Form 3400-11 (September 1967) (formerly 4-683)

2

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### FIELD NOTES

Mineral Survey number
4710 A and B
State
Arizona
Land District
Arizona

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

Inspiration Consolidated Copper Company c/o G. Henry Ladendorff, Attorney at Law Suite 716 Arizona Bank Bldg., Phoenix, Arizona 85003

Known as the (name of group, if any)

	DAT	E
NAME OF LOCATION	LOCATED	AMENDE
O'Brien No. 1	7/30/68	
O'BRIEN No. 2	8/25/53	
PACKARD NO. 1	1/25/22	4/3/34
BLACK HAWK	11/20/25	4/3/34
O'BRIEN No. 3	8/25/53	
O'BRIEN No. 4	8/25/53	
Xmas 1	1/17/72	
Xmas 2	1/17/72	
Xmas 3	1/17/72	
Xmas 4	1/17/72	
Xmas 5	1/17/72	
Xmas 6	1/17/72	
Xmas 7	1/17/72	
Xmas 8	1/17/72	
Xmas 9	1/17/72	
Xmas 10	1/17/72	
Xmas 11	1/17/72	
Xmas 12	1/17/72	
Xmas 14	1/17/72	
Xmas 15	1/17/72	
Xmas 16	1/17/72	
Xmas 17	1/17/72	
Xmas 18 (Continued on page 2)	1/18/72	

Mining district		County	
Banner		Gila	
Sections (Uns.) Township 20, 29 & 30 4 South	Range 16 East	Meridian Gila & Salt River	Survey under order dated March 6, 1972
Survey commencedSurvey completedApril 12, 1972July 12, 1972		Name of Mineral Surveyo Travis L. Gant	or
			GPO 837-841



# DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## FIELD NOTES

Mineral Survey number

Page 2 of 2

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS		
NAM	E OF LOCATION DA LOCATED	TE AMENDED
- Xmas 19	1/18/72	
Xmas 20	1/18/72	
Xmas 21	1/18/72	
Xmas 22	. 1/18/72	
Xmas 23	1/17/72	
Xmas 24	1/17/72 .	
Xmas 25	1/18/72	
Xmas 26	. 1/18/72	
Xmas 27	1/18/72	
Xmas 28	. 1/18/72	
Xmas 29	1/18/72	
- Xmas 30	1/18/72	
Xmas 31	1/18/72	
Xmas 32	1/18/72	
Xmas 33	. 1/18/72	
Xmas 34	. 1/18/72	
Xmas 35	1/18/72	
Xmas 36	1/18/72	
Xmas 38	1/13/72	
Xmas 39	1/13/72	
Xmas 40	1/13/72	
Xmas 41	1/13/72	
Xmas 42	1/13/72	
Xmas 43	1/13/72	
Xmas 44	. 1/13/72	
Xmas 45	1/13/72	



SURVEY NO. 4710 A & B FEET This survey was made with a W. & L. E. Gurley transit, No. 57289, equipped with horizontal limb 6<sup>1</sup>/<sub>2</sub> 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 for 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 of 0.01 feet plus the distance measured divided by 100,000 in the normal operating temperature range. In all instances wherein the distance meter was used, vertical angles were measured with a Kern theodolite, Model DKM 2 AE, Ser. No. 145997, with automatic vertical indexing and 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 adjustment 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: June 30, 1972, at Cor. No. 1 of the PACKARD NO. 1 lode, in latitude 33° 03' 47" N., and longitude 110° 43' 49" W., as determined by scaling from U.S.G.S. quadrangle CHRISTMAS, dated 1971, 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 1360 feet southwesterly clockwise to the sun. Mean time of observation, 105th meridian, standard time = 8:42 a.m. Declination of sun at mean time of observation = 23° 08' 40" N. Mean observed vertical angle to sun's center, corrected for = 40° 00' 00" refraction and parallax Mean horizontal angle from reference point to sun's center, turned clockwise and to the = 261° 24' 13" right to sun's center True bearing to reference point = S. 4° 48' 44" W.

#### SURVEY NO. 4710 A & B

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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 gradu

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 100.00 ft. tape, and found to be precise and accurate.

All lines and connections of this survey were run by direct methods except as hereinafter described.

The magnetic declination observed at each corner of the survey gave a uniform value of 13° 45' 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 every 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. 4710 A

#### O'Brien No. 1 Lode

At Cor. No. 1 of the O'Brien No. 1 lode, on line 1-2 of the BLACK HAWK lode of this survey.

Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. OB 1-1-4710A; from which

> The cor. of secs. 19, 20, 29 and 30, T. 4 S., R. 16 E., G.&S.R.M., bears N. 28° 16' 14" W., 1432.95 ft. dist., an iron post 2 ins. diam., 12 ins. above ground, firmly set, with U.S.G.L.O. brass cap marked as described in the official record.

> > Thence S. 31° 15' 50" W.

> SURVEY NO. 4710 A 3. FEET 252.33 Intersect Cor. No. 4 Sur. No. 2175 Kearsarge lode, identical with Cor. No. 3 Sur. No. 2175 Iron Cap lode. Lode line; discovery point bears S. 80° 55' 45" 284 E., 85 ft. dist. 584.00 Cor. No. 2, identical with Cor. No. 1 of the O'BRIEN No. 2 lode of this survey, Cor. No. 3 Sur. No. 1763 Christmas lode, and Cor. No. 2 Sur. No. 2175 Iron Cap lode. I find a scribed malpais stone, firmly set, projecting 12 ins. above ground, mkd. on south face 2 - 1763 and mkd. on north face IC-2-2175; the exact corner being marked with an "X" on top of the stone. Into the center of the "X" I bore a hole with star-drill and grout into the hole a brass tablet 2 ins. diam. 2<sup>1</sup>/<sub>2</sub> ins. stem, with disc surface mkd. OB 1-2-4710A, OB 2-1-4710A, C-3-1763, and IC-2-2175. Thence S. 80° 53' 36" E. 1,498.41 Cor. No. 3, identical with Cor. No. 2 of the O'BRIEN No. 2 lode and Cor. No. 5 of the Xmas 11 mill site of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. OB 1-3-4710A, OB 2-2-4710A, and XMAS 11-5-4710B. Thence N. 31° 15' 50" E. 300.95 Intersect lines 1-2 of the Xmas 11 and Xmas 1 mill sites of this survey. 301 Lode line; discovery point bears N. 80° 55' 45" W., 1413.78 ft. dist. 602.00 Cor. No. 4. Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. in the ground, with brass cap mkd. OB 1-4-4710A. Thence N. 81° 31' 40" W. Intersect line 4-1 of the Xmas 1 mill site and 72.28 line 2-3 of the O'BRIEN No. 4 lode of this survey. Intersect Cor. No. 1 of the Xmas 12 mill site, 127.29 on line 3-4 of the O'BRIEN No. 4 lode of this survey, hereinafter described. 517.29 Intersect line 2-3 of the BLACK HAWK lode of this survey.

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	SURVEY NO. 4710 A 4.
FEET	
778.50	Intersect Cor. No. 3 of the Xmas 12 mill site of this survey, hereinafter described.
1,180	Road, bears N. 35° E. and S. 35° W.
1,503.35	Intersect line 3-4 Sur. No. 2175 Kearsarge lode at a point from which Cor. No. 4, identical with Cor. No. 3 Sur. No. 2175 Iron Cap lode, bears S. 31° 40' 10" W., 253.09 ft. dist.
1 505 20	Cor. No. 1, and place of beginning.
1,505.29	cor. No. 1, and prace of beginning.
	O'BRIEN No. 2 Lode
	Beginning at Cor. No. 1 of the O'BRIEN No. 2 lode, identical with Cor. No. 2 of the O'Brien No. 1 lode of this survey, Cor. No. 3 Sur. No. 1763 Christmas lode, and Cor. No. 2 Sur. No. 2175 Iron Cap lode, previously described; from which
	The Cor. of secs. 19, 20, 29, and 30, bears N. 12° 02' 20" W., 1800.83 ft. dist., previously described.
	Thence S. 80° 53' 36' E.
1,498.41	Cor. No. 2, identical with Cor. No. 3 of the O'Brien No. 1 lode and Cor. No. 5 of the Xmas 11 mill site of this survey.
	Thence S. 12° 08' 36" W.
299.67	Lode line; discovery point bears N. 80° 35' 00" W., 1063 ft. dist.
320	Toe of slope of ore stockpile; toe curves southeasterly and westerly.
599.67	The true point for Cor. No. 3, identical with Cor. No. 4 of the Xmas 11 mill site and Cor. No. 3 of the Xmas 16 mill site of this survey.
	This corner falls in the unconsolidated slope of the ore stockpile where a monument cannot be set.
	Thence N. 80° 35' 00" W.
402.00	Intersect the true point for Cor. No. 4 of the Xmas 16 mill site and Cor. No. 3 of the Xmas 15 mill site of this survey, hereinafter described.
932.56	Intersect the true point for Cors. Nos. 2 of the Xmas 15 and Xmas 14 mill sites of this survey, hereinafter described.

