

Form 4-683
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey number	4698
State	Arizona
Land District	Arizona

FIELD NOTES

Of the Survey of the Mining Claim of (*name and address of Claimant*)

Inspiration Consolidated Copper Co. / Wayne O. & Geraldine Trethewey
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Known as the (*name of group, if any*)

Phoenix, Arizona 85003

Schulze Group

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
NEEDLE	1/1/1897	7/2/57
BILL SHAFT No. 1	7/1/23	7/2/57
BILL SHAFT No. 2	7/1/23	7/2/57
Bill Shaft No. 3	7/1/23	7/2/57
Bill Shaft No. 4	7/1/23	7/2/57
Bill Shat No. 5	7/1/23	7/2/57
Bill Shaft No. 6	7/1/23	7/2/57
Bill Shaft no. 7	7/1/23	7/2/57
Bill Shaft No. 8	7/1/23	7/2/57
SCHULZA'S	11/18/1899	7/2/57
East Extension of the August Mine	11/1/1894	7/2/57
Blue Bird	1/4/1906	7/2/57
CROW No. 1	10/9/42	7/2/57
Crow No. 2	10/9/42	7/2/57

Mining district			County	
Globe			Gila	
Section 34 2 and 3	Township 1 N. and 1 S.	Range 14 East	Meridian Gila and Salt River	Survey under order dated Sept. 15, 1971
Survey commenced Nov. 5, 1971		Survey completed Jan. 17, 1972	Name of Mineral Surveyor Travis L. Gant	

F E E T

This survey was made with a W. & L. E. Gurley transit, No. 57289, equipped with horizontal limb $6\frac{1}{2}$ ins. diam., having two double opposite verniers, and a full vertical circle 5 ins. diam., having one double vernier; the horizontal verniers read to 30 secs. of arc; the vertical vernier reads to one minute of arc. This instrument was used in all-purpose taping and alignment procedures where great distances were not involved. Distances greater than 500 feet were measured in many cases using electronic distance measuring equipment, i.e., the Hewlett-Packard Model 3800 Distance Meter, Ser. No. 0987 A 00472, having a range of 10,000 feet and an absolute accuracy in the normal operating temperature range of 0.01 feet + the distance measured divided by 100,000. In all instances wherein the distance meter was used, vertical angles were measured with a Kern theodolite, Model DKM 2 AE, Serial No. 145997, with microscopic angle-reading capabilities enabling the instrument man to read angles, either horizontal or vertical, to 1 sec. of arc. All three of these instruments were in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation:

November 23, 1971, at Cor. No. 2 of the Bill Shaft No. 4 lode, in latitude $33^{\circ} 22' 54.6''$ N., and longitude $110^{\circ} 54' 53''$ W., I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the theodolite telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from a reference point approximately 1500 feet southwesterly clockwise to the sun.

Mean time of observation,
105th meridian, standard time = 10:29 a.m.

Declination of sun at mean
time of observation = $20^{\circ} 18' 48''$ S.

Mean observed vertical angle
to sun's center, corrected for
refraction and parallax = $31^{\circ} 11' 18''$

Mean horizontal angle from
reference point to sun's
center, turned clockwise
and to the right to sun's
center = $301^{\circ} 44' 11''$

True bearing to reference point =
S. $30^{\circ} 29' 50''$ W.

FEET

The lines were measured with either a Lufkin steel tape or with the aforementioned electronic distance meter. The tape was 500 feet in length, graduated every foot for 500 ft., with an added foot on the zero end graduated in tenths and hundredths; the tape was compared with a standard 100.00 foot tape at the time of the beginning of the survey and found to be correct. The distance meter was compared with a taped course, 1200 feet in length, measured as a base-line with a standard 100 ft. tape, and found to be precise and accurate.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 13° 30' E.

Note concerning monumentation: With the exception of those corners which were not monumented for reasons given in each case, or which were monumented as otherwise described herein, I have set iron posts at each corner of each lode claim comprising this survey. Each iron post consists of a 3/4-inch nominal inside diam. galvanized water pipe having a 1 ins. exterior diam.; each pipe has been placed in the ground in a foundation consisting of not less than ½ cu. ft. of high early strength portland cement concrete mixed at the site. Brass caps have been securely attached and marked as described, using 1/8-in. steel dies for stamping. Alongside every corner monument I have erected a rock monument having a base two feet minimum diam., and a height of not less than two feet.

SURVEY NO. 4698

NEEDLE Lode

At Cor. No. 1 of the NEEDLE lode, identical with Cor. No. 1 of the Bill Shaft no. 7 lode of this survey, on line 3-4 of the CLAY No. 3 lode, uns.

Set an iron post, 2 ft. long, 1 ins., diam., 15 ins. in the ground, with brass cap mkd. NEEDLE-1, BS 7-1-4698; from which

The ¼ sec. cor. of secs. 33 and 34, T. 1 N., R. 14 E., G.&S.R.M., bears S. 76° 47' 33" W., 512.57 ft. dist.; an iron post 1 ins. diam., 13 ins. above ground, firmly set, with U.S.G.L.O. brass cap marked as described in the official record.

FEET		
	<p>Cor. No. 4 Sur. No. 3950 Standard No. 3 lode bears N. 44° 03' 05" E., 474.57 ft. dist.</p> <p>Thence S. 74° 48' 22" E.</p>	
88	Enter open pit of Ox Hide Mine at top of cut-slope; pit perimeter is irregular and curves northeasterly and southwesterly.	
152	Centerline of major haul road, 30 ft. wide; bears N. 45° E. and S. 50° W.	
1,453.25	<p>The true point for Cor. No. 2, identical with Cors. Nos. 1 of the Bill Shat No. 5 and Bill Shaft No. 6 lodes, and Cor. No. 4 of the Bill Shaft no. 7 lode of this survey.</p> <p>This corner falls in the open pit of the Ox Hide mine where a permanent monument cannot be established; not monumented.</p> <p>Thence N. 14° 48' 15" E.</p>	
299.18	Lode line; discovery point bears N. 74° 47' 46" W., 130.00 ft. dist.	
472	Leave Mining area at top of cut-slope of open pit; perimeter of open pit bears N. 75° W. and S. 75° E.	
530	Road; bears N. 75° W. and S. 75° E.	
593.71	Intersect line 1-2 Sur. No. 3950 Picnic No. 2 lode at a point from which Cor. No. 2 bears N. 75° 04' 39" W., 1452.18 ft. dist.	
598.38	<p>Cor. No. 3, identical with Cor. No. 4 of the Bill Shaft No. 6 lode of this survey.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 15 ins. in the ground, with brass cap mkd. NEEDLE-3, and BS 6-4-4698; from which</p> <p>Cor. No. 1 Sur. No. 3950 Picnic No. 2 lode, identical with Cor. No. 2 Sur. No. 3950 Hill Top lode, bears S. 69° 24' 25" E., 47.28 ft. dist.</p> <p>Thence N. 74° 46' 49" W.</p>	
323	Enter mine waste dump area; contact line between waste material and natural ground bears NE. and SW.	
826	Leave Mine waste dump area; contact line between waste material and natural ground bears ENE and WSW.	

FEET	
1,437.62	Intersect line 4-1 Sur. No. 3950 Picnic lode at a point from which Cor. No. 1 bears S. 77° 50' W., 16.92 ft. dist.
1,453.25	<p>Cor. No. 4, identical with Cor. No. 3 of the CLAY No. 3 lode, uns.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 15 ins. in the ground, with brass cap mkd. NEEDLE-4-4698; from which</p> <p>Cor. No. 1 Sur. No. 3950 Picnic lode bears S. 10° 47' W., 7.81 ft. dist.</p> <p>Cor. No. 2 Sur. No. 3950 Picnic No. 2 lode bears S. 9° 58' W., 12.25 ft. dist.</p> <p>Thence S. 14° 48' 15" W.</p>
2.80	Intersect line 2-3 Sur. No. 3950 Picnic No. 2 lode at a point from which Cor. No. 2 bears S. 8° 32' W., 9.47 ft. dist.
7.37	Intersect line 1-2 Sur. No. 3950 Picnic lode, and line 3-4 Sur. No. 3950 Standard No. 3 lode at a point from which Cor. No. 1 and Cor. No. 4 bear S. 37° 44' 49" E., 0.69 ft. dist., and 292.06 ft. dist., respectively.
295.50	Intersect line 4-1 Sur. No. 3950 Standard No. 3 lode at a point from which Cor. No. 4 bears N. 79° 18' 55" E., 256.87 ft. dist.
299.60	Lode line; discovery point bears S. 74° 47' 46" E., 1323.25 ft. dist.
599.03	Cor. No. 1, and place of beginning.
BILL SHAFT No. 1 Lode	
<p>At the true point for Cor. No. 1 of the BILL SHAFT No. 1 lode, identical with Cors. Nos. 1 of the CROW No. 1, Crow No. 2, and SCHULZA'S lodes of this survey.</p>	
<p>This corner falls on the shoulder of the entrance road to the Ox Hide Mine where a permanent monument cannot be established; witnessed N. 30° 29' 50" E., 182.74 ft. dist., hereinafter described.</p>	
<p>Set a temporary point for Cor. No. 1; from which</p>	
<p>The standard $\frac{1}{4}$ sec. cor. of sec. 34, T. 1 N., R. 14 E., G. & S. R. M., bears N. 40° 09' W., 626.34 ft. dist.; an iron post, 2 ins. diam., surrounded by a mound of stone raised to base of U.S.B.L.M. brass cap, marked as described in the official record.</p>	

FEET		
	Thence S. 59° 09' 21" E.	
190	Center of Needle Creek, 15 ft. wide, course SOUTH.	
1,495.72	The true point for Cor. No. 2, identical with Cors. Nos. 2 of the SCHULZA'S and East Extension of the August Mine lodes of this survey. This corner falls in the paved surface of U.S. Highway Route No. 60 where a permanent monument cannot be established; witnessed S. 30° 29' 50" W., 109.01 ft. dist., hereinafter described. Thence N. 30° 29' 50" E.	
299.92	Lode line; discovery point bears N. 59° 11' 23" W., 305 ft. dist.	
599.92	Cor. No. 3, identical with Cor. No. 2 of the BILL SHAFT No. 2 lode, Cor. No. 4 of the Blue Bird lode, and Cor. No. 1 of the East Extension of the August Mine lode of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. in the ground, with brass cap mkd. BS 1-3, BS 2-2, BB 4, and EEAM 1-4698. Thence N. 59° 11' 23" W.	
1,423.36	Intersect the Gila and Salt River Base Line, being also the line between secs. 3 and 34, at a point from which the closing cor. of secs. 2 and 3 bears N. 89° 58' 25" E., 289.91 ft. dist., and the standard ¼ sec. cor. of sec. 34 bears S. 89° 58' 25" W., 770.01 ft. dist.	
1,495.71	Cor. No. 4, identical with Cor. No. 1 of the Bill Shaft No. 8 lode, Cor. No. 3 of the BILL SHAFT No. 2 lode, and Cor. No. 4 of the Crow No. 2 lode of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BS 1-4, BS 2-3, BS 8-1, and CROW 2-4-4698; from which The true point for the closing corner of secs. 2 and 3, T. 1 S., R. 14 E., G. & S. R. M., bears S. 84° 00' 45" E., 353.98 ft. dist.; witnessed N. 0° 37' 38" W., 1.40 ft. dist., by an iron post, 2 ins. diam., surrounded by a mound of stone raised to base of U.S.B.L.M. brass cap, marked as described in the official record, 1967 Resurvey. Thence S. 30° 29' 50" W.	

