of a Portion of Mineral Survey No. 4718 in Section 31,

T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

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From this same point cor. No. 4, Gunsight No. 34 lode, identical with cor. No. 2, Gunsight No. 33 lode, M.S. 4816 (unpatented), bears S. 2°52' W., 17.94 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 6 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. G33 2 G34 4 U.S.M.S. 4816 U.S.M.S. 4718.

N. 58°48' W., on a portion of line 2-3, Santa Rita # 16 lode.

8.33 | Intersect line 2-3, Santa Rita # 15 lode, M.S. No. 4718.

From this point, cor. No. 2, Santa Rita # 15 lode, identical with cor. No. 2, Santa Rita # 9 lode, identical with cor. No. 4, Santa Rita # 10 lode, all of M.S. No. 4718, bears N. 9°08' E., 22.09 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 14 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. SR9 2 SR10 4 SR15 2 U.S.M.S. 4718.

From this same point, cor. No. 3, Santa Rita # 16, bears N. 58°48' W., 0.12 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 13 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. SR 16 3 U.S.M.S. 4718.

- S. 9°08' W., on a portion of line 2-3, Santa Rita # 15 lode.
- O.63 Cor. No. 3, Santa Rita # 15 lode, identical with cor. No. 2, Santa Rita # 28 lode, M.S. No. 4718, monumented with an iron pipe, 1 in. diam., firmly set, projecting 14 ins. above ground, set in concrete, with affixed 2 ins. diam. brass cap mkd. SR 15 3 2 SR 28 U.S.M.S. 4718.
  - S. 2°51' W., on a portion of line 2-3, Santa Rita # 28 lode.
- 17.44 Intersect the line bet. secs. 31 and 36, on the E. bdy. of the Tp.

From this point, 1/4 sec. cor. of secs. 31 and 36, bears N. 0°07' W., 5.865 chs. dist., monumented with a sandstone, 7 x 3 ins., firmly set, projecting 8 ins. above ground, mkd. 1/4 on the W. face, and as described in the official record of the 2011-12 dependent resurvey of the E. bdy., T. 18 S., R. 15 E., executed concurrently under this same group.

## Dependent Resurvey of a Portion of Mineral Survey No. 4718 in Section 31,

### T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

From this same point, cor. No. 3, Santa Rita # 28 lode, bears S. 2°51' W., 5.28 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, in concrete, projecting 8 ins. above ground, with affixed 2 ins. diam. brass cap mkd. S.R. 28 3 U.S.M.S. 4718, and as described in the official record of the 2011-12 dependent resurvey in sec. 36, T. 18 S., R. 15 E., executed concurrently under this same group.

## Subdivision of Section 21, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

From the true point for the 1/4 sec. cor. of secs. 21 and 28, hereinbefore described.

N. 0°13' E., on the N. and S. center line of sec. 21.

39.95

The center 1/4 sec. cor. of sec. 21, at intersection with the E. and W. center line of sec. 21, established by James L. Dean, Arizona R.L.S. No. 14145, as recorded with the Pima County Recorder, in book of surveys No. 5, page 31, monumented with an aluminum pipe, 2 1/2 ins. diam., firmly set, projecting 15 ins. above ground, in a mound of stone, 3 ft. base, 8 ins. high, with aluminum cap mkd. LS14145 C1/4 S21 1987, with a steel sign post alongside. This is accepted as a careful and faithful establishment of the cor. position.

from which accessories mkd. by Dean in 1987

- A dead standing mesquite, 10 ins. diam., bears S. 30° W., 98 lks. dist., mkd. BT on a partially healed blaze, with an affixed bearing tree tag.
- A rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground, in a mound of stone, 1 1/2 ft. base, to top, with affixed brass tag, mkd. 14145, bears N. 85 1/2° W., 60.5 lks. dist. (Record: N. 80° W.)

Cor. is located on a gentle N. facing slope, in mesquite, prickly pear and scattering juniper.

N. 0°13' E., beginning new measurement.

40.05

The 1/4 sec. cor. of secs. 16 and 21, hereinbefore described.

From the 1/4 sec. cor. of secs. 21 and 22, hereinbefore described.

N. 89°59' W., on the E. and W. center line of sec. 21.

Subdivision of Section 21, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
40.10	The center 1/4 sec. cor. of sec. 21.
	West, beginning new measurement.
39.96	The 1/4 sec. cor. of secs. 20 and 21, hereinbefore described.
	Subdivision of Section 27, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 27 and 34, hereinbefore described.
	N. 0°08' E., on the N. and S. center line of sec. 27.
19.985	Point for the center S. 1/16 sec. cor. of sec. 27, not monumented.
39.97	Point for the center 1/4 sec. cor. of sec. 27, at intersection with the E. and W. center line of sec. 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in ground to bedrock, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.
	T 18 S R 16 E C 1/4 S 27
	2012
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
40.70	Wash, 5 ft. wide, drains S. 25° E.
79.89	The 1/4 sec. cor. of secs. 22 and 27, hereinbefore described.
	From the 1/4 sec. cor. of secs. 26 and 27, hereinbefore described.
	N. 89°57' W., on the E. and W. center line of sec. 27.
20.04	Point for the center E. 1/16 sec. cor. of sec. 27, not monumented.
40.08	The center 1/4 sec. cor. of sec. 27.
80.17	The 1/4 sec. cor. of secs. 27 and 28, hereinbefore described.