····		SURVEY NO. 4710 A 5.
	FEET	
	1,239.80	Intersect the true point for Cor. No. 3 of the Xmas 14 mill site, hereinafter described, established on line 3-4 Sur. No. 2175 Contact lode at a point from which Cor. No. 4 bears N. 12° 01' 36" E., 23.07 ft. dist.
	1,498.00	The true point for Cor. No. 4, identical with Cor. No. 2 Sur. No. 1763 Christmas lode, on lin 3-4 Sur. No. 2175 Cannon Ball lode and line 4-1 Sur. No. 2175 Contact lode.
		This corner falls in the unconsolidated slope of the ore stockpile where a monument cannot be set; from which
		Cor. No. 4 Sur. No. 2175 Contact lode bears S. 85° 39' 50" E., 260.28 ft. dist.
		Cor. No. 3 Sur. No. 2175 Cannon Ball lode bears S. 12° 08' 36" W., 524.06 ft. dist.
		Thence N. 12° 08' 36" E.
	80.00	Intersect the true point for Cor. No. 4 Sur. No. 2175 Cannon Ball lode.
а ал 1991	233	Toe of slope of ore stockpile; toe bears N. 50° E., and S. 50° W.
11	300	Lode line; discovery point bears S. 80° 35' 00" E., 435 ft. dist.
	591.55	Cor. No. 1, and place of beginning.
		PACKARD NO. 1 Lode
i i		At Cor. No. 1 of the PACKARD NO. 1 lode.
		Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. PACK 1-1-4710A; from which
		The cor. of secs. 20, 21, 28 and 29, T. 4 S., R. 16 E., G.&S.R.M., bears S. 76° 06' 09" E., 1725.07 ft. dist.;an iron post 2 ins. diam., 12 ins. above ground, firmly set, with U.S.G.L.O. brass cap marked as described in the official record.
		Thence S. 10° 18' 06" E.
8.0	300	Lode line; discovery point bears S. 70° 57' 54" W., 750 ft. dist.
1	312	Center of Copper Gulch, 20 ft. wide, course N. 80° E.
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SURVEY	NO	4710

FEET	
380	Centerline of Entrance Road to Christmas Mine, 18 ft. wide, bears N. 85° E. and S. 85° W.
588.93	Intersect line 1-2 of the O'BRIEN No. 3 lode of this survey.
590	Center of local drainage, 12 ft. wide, course N. 70° E.
600.00	Cor. No. 2.
	Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. in the ground, with brass cap mkd. PACK 1-2-4710A.
4.4	Thence S. 70° 57' 54" W.
26	Center of local drainage, 12 ft. wide, course N. 60° E.
935	Crest of ridge, bears N. 20° E. and S. 20° W.
1,496.35	Cor. No. 3, identical with Cor. No. 4 of the BLACK HAWK lode of this survey, and Cor. No. 6 Sur. No. 2175 Delaware lode.
	The original granite stone marking Cor. No. 6 Sur. No. 2175 Delaware lode has been lost due to erosion. I restore the position of this corner from two bearing rocks which are still in place; set an iron post, 2 ft. long, 1 ins. diam., 16 ins. in the ground, with brass cap mkd. PACK 1-3-4710A, and BH-4-4710A, and DELA-6-2175.
	Thence N. 10° 18' 06" W.
195	Road; bears N. 20° E. and S. 20° W.
300	Lode line; discovery point bears N. 70° 57' 54" E., 746.35 ft. dist.
307	Center of gulch, 10 ft. wide, course N. 65° E.
344.69	Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.
599.49	Cor. No. 4, identical with Cor. No. 5 Sur. No. 2175 Delaware lode and Cor. No. 2 Sur. No. 2175 New York lode.
	The original granite stone marking Cor. No. 5 and Cor. No. 2 has been lost along with all reference monuments; therefore I re-establish the position for said cors. by calculation, employing the procedure given for the restor- ation of angle points of nonriparian meander lines, Sec. 380 of the 1947 Edition of the Manual of Surveying Instructions, using Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 Sur. No. 2175 Uranus lode as the controlling end points of the broken boundary. Refer to Traverse 'B', hereinafter described.