FEET	
43.05	Intersect the G. & S. R. Base Line, being also the line between secs. 34 and 3, at a point from which the standard $\frac{1}{4}$ cor. of sec. 34 bears S. $89^{\circ} 58' 25''$ W., 686.02 ft. dist., and the closing cor. of secs. 2 and 3 bears N. $89^{\circ} 58' 25''$ E., 373.90 ft. dist.
300	Lode line; discovery point bears S. $59^{\circ} 11' 23''$ E., 1190.71 ft. dist.
416.29	A point selected for witness Cor. No. 1, identical with Cors. Nos. 1 of the CROW No. 1, Crow No. 2, and SCHULZA'S lodes of this survey. Set an iron post, 2 ft. long, 1 in. diam., 17 ins. in the ground, with brass cap mkd. WC - BS 1-1, SCH-1, CROW 1-1, and CROW 2-1-4698.
538	Center of Needle Creek, 15 ft. wide, course S. 40° E.
599.03	Cor. No. 1, and place of beginning.
<p>BILL SHAFT No. 2 Lode</p> <p>At the true point for Cor. No. 1 of the BILL SHAFT No. 2 lode, identical with Cor. No. 2 of the Bill Shaft No. 3 lode and Cor. No. 1 of the Blue Bird lode of this survey.</p> <p>This corner falls in an access road where a permanent monument cannot be established. Road bears N. and S.</p> <p>Set a spike at the true point for Cor. No. 1 as a temporary monument; from which</p> <p>The standard cor. of secs. 34 and 35, T. 1 N., R. 14 E., G. & S. R. M., bears N. $57^{\circ} 44' 24''$ E., 399.62 ft. dist.; an iron post, 2 ins. diam., surrounded by a mound of stone raised to base of U.S.B.L.M. brass cap, marked as described in the official record.</p> <p>Thence S. $30^{\circ} 29' 50''$ W.</p>	
40.02	A point selected for witness Cor. No. 1, identical with Cor. No. 2 of the Bill Shaft No. 3 lode and Cor. No. 1 of the Blue Bird lode of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. WC - BS 2-1, BS 3-2, and BB-1-4698.

FEET	
300	Lode line; discovery point bears N. 59° 10' 20" W., 1370.72 ft. dist.
370	Center of local drainage, 6 ft. wide, course S. 25° E.
599.55	Cor. No. 2, identical with Cor. No. 3 of the BILL SHAFT No. 1 lode, Cor. No. 1 of the East Extension of the August Mine lode, and Cor. No. 4 of the Blue Bird lode of this survey. Thence N. 59° 11' 23" W.
1,423.36	Intersect the Gila and Salt River Base Line, being also the line between secs. 3 and 34, at a point from which the closing cor. of secs. 2 and 3 bears N. 89° 58' 25" E., 289.91 ft. dist., and the standard ¼ sec. cor. of sec. 34 bears S. 89° 58' 25" W., 770.01 ft. dist.
1,495.71	Cor. No. 3, identical with Cor. No. 1 of the Bill Shaft No. 8 lode, and Cors. Nos. 4 of the BILL SHAFT No. 1 and the Crow No. 2 lodes of this survey. Thence N. 30° 29' 50" E.
300	Lode line; discovery point bears S. 59° 10' 20" E., 125.00 ft. dist.
600.00	Cor. No. 4, identical with Cor. No. 3 of the Bill Shaft No. 3 lode, Cor. No. 1 of the Bill Shaft No. 4 lode, and Cor. No. 2 of the Bill Shaft No. 8 lode of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BS 2-4, BS 3-3, and BS 4-1, and BS 8-2-4698. Thence S. 59° 10' 20" E.
1,080.12	Intersect the Gila and Salt River Base Line, being also the line between secs. 2 and 34, at a point from which the closing cor. of secs. 2 and 3 bears S. 89° 58' 25" W., 879.97 ft. dist., and the standard cor. of secs. 34 and 35 bears N. 89° 58' 25" E., 694.81 ft. dist.
1,495.72	Cor. No. 1, and place of beginning.
Bill Shaft No. 3 Lode	
At Cor. No. 1 of the Bill Shaft No. 3 lode of this survey.	
Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. BS 3-1-4698; from which	

FEET	
	<p>The standard cor. of secs. 34 and 35, T. 1 N., R. 14 E., G. & S. R. M., bears S. 6° 29' 18" E., 304.07 ft. dist., previously described.</p> <p>Thence S. 30° 29' 50" W.</p>
300	<p>Lode line; discovery point bears N. 59° 06' 09" W., 1395.72 ft. dist.</p>
350.74	<p>Intersect the Gila and Salt River Base Line, being also the line between secs. 2 and 34, at a point from which the closing cor. of secs. 2 and 3 bears S. 89° 58' 25" W., 1362.42 ft. dist., and the standard cor. of secs. 34 and 35 bears N. 89° 58' 25" E., 212.36 ft. dist.</p>
566	<p>Center of local drainage, 6 ft. wide, course South.</p>
598.17	<p>The true point for Cor. No. 2, identical with Cors. Nos. 1 of the BILL SHAFT No. 2 and the Blue Bird lodes of this survey.</p> <p>This corner falls in an access road, bearing N. and S., where a permanent monument cannot be established; witnessed S. 30° 29' 50" W., 40.02 ft. dist., previously described.</p> <p>Thence N. 59° 10' 20" W.</p>
415.60	<p>Intersect the Gila and Salt River Base Line, being also the line between secs. 2 and 34, at a point from which the closing cor. of secs. 2 and 3 bears S. 89° 58' 25" W., 879.97 ft. dist., and the standard cor. of secs. 34 and 35 bears N. 89° 58' 25" E., 694.81 ft. dist.</p>
1,495.72	<p>Cor. No. 3, identical with Cor. No. 4 of the BILL SHAFT No. 2 lode, Cor. No. 1 of the Bill Shaft No. 4 lode, and Cor. No. 2 of the Bill Shaft No. 8 lode of this survey.</p> <p>Thence N. 30° 29' 50" E.</p>
248	<p>Road, bears N. 70° E. and S. 70° W.</p>
300	<p>Lode line; discovery point bears S. 59° 06' 09" E., 100.00 ft. dist.</p>
600.00	<p>Cor. No. 4, identical with Cor. No. 2 of the Bill Shaft No. 4 lode of this survey.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BS 3-4, and BS 4-2-4698.</p>

FEET	
	Thence S. 59° 06' 09" E.
297	Road, bears N. 70° E. and S. 70° W.
952	Road, bears N. and S.
1,495.72	Cor. No. 1, and place of beginning.
Bill Shaft No. 4 Lode	
Beginning at Cor. No. 1 of the Bill Shaft No. 4 lode, identical with Cor. No. 4 of the BILL SHAFT No. 2 lode, Cor. No. 3 of the Bill Shaft No. 3 lode, and Cor. No. 2 of the Bill Shaft No. 8 lode of this survey; from which	
The standard $\frac{1}{4}$ sec. cor. of sec. 34, T. 1 N. R. 14 E., G. & S. R. M., bears S. 61° 17' 37" W., 1154.23 ft. dist., previously described.	
	Thence N. 30° 29' 50" E.
248	Road, bears N. 70° E. and S. 70° W.
300	Lode line; discovery point bears N. 57° 38' 50" W., 60.00 ft. dist.
600.00	Cor. No. 2, identical with Cor. No. 4 of the Bill Shaft No. 3 lode of this survey.
	Thence N. 57° 39' 19" W.
857.53	Intersect line 2-3 of the Bill Shat No. 5 lode of this survey.
1,486.06	Cor. No. 3. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BS 4-3-4698.
	Thence S. 30° 29' 50" W.
299.79	Lode line; discovery point bears S. 57° 38' 50" E., 1426.06 ft. dist.
321.75	Intersect Cor. No. 4 of the BUSY BEE lode, uns.
331.87	Intersect line 3-4 of the Bill Shat No. 5 lode of this survey.
599.79	Cor. No. 4, identical with Cor. No. 3 of the Bill Shaft No. 8 lode of this survey, on line 4-1 of the BUSY BEE lode, uns. Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. BS 4-4, and BS 8-3-4698.