### Subdivision of Section 27, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

	1. 10 S., R. 10 E., Gila and Salt River Meridian, Alizona
CHAINS	
	SE 1/4 Section 27
	From the E. 1/16 sec. cor. of secs. 27 and 34, hereinbefore described.
	N. 0°05' E., on the N. and S. center line of the SE $1/4$ of sec. 27.
19.97	Point for the SE 1/16 sec. cor. of sec. 27, at intersection with the E. and W. center line of the SE 1/4 of sec. 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in ground, with brass cap mkd.
	SE 1/16 S 27
	2012
·	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Cor. is located on left bank of a wash, 10 ft. wide, drains N. 15° W.
39.94	Point for the center E. 1/6 sec. cor. of sec. 27.
	From the S. 1/16 sec. cor. of secs. 26 and 27.
	N. 89°59' W., on the E. and W. center line of the SE 1/4 of sec. 27.
20.055	The SE 1/16 sec. cor. of sec. 27.
40.11	Point for the center S. 1/16 sec. of sec. 27.
	Subdivision of Section 32, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of sec. 32 only, T. 18 S., R. 16 E., hereinbefore described.
	N. 0°08' E., on the N. and S. center line of sec. 32.
18.20	Ridge, bears E. and W.
	Descend N. facing slope.
19.28	Point for the center S. 1/16 sec. cor. of sec. 32, not monumented.

Subdivision of Section 32, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona	
CHAINS		
,	From this cor. point, a steel U-post, in a mound of stone, 1 1/2 ft. base, 8 ins. high, with an open-ended iron pipe, 30 ins. long, 1 1/4 ins. diam., laying loose alongside, bears S. 5°19' W., 7 lks. dist.	
39.31	Point for the center 1/4 sec. cor. of sec. 32, at intersection with the E. and W. center line of sec. 32, not monumented.	
59.24	Point for the center N. 1/16 sec. cor. of sec. 32, not monumented.	
79.17	The 1/4 sec. cor. of secs. 29 and 32.	
	From the 1/4 sec. cor. of secs. 32 and 33.	
·	N. 89°46' W., on the E. and W. center line of sec. 32.	
40.04	Point for the center 1/4 sec. cor. of sec. 32.	
60.075	Point for the center W. 1/16 sec. cor. of sec. 32, not monumented.	
80.11	The 1/4 sec. cor. of secs. 31 and 32.	
	SW 1/4 Section 32	
	From the point for the center S. 1/16 sec. cor. of sec. 32.	
	N. 89°41' W., on the E. and W. center line of the SW 1/4 of sec. 32.	
40.14	The S. 1/16 sec. cor. of secs. 31 and 32.	
	NW 1/4 Section 32	
	From the point for the center W. 1/16 sec. cor. of sec. 32.	
	N. 0°10' E., on the N. and S. center line of the NW $1/4$ of sec. 32.	
19.96	The NW 1/16 sec. cor. of sec. 32, established by person(s) unknown, monumented with a rebar, 1/2 in. diam., firmly set, projecting 6 ins. above ground, with an iron pipe, 30 ins. long, 1 1/4 ins. diam., set over top of rebar. A steel U-post is set alongside the cor. This is accepted as a careful and faithful establishment of the cor. position.	

# Subdivision of Section 32, T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona

	T. 18 S., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
	N. 0°15' E., beginning new measurement.
19.95	The W. 1/16 sec. cor. of secs. 29 and 32, hereinbefore described.
	From the point for the center N. 1/16 sec. cor. of sec. 32.
	N. 89°40' W., on the E. and W. center line of the NW 1/4 of sec. 32.
20.02	The NW 1/16 sec. cor. of sec. 32.
	N. 89°41' W., beginning new measurement.
19.99	The N. 1/16 sec. cor. of secs. 31 and 32, hereinbefore described.
	GENERAL DESCRIPTION
	The area encompassed by this survey lies on the easterly foothills of the northerly end of the Santa Rita Mountains. North facing slopes are dense with oak, juniper and brush, south facing slopes are dominated by yucca and grasses.
	The survey is accessible by way of State Highway number 83 and U.S. Forest Service roads numbers 231 and 505.
	The numerous patented and unpatented mineral surveys and mining claims throughout the surveyed area attest to the highly mineralized nature of the soils.
	The mean magnetic declination of 10 1/4° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2010-2015 for the dates of survey.
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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## FIELD ASSISTANTS

NAMES	CAPACITY
Mark R. Searles	Surveying Technician
Jeffrey O. Covington	Land Surveyor (student)
Carlos A. Payan	Survey Aid
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### CERTIFICATE OF SURVEY

We, Gordon R. Bubel and Wayne S. Hancock, Cadastral Surveyors, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 18th day of November, 2011, We have dependently resurveyed a portion of the subdivisional lines and portions of certain mineral surveys, and subdivided sections 21, 27 and 32, T. 18 S., R. 16 E., of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by us and under our direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

1/27/2013
(Date)

1/16/2013

Wayne S. Han

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and portions of certain mineral surveys, and the subdivision of sections 21, 27 and 32, T. 18 S., R. 16 E., Gila and Salt River Meridian, in the State of Arizona, executed by Gordon R. Bubel and Wayne S. Hancock, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

(Chief Cadastral Surveyor of Arizona)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 18 S., R 16 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Date) (Chief Cadastral Surveyor of Arizona)