	SURVEY NO. 4710 A
FEET	
	Set an iron post, 2 ft. long, l ins. diam., 17 ins. in the ground, with brass cap mkd. PACK 1-4-4710A, DELA-5-2175, and NY-2-2175; from which
	Cor. No. 3 Sur. No. 2175 New York lode bears N. 85° 12' 15" E., 85.53 ft. dist.
	Thence N. 70° 56' 44" E.
95.07	Intersect line 3-4 Sur. No. 2175 New York lode at a point from which Cor. No. 3 bears S. 10° 58' 08" W., 24.33 ft. dist.
192	Centerline of Entrance Road to Christmas Mine, 20 ft. wide, bears N. 49° W. and S. 60° E.
425	Centerline of Entrance Road to Christmas Mine, 20 ft. wide, bears S. 40° W. and N. 40° E.
673	Centerline of Entrance Road to Christmas Mine, 18 ft. wide, bears S. 88° W. and S. 85° E.
810	Center of gulch, 15 ft. wide, course N. 60° E.
960	Center of Copper Gulch, 20 ft. wide, course East.
1,496.43	Cor. No. 1, and place of beginning.
	BLACK HAWK Lode
	At the true point for Cor. No. 1 of the BLACK HAWK lode, identical with Cor. No. 1 Sur. No.

2175 Delaware lode and Cor. No. 4 Sur. No. 2175 Harrisburg lode, on line 2-3 Sur. No. 2175 Kearsarge lode.

This corner falls on the face of a cliff and is inaccessible for monumentation; the same condition pertained at the time of the exe-cution of Sur. No. 2175, a witness cor. having been established on line 1-2 Sur. No. 2175 Delaware lode and on line 3-4 Sur. No. 2175 Harrisburg lode. I restore the witness cor. from a found bearing rock, and from thence calculate the position of the true point for the required corners; from which

The cor. of secs. 19, 20, 29, and 30 bears N. 31° 37' 42" W., 1190.06 ft. dist., previously described.

The true point for Cor. No. 3 Sur. No. 2175 Kearsarge lode bears N. 79° 00' 24" E., 243.22 ft. dist.

Thence S. 12° 23' 04" E.