FEET	
	Thence S. 57° 38' 50" E.
66.06	Road, bears N. 82° E. and S. 82° W.
238.06	Road, bears N. 60° E. and S. 60° W.
482.06	Road, bears N. 85° E. and S. 85° W.
710.06	Road, bears N. 10° E. and S. 15° W.
1,486.06	Cor. No. 1, and place of beginning.
	Bill Shat No. 5 Lode
	At the true point for Cor. No. 1 of the Bill Shat No. 5 lode, identical with Cor. No. 2 of the NEEDLE lode, Cor. No. 1 of the Bill Shaft No. 6 lode, and Cor. No. 4 of the Bill Shaft no. 7 lode of this survey.
	This corner falls in the open pit of the Ox Hide Mine where a permanent monument cannot be established; from the true point for Cor. No. 1
	The $\frac{1}{4}$ sec. cor. of secs. 33 and 34, T. 1 N., R. 14 E., G. & S. R. M., bears N. 82° 06' 08" W., 1919.67 ft. dist., previously described.
	Thence S. 75° 04' 50" E.
56	Leave mining area at top of cut-slope for open pit; pit perimeter bears irregularly NE. and SW.
1,496.19	Cor. No. 2, identical with Cor. No. 2 of the Bill Shaft No. 6 lode of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. BS 5-2, and BS 6-2-4698; from which
	Cor. No. 1, Sur. No. 3953 Copper Fortune lode bears N. 39° 23' 30" W., 158.61 ft. dist.
	Thence S. 14° 48' 15" W.
300	Lode line; discovery point bears N. 75° 04' 50" W., 1246.19 ft. dist.
468.01	Intersect line 2-3 of the Bill Shaft No. 4 lode of this survey.
599.01	Cor. No. 3.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BS 5-3-4698.

FEET	
	Thence N. 75° 07' 05" W.
258	Road; bears N. 55° W. and S. 55° E.
350	Road; bears N. 20° E. and S. 20° W.
448	Road; bears N. and S.
689.07	Intersect line 3-4 of the Bill Shaft No. 4 lode of this survey, and line 4-1 of the BUSY BEE lode, uns., at a point from which Cor. No. 4 of the BUSY BEE lode, uns., bears N. 30° 29' 50" E., 10.12 ft. dist.
942	Road; bears N. and S.
1,496.19	Cor. No. 4, identical with Cor. No. 3 of the Bill Shaft no. 7 lode of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BS 5-4, and BS 7-3-4698; from which Cor. No. 4 of the BUSY BEE lode, uns., bears S. 75° 48' 28" E., 809.91 ft. dist. Thence N. 14° 48' 15" E.
8.61	Intersect line 3-4 of the BUSY BEE lode, uns., at a point from which Cor. No. 4 bears S. 75° 11' 55" E., 809.86 ft. dist.
242	Road; bears N. 85° E. and S. 85° W.
300	Lode line; discovery point bears S. 75° 04' 50" E., 250.00 ft. dist.
518	Enter mining area at top of cut-slope for open pit; pit perimeter bears irregularly NE. and SW.
600.00	Cor. No. 1, and place of beginning.
	Bill Shaft No. 6 Lode
	Beginning at the true point for Cor. No. 1 of the Bill Shaft No. 6 lode, identical with Cor. No. 2 of the NEEDLE lode, Cor. No. 1 of the Bill Shaft No. 5 lode, and Cor. No. 4 of the Bill Shaft no. 7 lode of this survey. This corner falls in the open pit of the Ox Hide Mine where a permanent monument cannot be established. Thence S. 75° 04' 50" E.
56	Leave Mining area at top of cut-slope for open pit; pit perimeter bears irregularly NE. and SW.

FEET		
1,496.19	Cor. No. 2, identical with Cor. No. 2 of the Bill Shat No. 5 lode of this survey.	
	Thence N. 14° 48' 15" E.	
66	Road; bears N. 44° W. and S. 44° E.	
145.65	Intersect line 4-1 Sur. No. 3953 Copper Fortune lode at a point from which Cor. No. 1 bears S. 82° 27' 53" W., 139.07 ft. dist.	
299.18	Lode line; discovery point bears N. 75° 04' 50" W., 1381.19 ft. dist.	
412	Crest of sharp ridge bears N. 65° W. and S. 65° E.	
599.10	Cor. No. 3.	
	Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. BS 6-3-4698; from which	
	Cor. No. 4 Sur. No. 3953 Ox Bow Copper No. 3 lode, on line 1-2 Sur. No. 3953 Copper Fortune lode, bears N. 75° 44' 40" W., 183.80 ft. dist.	
	Thence N. 75° 06' 29" W.	
184.01	Intersect line 1-2 Sur. No. 3953 Copper Fortune lode, and line 3-4 Sur. No. 3953 Ox Bow Copper No. 3 lode at a point from which Cor. No. 1 and Cor. No. 4 bear S. 8° 34' W., 509.61 ft. dist., and 2.05 ft. dist., respectively.	
564	Road; bears N. 20° E. and S. 20° W.	
604	Road; bears N. 25° E. and S. 25° W.	
765.84	Intersect line 1-2 Sur. No. 3953 Ox Bow Copper No. 3 lode, and line 4-1 Sur. No. 3950 Hill Top lode at a point from which Cors. Nos. 1 bear S. 8° 28' W., 218.99 ft. dist., and 11.99 ft. dist., respectively.	
1,449.67	Intersect line 2-3 Sur. No. 3950 Hill Top lode, and line 4-1 Sur. No. 3950 Picnic No. 2 lode at a point from which Cor. No. 2 and Cor. No. 1 bear S. 8° 31' 43" W., 4.73 ft. dist.	
1,496.19	Cor. No. 4, identical with Cor. No. 3 of the NEEDLE lode of this survey; from which	
	Cor. No. 1 Sur. No. 3950 Hill Top lode, on line 1-2 Sur. No. 3953 Ox Bow Copper No. 3 lode, bears S. 74° 10' 33" E., 731.79 ft. dist.	
	Cor. No. 1 Sur. No. 3953 Ox Bow Copper No. 3 lode bears S. 59° 01' 36" E., 785.60 ft. dist.	

FEET	
	Thence S. 14° 48' 15" W.
4.67	Intersect line 1-2 Sur. No. 3950 Picnic No. 2 lode at a point from which Cor. No. 1, identical with Cor. No. 2 Sur. No. 3950 Hill Top lode, bears S. 75° 04' 39" E., 47.04 ft. dist.
68.38	Road; bears N. 75° W. and S. 75° E.
126.38	Enter mining area at top of cut-slope of open pit; perimeter of open pit bears N. 75° W. and S. 75° E.
299.20	Lode line; discovery point bears S. 75° 04' 50" E., 115.00 ft. dist.
598.38	Cor. No. 1, and place of beginning.
	Bill Shaft no. 7 Lode
	Beginning at Cor. No. 1 of the Bill Shaft no. 7 lode, identical with Cor. No. 1 of the NEEDLE lode of this survey, on line 3-4 of the CLAY No. 3 lode, uns.
	Thence S. 14° 48' 15" W.
50	Enter open pit of Ox Hide Mine at top of cut-slope; pit perimeter is irregular and curves northeasterly and southwesterly.
70	Centerline of major haul road, 30 ft. wide; bears N. 83° E. and S. 83° W.
263	Leave open pit of Ox Hide Mine at top of cut-slope; pit perimeter bears irregularly NW. and SE.
300	Lode line; discovery point bears S. 74° 48' 22" E., 80 ft. dist.
597.97	Cor. No. 2, on line 3-4 of the CLAY No. 3 lode, uns., and on line 1-2 of the IL 310 mill site, uns.
	Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. BS 7-2-4698.
	Thence S. 74° 43' 32" E.
77	Centerline of haul road, 20 ft. wide, bears N. 60° E. and S. 60° W.
150	Enter ore storage area undergoing treatment with sulphuric acid, hereinafter referred to as ore-heap of leach dump; toe of heap bears irregularly ENE. and WSW.

FEET	
650	Road across ore-heap; bears N. 5° E. and S. 5° W.
762.74	Intersect Cor. Nos. 2 of the IL 188 and IL 310 mill sites, uns., on line 2-3 of the BUSY BEE lode, uns., at a point from which Cor. No. 3 bears N. 30° 29' 50" E., 3.03 ft. dist.
1,245	Leave ore-heap area; toe of heap bears irregularly NW. and SE.
1,453.27	Cor. No. 3, identical with Cor. No. 4 of the Bill Shat No. 5 lode of this survey; from which Cor. No. 3 of the BUSY BEE lode, uns., bears N. 74° 29' W., 689.74 ft. dist. Thence N. 14° 48' 15" E.
8.61	Intersect line 3-4 of the BUSY BEE lode, uns., at a point from which Cor. No. 3 bears N. 75° 11' 55" W., 689.68 ft. dist.
242	Road; bears N. 85° E. and S. 85° W.
300	Lode line; discovery point bears N. 74° 48' 22" W., 1373.25 ft. dist.
518	Enter mining area at top of cut-slope for open pit; pit perimeter bears irregularly NE. and SW.
600.00	The true point for Cor. No. 4, identical with Cor. No. 2 of the NEEDLE lode, and Cors. Nos. 1 of the Bill Shaft No. 6 and Bill Shat No. 5 lodes of this survey. This corner falls in the open pit of the Ox Hide Mine where a permanent monument cannot be established; not monumented. Thence N. 74° 48' 22" W.
1,301.25	Centerline of major haul road, 30 ft. wide; bears N. 45° E. and S. 50° W.
1,365.25	Leave open pit of Ox Hide Mine at top of cut-slope; pit perimeter curves irregularly NE. and SW.
1,453.25	Cor. No. 1, and place of beginning.
	Bill Shaft No. 8 Lode Beginning at Cor. No. 1 of the Bill Shaft No. 8 lode, identical with Cor. No. 3 of the BILL SHAFT No. 2 lode, and with Cors. Nos. 4 of the BILL SHAFT No. 1 and Crow No. 2 lodes of this survey; from which

FEET	
	<p>The standard $\frac{1}{4}$ sec. cor. of sec. 34, T. 1 N., R. 14 E., G. & S. R. M., bears S. $86^{\circ} 58' 29''$ W., 708.86 ft. dist., previously described.</p> <p>Thence N. $30^{\circ} 29' 50''$ E.</p>
300	Lode line; discovery point bears N. $57^{\circ} 34' 11''$ W., 1436.14 ft. dist.
600.00	<p>Cor. No. 2, identical with Cor. No. 1 of the Bill Shaft No. 4 lode, Cor. No. 3 of the Bill Shaft No. 3 lode, and Cor. No. 4 of the BILL SHAFT No. 2 lode of this survey.</p> <p>Thence N. $57^{\circ} 38' 50''$ W.</p>
776	Major access road to shop area; bears N. 10° E. and S. 15° W.
1,004	Major access road to shop area; bears S. 85° W. and N. 85° E.
1,248	Road; bears N. 60° E. and S. 60° W.
1,420	Road; bears N. 82° E. and S. 82° W.
1,486.06	<p>Cor. No. 3, identical with Cor. No. 4 of the Bill Shaft No. 4 lode of this survey, on line 4-1 of the BUSY BEE lode, uns.</p> <p>Thence S. $30^{\circ} 29' 50''$ W.</p>
34	Road; bears S. 55° E. and N. 25° W.
242	Road; bears N. 70° W. and S. 70° E.
297.98	Lode line; discovery point bears S. $57^{\circ} 34' 11''$ E., 50 ft. dist.
308.62	Intersect the point selected for witness Cor. No. 1 of the BUSY BEE lode, uns., identical with Cor. No. 4 of the IL 190 mill site, uns.
341.99	Intersect the true point for Cor. No. 1 of the BUSY BEE lode, uns., identical with Cor. No. 4 of the IL 190 mill site, uns.
349	Road; bears N. 60° W. and S. 70° E.
422.55	Intersect Cors. Nos. 1 of the IL 190 and IL 192 mill sites, uns.
570	Center of Needle Creek, 15 ft. wide, course S. 75° E.
597.98	The true point for Cor. No. 4, identical with Cor. No. 3 of the Crow No. 2 lode of this survey, on line 4-1 of the IL 192 mill site, uns.

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FEET	
	<p>This corner falls on the near-vertical face of a cliff in an inaccessible location, witnessed S. 30° 29' 50" W., 13.00 ft. dist., herein-after described.</p> <p style="text-align: center;">Thence S. 57° 34' 11" E.</p>
241	Center of Needle Creek, 15 ft. wide, course S. 20° E.
690	Centerline of major haul road, 30 ft. wide, bears N. 80° W. and S. 70° E.
810	Centerline of major haul road, 30 ft. wide, bears N. 35° W. and S. 25° E.
876	Center of entrance road to Ox Hide Mine, 30 ft. wide, bears N. 16° E. and S. 16° W.
1,486.14	Cor. No. 1, and place of beginning.
	<p>SCHULZA'S Lode</p> <p>Beginning at the true point for Cor. No. 1 of the SCHULZA'S lode, identical with Cors. Nos. 1 of the BILL SHAFT No. 1, CROW No. 1, and Crow No. 2 lodes of this survey; not monumented for reasons previously given for this point; witnessed N. 30° 29' 50" E., 182.74 ft. dist., previously described.</p> <p style="text-align: center;">Thence S. 59° 09' 21" E.</p>
190	Center of Needle Creek, 15 ft. wide, course SOUTH.
1,495.72	The true point for Cor. No. 2, identical with Cors. Nos. 2 of the BILL SHAFT No. 1 and East Extension of the August Mine lodes of this survey; not monumented for reasons previously given for this point.
	Thence S. 30° 29' 50" W.
16	Centerline of U.S. Highway Route No. 60, width 40 feet, bears N. 57° E. and S. 57° W.
109.01	A point selected for witness Cor. No. 2, identical with Cors. Nos. 2 of the BILL SHAFT No. 1 and the East Extension of the August Mine lodes of this survey.
	Under the highway right-of-way fence, set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. WC - SCH-2, BS 1-2, and EEAM-2-4698.

FEET	
204	Entrance road to Schulze Ranch properties; bears S. 20° E. and N. 20° W.
300	Lode line; discovery point bears N. 59° 09' 21" W., 1335.72 ft. dist.
387	Center of Bloody Tanks Wash, 25 ft wide, course N. 62° E.
599.49	Cor. No. 3, established on line 2-3 of the CLAY 16 lode, uns., at a point from which Cor. No. 2 bears NORTH, 312.54 ft. dist.
	Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. SCH-3-4698; from which
	The brass capped pipe marking the SW-NW 1/64 sec. cor. of sec. 2, T. 1 S., R. 14 E., and the NW. Cor. of the northeasterly portion of the Schulze Homestead, Pat. No. 458733, bears N. 82° 43' 50" E., 336.74 ft. dist.
	Thence N. 58° 38' 56" W.
48	Center of Bloody Tanks Wash, 25 ft. wide, course N. 30° E.
289	Centerline of U.S. Highway Route No. 60, width 40 ft., bears N. 57° E., and S. 57° W.
458	Center of southwesterly leg of entrance road to Ox Hide Mine, 25 ft. wide, bears N. and S.
494	Center of Needle Creek, 20 ft. wide, course S. 55° E.
600.71	Intersect line 1-2 of the CLAY 16 lode, uns., and line 2-3 of the CLAY No. 5 lode, uns., at a point from which Cor. No. 2 and Cor. No. 2 bear EAST, 513.01 ft. dist., and 10.87 ft. dist., respectively.
1,180	Center of local drainage, 10 ft. wide, course N. 75° E.
1,495.86	Cor. No. 4, identical with Cor. No. 4 of the CROW No. 1 lode of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. SCH-4, and CROW 1-4-4698; from which
	Cor. No. 2 of the CLAY No. 5 lode, uns., bears S. 59° 00' 25" E., 904.45 ft. dist.
	Thence N. 30° 29' 50" E.

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FEET	
6.79	Intersect line 1-2 of the CLAY No. 5 lode, uns., at a point from which Cor. No. 2 bears S. 58° 34' 36" E., 904.53 ft. dist.
286.26	Lode line; discovery point bears S. 59° 09' 21" E., 160 ft. dist.
573	Center of entrance road to OxHide Mine, 30 ft. wide, bears N. 35° W. and S. 35° E.
586.26	Cor. No. 1, and place of beginning.
	East Extension of the August Mine Lode
	Beginning at Cor. No. 1 of the East Extension of the August Mine lode, identical with Cor. No. 3 of the BILL SHAFT No. 1 lode, Cor. No. 2 of the BILL SHAFT No. 2 lode, and Cor. No. 4 of the Blue Bird lode of this survey; from which
	The standard cor. of secs. 34 and 35, T. 1 N., R. 14 E., G. & S. R. M., bears N. 41° 20' 34" E., 972.20 ft. dist., previously described.
	Thence S. 30° 29' 50" W.
300	Lode line; discovery point bears S. 58° 19' 18" E., 35 ft. dist.
599.92	The true point for Cor. No. 2, identical with Cors. Nos 2 of the SCHULZA'S and BILL SHAFT No. 1 lodes of this survey.
	This corner falls in the paved surface of U.S. Highway Route No. 60 where a permanent monument cannot be established; witnessed S. 30° 29' 50" W., 109.01 ft. dist., previously described.
	Thence S. 58° 23' 29" E.
8	Centerline of U.S. Highway Route No. 60, width 40 ft., bears N. 57° E. and S. 57° W.
148	Center of Bloody Tanks Wash, 25 ft. wide, course N. 50° E.
880.90	Intersect the northerly boundary of the Schulze Homestead, Pat No. 458733, at a point from which the NE. corner thereof, also being the SE-NW 1/64 sec. cor. of sec. 2, bears S. 87° 51' 12" E., 586.03 ft. dist.
1,496.51	Cor. No. 3.

FEET	
	<p>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. EEAM-3-4698; from which</p> <p style="text-align: center;">The NE. cor. of the Schulzæ Homestead, Pat. No. 458733, bears N. 11° 31' 40" E., 306.89 ft. dist.</p> <p style="text-align: center;">Thence N. 30° 29' 50" E.</p>
116.70	Intersect the easterly boundary of the Schulze Homestead, Pat. No. 458733, at a point from which the NE. corner thereof bears N. 0° 36' 10" E., 200.16 ft. dist.
298.09	Lode line; discovery point bears N. 58° 19' 18" W., 1461.54 ft. dist.
598.09	Cor. No. 4, identical with Cor. No. 3 of the Blue Bird lode of this survey.
	<p>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. EEAM-4, and BB-3-4698.</p> <p style="text-align: center;">Thence N. 58° 19' 18" W.</p>
1,021	Center of Bloody Tanks Wash, 25 ft. wide, course N. 15° E.
1,186	Centerline of U.S. Highway Route No. 60, width 40 ft., bears N. 59° E. and S. 59° W.
1,496.54	Cor. No. 1, and place of beginning.
	Blue Bird Lode
	<p>Beginning at the true point for Cor. No. 1 of the Blue Bird lode, identical with Cor. No. 1 of the BILL SHAFT No. 2 lode and Cor. No. 2 of the Bill Shaft No. 3 lode of this survey.</p> <p>This corner falls in an access road where a permanent monument cannot be established; witnessed S. 30° 29' 50" W., 40.02 ft. dist., previously described. Road bears N. and S.</p> <p style="text-align: center;">Thence S. 58° 18' 15" E.</p>
26	Center of small ravine, 5 ft. wide, course SOUTH.
635	Centerline of U.S. Highway Route No. 60, width 40 ft., bears N. 62° E. and S. 60° W.
712	Center of Bloody Tanks Wash, 25 ft. wide, course N. 60° E.
1,137	Center of ravine, 8 ft. wide, course NORTH.