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SURVEY NO. 4710 A

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<ul> <li>Genter of gulch, 10 ft. wide, course N. 80° E.</li> <li>139.14 A point selected for witness Cor. No. 1, identical with witness Cor. No. 1 Sur. No. 2175 Barrisburg lode.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. Wc. 9EL-4710A. DELA-12715, and H-4-2175.</li> <li>254.65 Intersect Cor. No. 1 of the O'Brien No. 1 lode of this survey.</li> <li>257.22 Intersect line 3-4 Sur. No. 2175 Kearsarge lode at a point from which Cor. No. 3 bears N. 31° 40' 10" E., 349.69 ft. dist.</li> <li>300 Lode Line; discovery point bears N. 78° 00' 48" E.</li> <li>301 Lode Line; discovery point bears N. 78° 00' 48" E., 1290.89 ft. dist.</li> <li>302 Cor. No. 2.</li> <li>303 Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. in the ground, with brass cap mkd. BR-2-4710A.</li> <li>304 Diresect Line 4-1 of the O'Brien No. 1 lode as urvey.</li> <li>305 Or. No. 3.</li> <li>305 Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. 94 of the O'BRIEN No. 4 lode of this survey.</li> <li>306 Intersect Line 1-2 of the Xmas 12 mill site and line 3-4 of the O'BRIEN No. 4 lode of this survey.</li> <li>300 Lode Line; discovery point bears S. 78° 00' 48" K.</li> <li>300 Bears in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300 Cor. No. 3.</li> <li>301 Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>302 Cor. No. 3.</li> <li>303 Intersect Line 4-1 of the O'BRIEN No. 4 lode of this survey.</li> <li>304 Cor. No. 4.</li> <li>305 Gor. No. 3.</li> <li>306 Cor. No. 4. identical with Cor. No. 5 of the No. 2175 Delaware lode and Cor. No. 3 of the NO. 2175 Delaware lode and Cor. No. 3 of the NO. 2175 Delaware lode and Cor. No. 3 of the NO. 2175 Delaware lode and Cor. No. 3 of the Survey.</li> <li>307 Marces Line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>				
<ul> <li>139.14 A point selected for witness Cor. No. 1, identical with witness Cor. No. 4 Sur. No. 2175 Belaware lode and witness Cor. No. 4 Sur. No. 2175 network of the original set of the set of</li></ul>		FEET		
<ul> <li>identical with witness Cor. No. 1 Sur. No. 2175 Delaware lode and witness Cor. No. 4 Sur. No. 2175 Harrisburg lode.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. WC - BH-1-4710A, DELA-1-2175, and H-4-2175.</li> <li>254.65 Intersect Cor. No. 1 of the O'Brien No. 1 lode of this survey.</li> <li>257.22 Intersect line 3-4 Sur. No. 2175 Kearsarge lode at a point from which Cor. No. 3 bears N. 31° 40' 10" E., 349.69 ft. dist.</li> <li>300 Lode line; discovery point bears N. 78° 00' 48" E., 1290.89 ft. dist.</li> <li>600.00 Cor. No. 2.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. in the ground, with brass cap mkd. BH-2-4710A.</li> <li>923.29 Intersect line 4-1 of the O'Brien No. 1 lode and line 3-1 of the Xmas 12 mill site of this survey.</li> <li>1,290.16 Intersect line 1-2 of the Xmas 12 mill site and line 3-4 of the O'BRIEN No. 4 lode of this survey.</li> <li>1,490.89 Cor. No. 3.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300 Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the O'BRIEN No. 4 lode and line 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00</li> <li>607. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>600.00</li> <li>607. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>603.00</li> <li>607. No. 4, identical with Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>603.00</li> <li>607. No. 4, identical with Cor. No. 3 of the PACKARD NO. 2 lode of this survey.</li> <li>603.00</li> <li>607. No. 4, identical with Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> </ul>		65	Center of gulch, 10 ft. wide, course N. 80° E.	
<ul> <li>17 ins. in the ground, with brass cap mkd. WC - BH-1-4710A, DELA-1-2175, and H-4-2175.</li> <li>254.65 Intersect Cor. No. 1 of the O'Brien No. 1 lode of this survey.</li> <li>257.22 Intersect 1 ine 3-4 Sur. No. 2175 Kearsarge lode at a point from which Cor. No. 3 bears N. 31° 40' 10" E., 349.69 ft. dist.</li> <li>300 Lode I ine; discovery point bears N. 78° 00' 48" E., 1290.89 ft. dist.</li> <li>600.00 Cor. No. 2.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. ht the ground, with brass cap mkd. BH-2-4710A.</li> <li>710 Theresect line 4-1 of the O'Brien No. 1 lode and line 3-1 of the Xmas 12 mill site of this survey.</li> <li>1,290.16 Intersect line 1-2 of the Xmas 12 mill site and line 3-4 of the O'BRIEN No. 4 lode of this survey.</li> <li>1,490.89 Cor. No. 3.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300 Lode I ine; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PAKARD NO. 1 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PAKARD NO. 1 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PAKARD NO. 1 lode of this survey.</li> <li>600.00 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> <li>601.00 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>		139.14	identical with witness Cor. No. 1 Sur. No. 2175 Delaware lode and witness Cor. No. 4	-
<ul> <li>of this survey.</li> <li>257.22 Intersect line 3-4 Sur. No. 2175 Kearsarge lode at a point from which Cor. No. 3 bears N. 31° 40' 10" E., 349.69 ft. dist.</li> <li>300 Lode line; discovery point bears N. 78° 00' 48" E., 1290.89 ft. dist.</li> <li>600.00 Cor. No. 2.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. in the ground, with brass cap mkd. BH-2-4710A.</li> <li>923.29 Intersect line 4-1 of the O'Brien No. 1 lode and line 3-1 of the Xmas 12 mill site of this survey.</li> <li>1,290.16 Intersect line 1-2 of the Xmas 12 mill site and line 3-4 of the 0'BRIEN No. 4 lode of this survey.</li> <li>1,490.89 Cor. No. 3.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300 Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the 0'BRIEN No. 4 lode and 11ne 3-4 of the 0'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>130.84 Intersect line 2-3 of the 0'BRIEN No. 3 lode of this survey.</li> </ul>		· · · · · · · · · · · · · · · · · · ·	17 ins. in the ground, with brass cap mkd.	
<ul> <li>lode at a point from which Cor. No. 3 bears N. 31° 40' 10" E., 349.69 ft. dist.</li> <li>lode line; discovery point bears N. 78° 00' 48" E., 1290.89 ft. dist.</li> <li>600.00 Cor. No. 2.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. in the ground, with brass cap mkd. BH-2-4710A.</li> <li>P23.29 Intersect line 4-1 of the 0'Brien No. 1 lode and line 3-1 of the Xmas 12 mill site of this survey.</li> <li>1,290.16 Intersect line 1-2 of the Xmas 12 mill site and line 3-4 of the 0'BRIEN No. 4 lode of this survey.</li> <li>1,490.89 Cor. No. 3.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300 Lode line; discovery point bears S. 78° 00' 48" W.</li> <li>300 Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the 0'BRIEN No. 4 lode and line 3-4 of the 0'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>130.84 Intersect line 2-3 of the 0'BRIEN No. 3 lode of this survey.</li> </ul>		254.65		
<ul> <li>48" E., 1290.89 ft. dist.</li> <li>600.00</li> <li>Cor. No. 2.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. in the ground, with brass cap mkd. BH-2-4710A.</li> <li>P23.29</li> <li>Intersect line 4-1 of the O'Brien No. 1 lode and line 3-1 of the Xmas 12 mill site of this survey.</li> <li>1,290.16</li> <li>Intersect line 1-2 of the Xmas 12 mill site and line 3-4 of the O'BRIEN No. 4 lode of this survey.</li> <li>1,490.89</li> <li>Cor. No. 3.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300</li> <li>Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78</li> <li>Intersect line 4-1 of the O'BRIEN No. 4 lode and line 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00</li> <li>Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD No. 1 lode of this survey.</li> <li>130.84</li> <li>Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>		257.22	lode at a point from which Cor. No. 3 bears	
<ul> <li>Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. in the ground, with brass cap mkd. BH-2-4710A.</li> <li>P23.29 Intersect line 4-1 of the O'Brien No. 1 lode and line 3-1 of the Xmas 12 mill site of this survey.</li> <li>1,290.16 Intersect line 1-2 of the Xmas 12 mill site and 1 ine 3-4 of the O'BRIEN No. 4 lode of this survey.</li> <li>1,490.89 Cor. No. 3.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300 Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the O'BRIEN No. 4 lode and 1 ine 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>		300	Lode line; discovery point bears N. 78° 00' 48" E., 1290.89 ft. dist.	
<ul> <li>16 ins. in the ground, with brass cap mkd. BH-2-4710A.</li> <li>Thence N. 78° 00' 48" E.</li> <li>923.29 Intersect line 4-1 of the O'Brien No. 1 lode and line 3-1 of the Xmas 12 mill site of this survey.</li> <li>1,290.16 Intersect line 1-2 of the Xmas 12 mill site and line 3-4 of the O'BRIEN No. 4 lode of this survey.</li> <li>1,490.89 Cor. No. 3.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300 Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the O'BRIEN No. 4 lode and line 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>		600.00	Cor. No. 2.	
<ul> <li>923.29 Intersect line 4-1 of the O'Brien No. 1 lode and line 3-1 of the Xmas 12 mill site of this survey.</li> <li>1,290.16 Intersect line 1-2 of the Xmas 12 mill site and line 3-4 of the O'BRIEN No. 4 lode of this survey.</li> <li>1,490.89 Cor. No. 3.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300 Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the O'BRIEN No. 4 lode and line 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>			16 ins. in the ground, with brass cap mkd.	
<ul> <li>and line 3-1 of the Xmas 12 mill site of this survey.</li> <li>1,290.16 Intersect line 1-2 of the Xmas 12 mill site and line 3-4 of the 0'BRIEN No. 4 lode of this survey.</li> <li>1,490.89 Cor. No. 3.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300 Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the O'BRIEN No. 4 lode and line 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD No. 1 lode of this survey.</li> <li>130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>			Thence N. 78° 00' 48" E.	(1)
<ul> <li>and line 3-4 of the O'BRIEN No. 4 lode of this survey.</li> <li>1,490.89</li> <li>Cor. No. 3.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>Thence N. 12° 23' 04" W.</li> <li>300</li> <li>Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78</li> <li>Intersect line 4-1 of the O'BRIEN No. 4 lode and line 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00</li> <li>Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>130.84</li> <li>Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>		923.29	and line 3-1 of the Xmas 12 mill site of this	
<ul> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>300 Icde line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the O'BRIEN No. 4 lode and line 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>		1,290.16	and line 3-4 of the O'BRIEN No. 4 lode of	
<ul> <li>18 ins. in the ground, with brass cap mkd. BH-3-4710A.</li> <li>Thence N. 12° 23' 04" W.</li> <li>300 Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the O'BRIEN No. 4 lode and line 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>		1,490.89	Cor. No. 3.	
<ul> <li>300 Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the O'BRIEN No. 4 lode and line 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>			18 ins. in the ground, with brass cap mkd.	
<ul> <li>48" W., 200 ft. dist.</li> <li>423.78 Intersect line 4-1 of the O'BRIEN No. 4 lode and line 3-4 of the O'BRIEN No. 3 lode of this survey.</li> <li>600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey.</li> <li>Thence S. 78° 00' 48" W.</li> <li>130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.</li> </ul>		estis and .	Thence N. 12° 23' 04" W.	
and line 3-4 of the O'BRIEN No. 3 lode of this survey. 600.00 Cor. No. 4, identical with Cor. No. 6 Sur. No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey. Thence S. 78° 00' 48" W. 130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.		300	Lode line; discovery point bears S. 78° 00' 48" W., 200 ft. dist.	
No. 2175 Delaware lode and Cor. No. 3 of the PACKARD NO. 1 lode of this survey. Thence S. 78° 00' 48" W. 130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.		423.78	and line 3-4 of the O'BRIEN No. 3 lode of	
130.84 Intersect line 2-3 of the O'BRIEN No. 3 lode of this survey.		600.00	No. 2175 Delaware lode and Cor. No. 3 of the	
of this survey.		_	Thence S. 78° 00' 48" W.	
GPO 839-785		130.84		
G PO 839-785				
	5		GPO	839•785