FEET	
1,496.56	<p>Cor. No. 2.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BB-2-4698.</p> <p>Thence S. 30° 29' 50" W.</p>
300	<p>Lode line; discovery point bears N. 58° 18' 15" W., 1441.56 ft. dist.</p>
548	<p>Center of ravine, 5 ft. wide, course N. 40° W.</p>
599.09	<p>Cor. No. 3, identical with Cor. No. 4 of the East Extension of the August Mine lode of this survey.</p> <p>Thence N. 58° 19' 18" W.</p>
1,021	<p>Center of Bloody Tanks Wash, 25 ft. wide, course N. 15° E.</p>
1,186	<p>Centerline of U.S. Highway Route No. 60, width 40 ft., bears N. 59° E. and S. 59° W.</p>
1,496.54	<p>Cor. No. 4, identical with Cor. No. 3 of the BILL SHAFT No. 1 lode, Cor. No. 2 of the BILL SHAFT No. 2 lode, and Cor. No. 1 of the East Extension of the August Mine lode of this survey.</p> <p>Thence N. 30° 29' 50" E.</p>
229.55	<p>Center of local drainage, 6 ft. wide, course S. 25° E.</p>
299.55	<p>Lode line; discovery point bears S. 58° 18' 15" E., 55 ft. dist.</p>
559.53	<p>Witness Cor. No. 1, previously described.</p>
599.55	<p>Cor. No. 1, and place of beginning.</p>
	<p>CROW No. 1 Lode</p>
	<p>Beginning at the true point for Cor. No. 1 of the CROW No. 1 lode, identical with Cors. Nos. 1 of the BILL SHAFT No. 1, SCHULZA'S, and Crow No. 2 lodes of this survey; not monumented for reasons previously given for this point; witnessed N. 30° 29' 50" E., 182.74 ft. dist., previously described.</p> <p>Thence N. 57° 33' 04" W.</p>
33	<p>Center of entrance road to OxHide Mine, 30 ft. wide, bears N. 35° W. and S. 35° E.</p>
828	<p>Center of major haul road, 30 ft. wide, bears N. and S.</p>
891.28	<p>Intersect the Gila and Salt River Base Line, being also the line between secs. 3 and 34, at a point from which the standard $\frac{1}{4}$ sec. cor. of sec. 34 bears N. 89° 54' 46" E., 348.26 ft. dist.</p>

FEET	
1,486.15	<p>Cor. No. 2, identical with Cor. No. 2 of the Crow No. 2 lode of this survey, on line 4-1 of the IL 196 mill site, uns.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. CROW 1-2, and CROW 2-2-4698.</p> <p style="text-align: center;">Thence S. 30° 29' 50" W.</p>
300	<p>Lode line; discovery point bears S. 57° 33' 04" E., 1366.15 ft. dist.</p>
371.64	<p>Intersect Cor. No. 4 of the IL 196 mill site, uns., established on line 4-1 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 106 and on the Gila and Salt River Base Line, being also the line between secs. 3 and 34, at a point from which Cor. No. 1 and the standard $\frac{1}{4}$ sec. cor. of sec. 34 bear N. 89° 54' 46" E., 119.91 ft. dist., and 1038.85 ft. dist., respectively.</p>
412	<p>Center of major haul road, 30 ft. wide, bears N. 50° W., and S. 40° E.</p>
523	<p>Center of local drainage, 10 ft. wide, course S. 30° E.</p>
598.80	<p>Cor. No. 3.</p> <p>Set a brass tablet, 2 ins. diam., 2½ ins. stem, grouted into ledge rock, with tablet surface mkd. CROW 1-3-4698; from which</p> <p style="text-align: center;">Cor. No. 1 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 106 bears N. 50° 12' 18" E., 306.10 ft. dist.</p> <p style="text-align: center;">Cor. No. 2 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 106, identical with Cor. No. 3 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 107, and Cor. No. 4, Sur. No. 4706 INSPIRATION MILL SITE NO. IL 108, bears S. 60° 19' E., 270.62 ft. dist.</p> <p style="text-align: center;">Thence S. 58° 02' 03" E.</p>
48	<p>Center of local drainage, 10 ft. wide, course S. 25° W.</p>
253.20	<p>Intersect line 2-3 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 106, and line 3-4 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 107, at a point from which Cor. No. 2 and Cor. No. 3, identical with Cor. No. 4 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 108, bear N. 89° 54' 25" E., 20.30 ft. dist.</p>

FEET	
277.12	Intersect line 2-3 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 107, and line 3-4 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 108, at a point from which Cor. No. 3 and Cor. No. 4, identical with Cor. No. 2 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 106, bear N. 0° 00' 53" E., 12.70 ft. dist.
314	Center of major haul road, 30 ft. wide, bears N. 35° W. and S. 35° E.
889.68	Intersect line 2-3 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 108, and line 4-1 of the CLAY No. 5 lode, uns., at a point from which Cor. No. 2 and Cor. No. 1 bear EAST, 138.45 ft. dist., and 2.20 ft. dist., respectively.
950	Center of major haul road, 30 ft. wide, bears N. 40° E. and S. 50° W.
1,485.76	<p>Cor. No. 4, identical with Cor. No. 4 of the SCHULZA'S lode of this survey; from which</p> <p style="padding-left: 40px;">Cor. No. 2 Sur. No. 4706 INSPIRATION MILL SITE NO. IL 108 bears N. 49° 19' 39" W., 484.20 ft. dist.</p> <p style="padding-left: 40px;">Cor. No. 1 of the CLAY No. 5 lode, uns., bears N. 57° 55' 19" W., 594.21 ft. dist.</p> <p style="padding-left: 40px;">Thence N. 30° 29' 50" E.</p>
6.79	Intersect line 1-2 of the CLAY No. 5 lode, uns., at a point from which Cor. No. 1 bears N. 58° 34' 36" W., 594.06 ft. dist.
286.26	Lode line; discovery point bears N. 57° 33' 04" W., 120 ft. dist.
573	Center of entrance road to Ox Hide Mine, 30 ft. wide, bears N. 35° W. and S. 35° E.
586.26	Cor. No. 1, and place of beginning.
	<p style="text-align: center;">Crow No. 2 Lode</p> <p>Beginning at the true point for Cor. No. 1 of the Crow No. 2 lode, identical with Cors. Nos. 1 of the BILL SHAFT No. 1, SCHULZA'S, and CROW No. 1 lodes of this survey; not monumented for reasons previously given for this point; witnessed N. 30° 29' 50" E., 182.74 ft. dist., previously described.</p> <p style="padding-left: 40px;">Thence N. 57° 33' 04" W.</p>
33	Center of entrance road to OxHide Mine, 30 ft. wide, bears N. 35° W. and S. 35° E.

FEET	
828	Center of major haul road, 30 ft. wide, bears N. and S.
891.28	Intersect the Gila and Salt River Base Line, being also the line between secs. 3 and 34, at a point from which the standard $\frac{1}{4}$ sec. cor. of sec. 34 bears N. $89^{\circ} 54' 46''$ E., 348.26 ft. dist.
1,486.15	Cor. No. 2, identical with Cor. No. 2 of the CROW No. 1 lode of this survey, on line 4-1 of the IL 196 mill site, uns. Thence N. $30^{\circ} 29' 50''$ E.
84.19	Intersect Cors. Nos. 1 of the IL 194 and the IL 196 mill sites, uns.
298.55	Lode line; discovery point bears S. $57^{\circ} 34' 11''$ E., 1221.14 ft. dist.
475.08	Intersect Cors. Nos. 4 of the IL 192 and the IL 194 mill sites, uns.
585.55	A point selected for witness Cor. No. 3, identical with Cor. No. 4 of the Bill Shaft No. 8 lode of this survey, on line 4-1 of the IL 192 mill site, uns. Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. in the ground, with brass cap mkd. WC - CROW 2-3-4698 and BS 8-4-4698.
598.55	The true point for Cor. No. 3, identical with Cor. No. 4 of the Bill Shaft No. 8 lode of this survey, on line 4-1 of the IL 192 mill site, uns. This corner falls on the near-vertical face of a cliff in an inaccessible location. S. $57^{\circ} 34' 11''$ E.
241	Center of Needle Creek, 15 ft. wide, course S. 20° E.
690	Centerline of major haul road, 30 ft. wide, bears N. 80° W. and S. 70° E.
810	Centerline of Major haul road, 30 ft. wide, bears N. 35° W. and S. 25° E.
876	Center of entrance road to OxHide Mine, 30 ft. wide, bears N. 16° E. and S. 16° W.
1,486.14	Cor. No. 4, identical with Cor. No. 4 of the BILL SHAFT No. 1 lode, Cor. No. 3 of the BILL SHAFT No. 2 lode, and Cor. No. 1 of the Bill Shaft No. 8 lode of this survey. S. $30^{\circ} 29' 50''$ W.

FEET	
43.05	Intersect the G. & S. R. Base Line, being also the line between secs. 34 and 3, at a point from which the standard $\frac{1}{4}$ cor. of sec. 34 bears S. 89° 58' 25" W., 686.02 ft. dist., and the closing cor. of secs. 2 and 3 bears N. 89° 58' 25" E., 373.90 ft. dist.
300	Lode line; discovery point bears N. 57° 34' 11" W., 265 ft. dist.
416.29	Witness Cor. No. 1, previously described.
538	Center of Needle Creek, 15 ft. wide, course S. 40° E.
599.03	Cor. No. 1, and place of beginning.
SURVEY NO. 4698	
	AREAS Acres
	Total area, NEEDLE lode 19.974
	Area in conflict with--
	Sur. No. 3950 Picnic lode 0.001
	Sur. No. 3950 Picnic No. 2 lode 0.282
	Sur. No. 3950 Picnic No. 2 lode, exclusive of its conflict with:
	(1) Sur. No. 3950 Picnic lode 0.281
	Sur. No. 3950 Standard No. 3 lode 0.767
	Sur. No. 3950 Standard No. 3 lode, exclusive of its conflict with:
	(1) Sur. No. 3950 Picnic No. 2 lode 0.767
	Total area, BILL SHAFT No. 1 lode 20.584
	Area in conflict with--
	USFS land in secs. 2 and 3, T. 1 S., R. 14 E., 20.548
	Total area, BILL SHAFT No. 2 lode 20.594
	Area in conflict with--
	USFS land in secs. 2 and 3, T. 1 S., R. 14 E. 12.657
	Total area, Bill Shaft No. 3 lode 20.570
	Area in conflict with--
	USFS land in sec. 2, T. 1 S., R. 14 E. 1.180
	Total area, Bill Shaft No. 4 lode 20.455
	Total area, Bill Shaft No. 5 lode 20.592
	Area in conflict with--
	Bill Shaft No. 4 lode of this survey 3.429
	BUSY BEE lode, uns. 0.170
	Total area, Bill Shaft No. 6 lode 20.565
	Area in conflict with--
	Sur. No. 3950 Picnic No. 2 lode 0.005
	Sur. No. 3950 Hill Top lode 0.130
	Sur. No. 3953 Ox Bow Copper No. 3 lode 1.467
	Sur. No. 3953 Copper Fortune lode 1.739

FEET	
	Total area, Bill Shaft no. 7 lode 19.983
	Area in conflict with--
	BUSY BEE lode, uns. 0.091
	Total area, Bill Shaft No. 8 lode 20.424
	Total area, SCHULZA'S lode 20.357
	Area in conflict with--
	USFS land in secs. 2 and 3, T.1 S., R. 14 E. 20.357
	CLAY No. 5 lode, uns. 0.129
	CLAY 16 lode, uns. 0.144
	Total area, East Extension of the
	August Mine lode 20.575
	Area in conflict with--
	USFS land in sec. 2, T. 1 S., R. 14 E. 18.405
	Pat. No. 458733 Schulze Homestead 2.170
	Total area, Blue Bird lode 20.586
	Area in conflict with--
	USFS land in sec. 2, T. 1 S., R. 14 E. 20.586
	Total area, CROW No. 1 lode 20.204
	Area in conflict with--
	USFS land in sec. 3, T. 1 S., R. 14 E. 17.667
	CLAY No. 5 lode, uns. 0.054
	Sur. No. 4706 INSPIRATION MILL SITE NO.
	IL 106 1.191
	Sur. No. 4706 INSPIRATION MILL SITE NO.
	IL 107 0.003
	Sur. No. 4706 INSPIRATION MILL SITE NO.
	IL 108 2.944
	Total area, Crow No. 2 lode 20.417
	Area in conflict with--
	USFS land in sec. 3, T. 1 S., R. 14 E. 5.687
	LOCATION
	This survey is located in Uns. sec. 34, T. 1 N., R. 14 E., and in secs. 2 and 3, T. 1 S., R. 14 E., of the Gila and Salt River Meridian, Gila County, Arizona.
	The survey of the fourteen (14) lode claims embraced in this order for mineral survey and described herein is identical with the respect- ive locations or amended locations as marked on the ground, except as limited by current mining activity.
	EXPENDITURES
	The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or its grantors are as follows:
No. 1	The discovery point of the NEEDLE lode is on the lode line 130 ft. from a point on line 2-3, 299.18 ft. from Cor. No. 2. Value, none.
No. 2	A churn drill hole bears S. 55° 26' E., 266 ft. from Cor. No. 4 NEEDLE lode; 12 ins. diam., 285 ft. depth. Value, \$1,995.

FEET	
No. 3	A churn drill hole bears S. 15° 10' E., 274 ft. from Cor. No. 4 NEEDLE lode; 12 ins. diam., 320 ft. depth. Value, \$2,240.
No. 4	A churn drill hole bears S. 71° 18' E., 454 ft. from Cor. No. 4 NEEDLE lode; 12 ins. diam., 335 ft. depth. Value, \$2,345.
No. 1	The discovery point of the BILL SHAFT No. 1 lode is on the lode line 305 ft. from a point on line 2-3, 299.92 ft. from Cor. No. 2. Value, none.
No. 2	A diamond drill hole bears S. 61° 36' E., 721 ft. from Cor. No. 1 BILL SHAFT No. 1 lode; 3½ ins. diam., 550 ft. depth. Value, \$4,950.
No. 3	A churn drill hole bears S. 46° 10' E., 494 ft. from Cor. No. 4 BILL SHAFT No. 1 lode; 12 ins. diam., 625 ft. depth. Value, \$4,375.
No. 4	A churn drill hole bears S. 17° 23½' W., 146 ft. from Cor. No. 4 BILL SHAFT No. 1 lode; 12 ins. diam., 400 ft. depth. Value, \$3,000.
No. 5	A churn drill hole bears S. 48° 18½' E., 211 ft. from Cor. No. 4 BILL SHAFT No. 1 lode; 12 ins. dia., 515 ft. depth. Value, \$3,863.
No. 1	The discovery point of the BILL SHAFT No. 2 lode is on the lode line 125 ft. from a point on line 3-4, 300 ft. from Cor. No. 3. Value, none.
No. 2	A diamond drill hole bears S. 59° 00½' E., 643 ft. from Cor. No. 3 BILL SHAFT No. 2 lode; 3½ ins. diam., 606 ft. depth. Value, \$5,454.
No. 3	A churn drill hole bears S. 75° 53' E., 546 ft. from Cor. No. 3 BILL SHAFT No. 2 lode; 12 ins. diam., 615 ft. depth. Value, \$4,305.
No. 4	A diamond drill hole bears N. 78° 11' W., 636 ft. from Cor. No. 1 BILL SHAFT No. 2 lode; 3½ ins. diam., 612 ft. depth. Value, \$5,508.
No. 1	The discovery point of the Bill Shaft No. 3 lode is on the lode line 100 ft. from a point on line 3-4, 300 ft. from Cor. No. 3. Value, none.

FEET	
No. 2	A churn drill hole bears N. 62° 54' W., 785 ft. from Cor. No. 1 Bill Shaft No. 3 lode; 12 ins. diam., 162 ft. depth. Value, \$1,215.
No. 3	A churn drill hole bears S. 78° 05½' W., 688 ft. from Cor. No. 1 Bill Shaft No. 3 lode; 12 ins. diam., 175 ft. depth. Value, \$1,313.
No. 1	The discovery point of the Bill Shaft No. 4 lode is on the lode line 60 ft. from a point on line 1-2, 300 ft. from Cor. No. 1. Value, none.
No. 2	A churn drill hole bears N. 50° 09' W., 207 ft. from Cor. No. 1 Bill Shaft No. 4 lode; 12 ins. diam., 175 ft. depth. Value, \$1,270.
No. 3	A diamond drill hole bears S. 68° 37' E., 605 ft. from Cor. No. 4 Bill Shaft No. 4 lode; 3½ ins. diam., 102 ft. depth. Value, \$918.
No. 1	The discovery point of the Bill Shat No. 5 lode is on the lode line 250 ft. from a point on line 4-1, 300 ft. from Cor. No. 4. Value, none.
No. 2	A churn drill hole bears S. 68° 32' E., 210 ft. from Cor. No. 1 Bill Shat No. 5 lode; 12 ins. diam., 100 ft. depth. Value, \$750.
No. 1	The discovery point of the Bill Shaft No. 6 lode is on the lode line 115 ft. from a point on line 4-1, 299.20 ft. from Cor. No. 4. Value, none.
No. 2	A diamond drill hole bears S. 61° 06' E., 727 ft. from Cor. No. 4 Bill Shaft No. 6 lode; 3½ ins. diam., 129 ft. depth. Value, \$1,160.
No. 3	A diamond drill hole bears S. 51° 19' E., 565 ft. from Cor. No. 4 Bill Shaft No. 6 lode; 3½ ins. diam., 976 ft. depth. Value, \$8,784.
No. 4	A diamond drill hole bears S. 71° 54' E., 509 ft. from Cor. No. 4 Bill Shaft No. 6 lode; 3½ ins. diam., 128 ft. depth. Value, \$1,152.
No. 1	The discovery point of the Bill Shaft no. 7 lode is on the lode line 80 ft. from a point on line 1-2, 300 ft. from Cor. No. 1. Value, none.

FEET	
No. 2	A diamond drill hole bears S. 68° 10' E., 430 ft. from Cor. No. 1 Bill Shaft no. 7 lode; 3½ ins. diam., 435 ft. depth. Value, \$3,915.
No. 3	A diamond drill hole bears N. 87° 33' W., 404 ft. from Cor. No. 4 Bill Shaft no. 7 lode; 3½ ins. diam., 800 ft. depth. Value, \$7,200.
No. 4	A churn drill hole bears N. 78° 29' W., 617 ft. from Cor. No. 4 Bill Shaft no. 7 lode; 12 ins. diam., 315 ft. depth. Value, \$2,362.
No. 1	The discovery point of the Bill Shaft No. 8 lode is on the lode line 50 ft. from a point on line 3-4, 297.98 ft. from Cor. No. 3. Value, none.
No. 2	A churn drill hole bears N. 34° 34½' W., 794 ft. from Cor. No. 1 Bill Shaft No. 8 lode; 12 ins. diam., 90 ft. depth. Value, \$675.
No. 3	A churn drill hole bears N. 15° 01' W., 265 ft. from Cor. No. 1 Bill Shaft No. 8 lode; 12 ins. diam., 340 ft. depth. Value, \$2,550.
No. 4	A churn drill hole bears S. 66° 23' W., 180 ft. from Cor. No. 2 Bill Shaft No. 8 lode; 12 ins. diam., 310 ft. depth. Value, \$2,325.
No. 1	The discovery point of the SCHULZA'S lode is on the lode line 160 ft. from a point on line 4-1, 286.26 ft. from Cor. No. 4. Value, none.
No. 2	A churn drill hole bears S. 13° 30' E., 242 ft. from Cor. No. 1 SCHULZA'S lode; 12 ins. diam., 215 ft. depth. Value, \$1,600.
No. 3	A churn drill hole bears S. 46° 50' E., 627 ft. from Cor. No. 1 SCHULZA'S lode; 12 ins. diam., 415 ft. depth. Value, \$3,115.
No. 4	A churn drill hole bears N. 76° 32½' W., 639 ft. from Cor. No. 2 SCHULZA'S lode; 12 ins. diam., 475 ft. depth. Value, \$3,560.
No. 5	A diamond drill hole bears N. 70° 18' W., 412 ft. from Cor. No. 2 SCHULZA'S lode; 3½ ins. diam., 535 ft. depth. Value, \$4,815.

FEET	
No. 1	The discovery point of the East Extension of the August Mine lode is on the lode line 35 ft. from a point on line 1-2, 300 ft. from Cor. No. 1. Value, none.
No. 2	A diamond drill hole bears S. 36° 16' E., 449 ft. from Cor. No. 1 East Estension of the August Mine lode; 3½ ins. diam., 852 ft. depth. Value, \$7,700.
No. 3	A churn drill hole bears N. 76° 05' E., 353 ft. from Cor. No. 2 East Extension of the August Mine lode; 12 ins. diam., 250 ft. depth. Value, \$1,875.
No. 1	The discovery point of the Blue Bird lode is on the lode line 55 ft. from a point on line 4-1, 299.55 ft. from Cor. No. 4. Value, none.
No. 2	A churn drill hole bears S. 63° 38' E., 68 ft. from Cor. No. 4 Blue Bird lode; 12 ins. diam., 510 ft. depth. Value, \$3,825.
No. 1	The discovery point of the CROW No. 1 lode is on the lode line 120 ft. from a point on line 4-1, 286.26 ft. from Cor. No. 4. Value, none.
No. 2	A churn drill hole bears S. 77° 16' W., 141 ft. from Cor. No. 1 CROW No. 1 lode; 12 ins. diam., 145 ft. depth. Value, \$1,088.
No. 3	A churn drill hole bears S. 85° 09' W., 344 ft. from Cor. No. 1 CROW No. 1 lode; 12 ins. diam., 86 ft. depth. Value, \$645.
No. 1	The discovery point of the Crow No. 2 lode is on the lode line 265 ft. from a point on line 4-1, 300 ft. from Cor. No. 4. Value, none.
No. 2	A churn drill hole bears N. 16° 58' E., 183 ft. from Cor. No. 1 Crow No. 2 lode; 12 ins. diam., 220 ft. depth. Value, \$1,650.
No. 3	A churn drill hole bears N. 76° 34' W., 240 ft. from Cor. No. 4 Crow No. 2 lode; 12 ins. diam., 135 ft. depth. Value, \$1,015.
No. 4	A churn drill hole bears S. 55° 11' W., 258 ft. from Cor. No. 4 Crow No. 2 lode; 12 ins. diam., 225 ft. depth. Value, \$1,700.