SURVEY NO. 4710 A 9. FEET 150 Road; bears N. 60° E. and S. 75° W. 545 Center of gulch, 12 ft. wide, course N. 72° E. Cor. No. 1, and place of beginning. 1,490.89 O'BRIEN No. 3 Lode At Cor. No. 1 of the O'BRIEN No. 3 lode. Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. OB 3-1-4710A; from which The cor. of secs. 20, 21, 28 and 29, bears N. 83° 56' 40" E., 1544.96 ft. dist. previously described. Thence S. 86° 19' 51" W. 30 Center of local drainage, 10 ft. wide, course N. 72° E. 32.98 Intersect line 1-2 of the PACKARD NO. 1 lode of this survey. 770 Crest of sharp ridge, bears N. 70° E. and S. 60° W. 1,166 Center of gulch, 14 ft. wide, course N. 50° E. 1,269 Road; bears N. 60° E. and S. 60° W. 1,498.22 Cor. No. 2. Set an iron post, 2 ft. long, 1 ins. diam,, 17 ins. in the ground, with brass cap mkd. OB 3-2-4710A. Thence S. 10° 16' W. 67.10 Intersect line 3-4 of the PACKARD NO. 1 lode of this survey, and line 5-6 Sur. No. 2175 Delaware lode at a point from which Cors. Nos. 3 and 6, identical with Cor. No. 4 of the BLACK HAWK lode of this survey, bear S. 10° 18' 06" E., 344.69 ft. dist. 112 Center of gulch, 12 ft. wide, course N. 60° E. -11 300 Lode line; discovery point bears N. 86° 08' 28" E., 1199.46 ft. dist. 422 Road; bears N. 35° E. and S. 45° W. 439.37 Intersect line 4-1 of the BLACK HAWK lode of this survey and line 6-1 Sur. No. 2175 Delaware lode at a point from which Cors. Nos. 4 and 6, identical with Cor. No. 3 of the PACKARD NO. 1 lode of this survey, bear N. 78° 00' 48" E., 130.84 ft. dist.