FEET

An interest in certain common improvements described as follows:

An open pit of irregular dimensions, from which approximately 3,825,000 cubic yards of ore and waste material have been removed to date January 1, 1972, occupies portions of the NEEDLE, Bill Shaft No. 5, Bill Shaft No. 6, and Bill Shaft no. 7 lodes.

Value of open pit, \$956,200.

Value of one-fourth interest, \$239,050.

This improvement is in course of construction for the development of the four lodes listed above and was made subsequent to the location of each lode and to the time since which common ownership and contiguity have prevailed; therefore an undivided one-fourth interest in its value is hereby credited to each of said lodes of the common group.

A network of graded access roads have been constructed throughout the area occupied by the fourteen lodes of this group.

Value of access roads, \$32,200.

Value of one-fourteenth interest, \$2,300.

This improvement is for the development of the fourteen lodes of this survey and was made subsequent to the location of each lode and to the time since which common ownership and contiguity have prevailed; therefore an undivided one-fourteenth interest in its value is hereby credited to each of said lodes of the common group.

OTHER IMPROVEMENTS

A precipitation plant occupies a portion of the Bill Shaft No. 8 lode; said plant consists of iron launders, storage facilities for cement copper, sump and drying pads, provisions for storage of sulfuric acid. Value of plant, including excavation for plant site, \$255,000.

An office building, value \$41,500, and a laboratory building, value \$44,720, are situated within the boundaries of the Bill Shaft No. 8 lode.

An equipment repair shop building occupies a portion of the western end of the Bill Shaft No. 8 lode, value \$50,600.

Plant, office, laboratory, and shop buildings are situated as shown on plat, claimant herein.

FEET

A concrete-core water-retention dam, the SW end of which bears N. 57° W., 690 ft. from Cor. No. 3 SCHULZA'S lode; crest bears N. 58° E., 100 ft. from SW end of dam; height 40 ft., thickness of core 1.5 ft. Value of dam, including excavation, \$38,700. Claimant herein.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 3950 Picnic lode: Cors. Nos. 1 and 2 are 4 ins. x 4 ins. wooden posts, firmly set and properly marked with galvanized identification plates; Cor. No. 4 has been destroyed. Line 1-2 was found to be N. 37° 44' 49" W., 666.36 ft., instead of N. 37° 47' W., 665.2 ft., as approved; Line 4-1 is shown as approved. From Cor. No. 1 the standard cor. of secs. 33 and 34, T. 1 N., R. 14 E., G. & S. R. M., bears S. 11° 04' 50" W., 3387.43 ft. dist., instead of S. 11° 05' 50" W., 3385.9 ft. dist., as approved.

Sur. No. 3950 Picnic No. 2 lode: Cor. No. 4 is a 4 ins. x 4 ins. wooden post, firmly set and properly marked with galvanized identification plate; Cor. No. 2 is also a 4 ins. x 4 ins. wooden post, properly marked, but was found in a loose condition, leaning out of its surrounding pile of rocks; therefore I restored the post to a solid condition within the rock pile at a point from which Cor. No. 1 Sur. No. 3950 Picnic lode bears N. 8° 32' E., 4.45 ft. dist., as approved. Cors. Nos. 1 and 3 have been destroyed. Line 2-3 is shown as approved. The position of Cor. No. 1 and the course data for lines 1-2 and 4-1 are shown as calculated using the procedure outlined for the restoration of angle points of nonriparian meander lines, Sec. 380 of the 1947 Edition of the Manual of Surveying Instructions; therefore, line 1-2 was calculated to be N. 75° 04' 39" W., 1499.22 ft., instead of N. 75° 04' W., 1499.3 ft., as approved, and line 4-1 was calculated to be S. 8° 31' 43" W., 526.60 ft., instead of S. 8° 32' W., 526.5 ft., as approved. From Cor. No. 1 the standard ¼ sec. cor. of sec. 34 bears S. 10° 22' 53" E., 2978.61 ft. dist., instead of S. 10° 21' 30" E., 2976.3 ft. dist., as approved.

Sur. No. 3950 Standard No. 3 lode: Cors. Nos. 1, 3, and 4 are 4 ins. x 4 ins. wooden posts, firmly set and properly marked. Line 3-4 was found to be S. 37° 44' 49" E., 957.73 ft., instead of S. 37° 47' E., 956.4 ft., as approved; line 4-1 was found to be S. 79° 18' 55" W., 585.56 ft., instead of S. 79° 21' W., 585.6 ft. as approved. From Cor. No. 1 the standard cor. of secs. 33 and 34 bears S. 4° 52' 05" W., 2996.10 ft. dist., instead of S. 4° 52' 40" W., 2995.1 ft. dist., as approved.

FEET

Sur. No. 3950 Hill Top lode: Cor. No. 3 is a 4 ins. x 4 ins. wooden post, firmly set and properly marked; Cors. Nos. 1 and 4 are 2½ ins. diam. brass-capped pipes properly marked and firmly set in the manner described in the following paragraph. Cor. No. 2, identical with Cor. No. 1 Sur. No. 3950 Picnic No. 2 lode, has been destroyed, but its position was calculated in the manner described for said Cor. No. 1. Line 1-2 was calculated to be N. 74° 30' 17" W., 684.69 ft., instead of N. 74° 28' W., 684 ft., as approved; line 2-3 was calculated to be N. 8° 31' 43" E., 526.60 ft., instead of N. 8° 32' E., 526.5 ft., as approved; line 4-1 was found to be S. 8° 28' W., 532.92 ft., instead of S. 8° 32' W., 533.1 ft., as approved. From Cor. No. 1 the standard ¼ sec. cor. of sec. 34 bears S. 2° 34' 03" W., 2749.59 ft. dist., instead of S. 2° 35' W., 2747.4 ft. dist., as approved.

Note concerning corner monumentation found on Sur. No. 3953 Ox Bow Copper No. 3 and Copper Fortune lodes: All found corners of these lodes are 2½ ins. diam. brass-capped pipes, firmly set and properly marked except that the letters I.C.C.Co. have been included on the caps. These pipes were purportedly set many years ago in the identical positions formerly occupied by the original pipe posts which were rotting away, according to the testimony of Herbert H. Mellus, Chief Mining Engineer for Inspiration Consolidated Copper Company, owners of these lodes. As no superior evidence could be found pertaining to the proper placement of these corner monuments, all are accepted as correct.

Sur. No. 3953 Ox Bow Copper No. 3 lode: Cors. Nos. 1, 2, and 4 are brass-capped pipes of the type just described; Cor. No. 3 could not be found. Line 1-2 was found to be N. 8° 28' E., 739.92 ft., instead of N. 8° 32' E., 738.7 ft., as approved; line 4-1 was found to be S. 83° 45' 09" W., 597.77 ft., instead of S. 83° 37' W., 600 ft., as approved. Line 3-4 is shown as a northeasterly prolongation of the line connecting Cor. No. 1 Sur. No. 3953 Copper Fortune lode with Cor. No. 4 of subject lode and consequently bears S. 8° 34' W., instead of S. 8° 32' W., as approved. From Cor. No. 1 the standard ¼ sec. cor. of sec. 34 bears S. 2° 05' 18" W., 2543.77 ft. dist., instead of S. 2° 06' W., 2543 ft. dist., as approved.

Sur. No. 3953 Copper Fortune lode: Cors. Nos. 1 and 4 are brass-capped pipes of the type described in the preceding paragraphs; Cor. No. 2, identical with Cor. No. 3 Sur. No. 3953 Ox Bow Copper No. 3 lode could not be found. Line 1-2 is shown as a northeasterly prolongation of the line connecting Cor. No. 1 with Cor. No. 4

F E E T

Sur. No. 3953 Ox Bow Copper No. 3 lode and consequently bears N. 8° 34' E., instead of N. 8° 32' E., as approved; the length of said line connecting Cor. No. 1 with Cor. No. 4 was found to be 507.56 ft. dist., instead of 506.3 ft., dist., as approved. Line 4-1 was found to be S. 82° 27' 53" W., 605.55 ft., instead of S. 83° 17' W., 604.2 ft., as approved. From Cor. No. 1 the standard ¼ sec. cor. of sec. 34 bears S. 16° 11' 31" W., 2192.19 ft. dist., instead of S. 16° 15' 30" W., 2195 ft. dist., as approved.

The East Extension of the August Mine lode of this survey conflicts in part with Pat. 458733, a homestead grant to Minnie Schulze under Act of Congress of May 20, 1862, (patent dated February 18, 1915), and currently owned, both surface and mineral rights, by private individuals. The portion of this homestead (referred to herein as the Schulze Homestead) situated in Sec. 2, T. 1 S., R. 14 E., G. & S. R. M., has been the subject of a cadastral survey by the B.L.M. in the year 1967, at which time some of the corners were re-monumented with regulation brass caps. According to the official notes of that cadastral survey, certain corners were monumented in positions determined by testimony of the local landowners. The northerly half (approximately) of the easterly boundary of the Schulze Homestead, i.e., the line connecting the C-E-W 1/64 sec. cor. of sec. 2 with the SE-NW 1/64 sec. cor. of sec. 2, was found to be N. 0° 36' 10" E., 630.97 ft., instead of N. 0° 31' E., 632.94 ft., as approved. The SW-NW 1/64 sec. cor. of sec. 2 was found and used in a calculation to determine the proper direction for the north boundary of the easterly half of the northeasterly portion of the Schulze Homestead, i.e., the line connecting the SE-NW-1/64 sec. cor. of sec. 2 with the point for the not-monumented C-S-NW 1/64 sec. cor. of sec. 2. The procedure outlined in Sec. 380 of the Manual was used to ascertain the correct position for said C-S-NW 1/64 sec. cor., and the resulting boundary line was found to be N. 87° 51' 12" W., 651.90 ft., instead of N. 88° 01' W., 652.41 ft., as approved.