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11

SURVEY NO. 4710 A

10.

FEET	
600.00	Cor. No. 3, identical with Cor. No. 4 of the O'BRIEN No. 4 lode of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. OB 3-3-4710A and OB 4-4-4710A; from which
	Cor. No. 6 Sur. No. 2175 Delaware lode, identical with Cor. No. 3 of the PACKARD NO. 1 lode and Cor. No. 4 of the BLACK HAWK lode of this survey, bears N. 40° 13' E., 242.57 ft. dist.
	Thence N. 86° 08' 28" E.
194.86	Intersect line 3-4 of the BLACK HAWK lode of this survey.
481	Crest of sharp ridge, bears N. 55° E. and S. 55° W.
967	Center of local drainage, 10 ft. wide, course N. 5° E.
1,210	Road; bears N. 45° E. and S. 45° W.
1,499.46	Cor. No. 4, identical with Cor. No. 1 of the O'BRIEN No. 4 lode of this survey
	Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, w <b>ith</b> brass cap mkd. OB 3-4-47010A and OB 4-1-4710A.
	Thence N. 10° 16' E.
300	Lode line; discovery point bears S. 86° 08' 28" W., 300 ft. dist.
339	Road; bears N. 60° E. and S. 60° W.
594.88	Cor. No. 1, and place of beginning.
	O'BRIEN No. 4 Lode
	Beginning at Cor. No. 1 of the O'BRIEN No. 4 lode, identical with Cor. No. 4 of the O'BRIEN No. 3 lode of this survey; from which
	The cor. of secs. 20, 21, 28 and 29 bears N. 65° 30' 13" E., 1804.82 ft. dist., previously described.
	Thence S. 11° 22' E.
300.17	Lode line; discovery point bears S. 86° 10' W., 1099.55 ft. dist.