Sur. No. 4706 INSPIRATION MILL SITES NOs. IL 106, IL 107, and IL 108: All corners and witness corners were found firmly set and properly marked, having been recently set by this mineral surveyor in the year 1971. Since no discrepancies are known to exist between Sur. No. 4706 and subject mineral survey, all lines are correct as approved.

FEET

Notes concerning the following unsurveyed lodes and mill site locations: CLAY No. 5, CLAY 16, CLAY No. 3, BUSY BEE lodes and IL 188, IL 190, IL 192, IL 194, IL 196, and IL 310 mill sites-- Although all of the above claims are junior in location to the lodes comprising subject survey, they have been discussed herein and have been shown on the plat with their corners referred to by corner number. The reason for this is that the CLAY No. 5 lode and the CLAY 16 lode are presently being surveyed by me under order for Mineral Survey Number 4692; and the CLAY No. 3 lode and the BUSY BEE lode and all the above-named mill sites are among those lodes and mill sites being surveyed by me under order for Mineral Survey Number 4693 A & B. Since corner numbers have already been assigned to all the claims comprising these two mineral surveys, I have elected to refer to such corners by corner numbers rather than by general location. Due to the fact that these surveys have not been finished, I have herein referred to said lodes and mill sites as unsurveyed. The location corners of all the listed mill sites were established in the spring months of 1971 by this surveyor and were marked on the ground with spikes which have subsequently been replaced with brass-capped pipes in concrete foundations during the execution of unfinished Mineral Survey Number 4693 A & B, exceptions in monumentation occurring wherever mining operations or terrain precluded such monumentation. The location corners of all the listed lode claims were marked by this surveyor in a claim monumentation survey executed in 1966 for Inspiration Consolidated Copper Company, and all were iron posts, 1 ins. diam., set in concrete foundations, and projecting 12 ins. to 16 ins. above ground; to each pipe-post was attached a 2 ins. x 2 ins. pine post, 4 ft. long, bearing an aluminum plate stamped with the proper identification. Mining operations subsequent to said 1966 survey have obliterated several corner monuments, in which cases my survey records from the 1966 survey have been used to verify positions of missing corners. At the time of subject survey, conditions were as follows:

CLAY No. 5 lode, uns.: All corners are in place. Line 4-1 bears EAST, 1148.00 ft. dist.; line 1-2 bears S. 58° 34' 36" E., 1498.59 ft. dist., line 2-3 bears WEST, 1148.00 ft. dist.

CLAY 16 lode, uns.: All corners or witness corners are in place. Line 1-2 bears EAST, 1498.58 ft. dist.; line 2-3 bears SOUTH, 597.56 ft. dist.

CLAY No. 3 lode, uns.: Cors. Nos. 2 and 3 are in place; Cors. Nos. 1 and 4 have been destroyed. Line 2-3 bears S. 75° 11' 45" E., 598.45 ft. dist., and line 3-4 bears S. 14° 48' 15" W., 1499.79 ft. dist.

FEET		
	<p>BUSY BEE lode, uns.: Cor. No. 4 is in place; Cor. No. 1 is properly witnessed by a monument which bears N. 30° 29' 50" E., 33.37 ft. dist. from the true point for Cor. No. 1.; Cors. Nos. 2 and 3 have been destroyed. Line 1-2 bears N. 75° 08' 53" W., 1499.17 ft. dist.; line 2-3 bears N. 30° 29' 50" E., 618.66 ft. dist.; line 3-4 bears S. 75° 11' 55" E., 1499.54 ft. dist.; line 4-1 bears S. 30° 29' 50" W., 620.03 ft. dist.</p> <p>IL 188 mill site, uns.: Cor. No. 2 is on line 2-3 of the BUSY BEE lode, uns., by definition, although the post marking the corner has been destroyed; its position is shown as defined herein.</p> <p>IL 190 mill site, uns.: Cor. No. 1 is in place; Cor. No. 4 is properly witnessed by a monument which bears N. 30° 29' 50" E., 33.37 ft. dist. from the true point for Cor. No. 4. Line 4-1 bears S. 30° 29' 50" W., 80.56 ft. dist.</p> <p>IL 192 mill site, uns.: Cors. Nos. 1 and 4 are in place. Line 4-1 bears N. 30° 29' 50" E., 298.90 ft. dist.</p> <p>IL 194 mill site, uns.: Cor. No. 1 and 4 are in place. Line 4-1 bears S. 30° 29' 50" W., 390.89 ft. dist.</p> <p>IL 196 mill site, uns.: Cor. No. 1 is in place; Cor. No. 4 has been destroyed. Line 4-1 bears N. 30° 29' 50" E., 455.83 ft. dist.</p> <p>IL 310 mill site, uns.: Cor. No. 1 is in place; Cor. No. 2, identical with Cor. No. 2 of the IL 188 mill site, uns., and on line 2-3 of the BUSY BEE lode, uns., has been destroyed. Line 1-2 bears S. 74° 43' 32" E., 1121.73 ft. dist.</p> <p>The line between the standard cor. of secs. 33 and 34 and the standard ¼ sec. cor. of sec. 34, T. 1 N., R. 14 E., bears N. 89° 54' 46" E., 2635.92 ft. dist., instead of EAST, 2640 ft. dist., as approved, 1906 Resurvey.</p> <p>The line between the standard ¼ sec. cor. of sec. 34, and the standard cor. of secs. 34 and 35, T. 1 N., R. 14 E., bears N. 89° 58' 25" E., 2634.60 ft. dist., instead of N. 89° 58' E., 2638.02 ft. dist., as approved, 1967 Dependent Resurvey, or EAST, 2640 ft. dist., as approved 1906 Resurvey.</p> <p>The line between the standard cor. of secs. 33 and 34, and the ¼ sec. cor. of secs. 33 and 34, T. 1 N., R. 14 E., bears N. 0° 00' 53" E., 2635.57 ft. dist., instead of N. 0° 02' W., 2640 ft., as approved, 1923 Survey.</p>	

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FEET

The closing cor. of secs. 2 and 3, T. 1 S., R. 14 E., marked by an iron post with brass cap, 2½ ins. diam., mkd. as described in the record of the 1967 Dependent Resurvey of a portion of the South Boundary of T. 1 N., R. 14 E., was found to be 1.40 ft. on the north side of the Gila and Salt River Base Line. The line connecting said closing cor. brass cap with the standard ¼ sec. cor. of sec. 34, T. 1 N., R. 14 E., was found to bear S. 89° 53' 52" W., 1059.90 ft. dist., instead of S. 89° 58' W., 1061.28 ft. dist., as approved, 1967 Dependent Resurvey.

The line connecting the true closing cor. with the standard ¼ sec. cor. of sec. 34 was found to bear S. 89° 58' 25" W., 1059.92 ft. dist.

The line connecting the S-S-N 1/256 sec. cor. of secs. 2 and 3, T. 1 S., R. 14 E., with the brass capped pipe marking the closing cor. of secs. 2 and 3, T. 1 S., R. 14 E., was found to bear N. 0° 37' 38" W., 2040.13 ft. dist., instead of N. 0° 42' W., 2040.72 ft. dist., as approved, 1967 Dependent Resurvey; hence the line connecting said S-S-N 1/256 sec. cor. with the true point for the closing cor. of secs. 2 and 3 was found to be N. 0° 37' 38" E., 2038.73 ft. dist., owing to the 1.40 ft. northerly misalignment discussed previously.

FIELD ASSISTANTS

Name	Capacity
Loren E. Bunney	Instrumentman
Joseph E. Cummings	Chainman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Travis L. Gant	Date February 29, 1972
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I HEREBY CERTIFY That in pursuance of an order received from the Dept. of Interior, Bureau of Land Management, at Phoenix, Arizona, dated September 15, 1971, I have carefully executed the survey of the claim of Inspiration Consolidated Copper Co./ Wayne O. & Geraldine Trethewey, Eva Schulze, known as the (lode, placer, or mill site) John E. Schulze, and Nettie Siniaho, situated in Schulze Group* (see below), Township 1 N. & 1 S., Range 14 East, Gila and Salt River Meridian, in the State of Arizona

This survey, designated as number 4698, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the ~~(lode or placer)~~ location(s) embraced in the said mining claim by claimant(s) or their grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

*NEEDLE, BILL SHAFT Nos. 1 & 2, Bill Shaft Nos. 3 & 4., Bill Shaft No. 5, Bill Shaft No. 6, Bill Shaft no. 7, Bill Shaft No. 8, SCHULZA'S, East Extension of the August Mine, Blue Bird, CROW No. 1, and Crow No. 2.

Globe, Arizona (Location)	<i>Travis L. Gant</i> (Signature of Mineral Surveyor)
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CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT

Office Arizona State Office
Location Phoenix, Arizona
Date August 21, 1972

The foregoing field notes of mineral survey number 4698, in (Uns.) Township 1 North, Section 34, Range 14 East, and Sections 2 and 3, surveyed unsurveyed Township 1 South, Range 14 East, Gila and Salt River Meridian, in the State of Arizona, executed by Travis L. Gant, Mineral Surveyor, under order dated September 15, 1971, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

<i>Joe T. Fallon</i> (Authorized Signature)	State Director (Title)
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CERTIFICATE OF TRANSCRIPT

I HEREBY CERTIFY That the foregoing transcript of field notes of the above described mineral survey number is a true copy of the original field notes.

(Authorized Signature)	(Title)
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Title 18, U.S.C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

February 11, 1953

Washington, D.C.

Mr. J. Edgar Hoover, Director, Federal Bureau of Investigation, Washington, D.C.

Re: [Illegible] (NY 100-100000) (NY 100-100000) (NY 100-100000)

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