ber 1967	)	SURVEY NO. 4710 A 11.
	FEET	
	600.17	Cor. No. 2, identical with Cor. No. 4 of the Xmas 3 mill site of this survey.
		Set an iron post, 2 ft. long, l ins. diam., 17 ins. in the ground, with brass cap mkd. OB 4-2-4710A and XMAS 3-4-4710B.
		Thence S. 86° 10' W.
	40	Road; bears N. 22° W. and S. 22° E.
	148	Center of local drainage, 8 ft. wide, course N. 10° W.
	425.00	Intersect Cors. Nos. 1 of the Xmas 2 and Xmas 3 mill sites of this survey, hereinafter described.
	935.29	Intersect Cors. Nos. 4 of the Xmas 2 and Xmas l mill sites of this survey, hereinafter described.
	1,447.36	Intersect line 4-1 of the O'Brien No. 1 lode of this survey.
	1,499.55	Cor. No. 3, identical with Cors. Nos. 1 of the Xmas 1 and Xmas 11 mill sites of this survey.
		Set an iron post, 2 ft. long, l ins. diam., 17 ins. in the ground, with brass cap mkd. OB 4-3-4710A, XMAS 1-1-4710B, and XMAS 11-1- 4710B.
		Thence N. 11° 22' W.
	11.82	Intersect Cor. No. 1 of the Xmas 12 mill site, established on line 4-1 of the O'Brien No. 1 lode of this survey, hereinafter described.
	148.15	Intersect line 2-3 of the BLACK HAWK lode of this survey.
-	210.00	Intersect Cor. No. 2 of the Xmas 12 mill site of this survey, hereinafter described.
	300	Lode line; discovery point bears N. 86° 10' E., 400 ft. dist.
	599.50	Cor. No. 4, identical with Cor. No. 3 of the O'BRIEN No. 3 lode of this survey.
	1	Thence N. 86° 08' 28" E.
	194.86	Intersect line 3-4 of the BLACK HAWK lode of this survey.
	481	Crest of sharp ridge, bears N. 55° E. and S. 55° W.
	967	Center of local drainage, 10 ft. wide, course N. 5° E.
	1,210	Road; bears N. 45° E. and S. 45° W.

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14

	SURVEY NO. 4710 A 12.
FEET	
1,499.46	Cor. No. 1, and place of beginning.
	SURVEY NO. 4710 B
	Xmas l Mill Site
	Beginning at Cor. No. 1 of the Xmas 1 mill site, identical with Cor. No. 1 of the Xmas 11 mill site and Cor. No. 3 of the O'BRIEN No. 4 lode of this survey; from which
	The cor. of secs. 19, 20, 29, and 30 bears N. 54° 09' 16" W., 2521.58 ft. dist., previously described.
	Thence S. 7° 02' 30" W.
266.50	Intersect line 3-4 of the O'Brien No. 1 lode of this survey.
297.75	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 4 and Xmas 11 mill sites of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 1-2, XMAS 4-2, and XMAS 11-2-4710B.
	Thence EAST
599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 2, Xmas 5, and Xmas 4 mill sites of this survey.
	Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 1-3, XMAS 2-3, XMAS 5-3, and XMAS 4-3- 4710B.
	Thence NORTH
333.22	Cor. No. 4, identical with Cor. No. 4 of the Xmas 2 mill site, established on line 2-3 of the O'BRIEN No. 4 lode of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 1-4, and XMAS 2-4-4710B.
	Thence S. 86° 10' W.
512.07	Intersect line 4-1 of the O'Brien No. 1 lode of this survey.
564.26	Cor. No. 1, and place of beginning.
12576	

	SURVEY NO. 4710 B 13.
FEET	
	Xmas 2 Mill Site
	At Cor. No. 1 of the Xmas 2 mill site, identical with Cor. No. 1 of the Xmas 3 mill site, esta- blished on line 2-3 of the O'BRIEN No. 4 lode of this survey.
	Set and iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. XMAS 2-1, and XMAS 3-1-4710B; from which
	The cor. of secs. 20, 21, 28, and 29 bears N. 54° 58' 46" E., 2378.82 ft. dist., previously described.
	Thence S. 13° 49' 07" E.
378.29	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 3, Xmas 6, and Xmas 5 mill sites of this survey.
	Set and iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 2-3, XMAS 3-2, XMAS 6-2, and XMAS 5-2- 4710B.
	Thence WEST
599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 5, Xmas 4, and Xmas 1 mill sites of this survey.
-1 11 mile - 10	Thence NORTH
333.22	Cor. No. 4, identical with Cor. No. 4 of the Xmas 1 mill site, on line 2-3 of the O'BRIEN No. 4 lode of this survey.
30	Thence N. 86° 10' E.
510.29	Cor. No. 1, and place of beginning.
	Xmas 3 Mill Site
te te series Tu estat	Beginning at Cor. No. 1 of the Xmas 3 mill site, identical with Cor. No. 1 of the Xmas 2 mill site, on line 2-3 of the O'BRIEN No. 4 lode of this survey.
	Thence S. 13° 49' 07" E.
378.29	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 6, Xmas 5, and Xmas 2 mill sites of this survey.
	Thence EAST
66	Center of local drainage, 8 ft. wide, course N. 55° E.

<ul> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 7 and Xmas 6 mill sites of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 3-3, XMAS 7-3, and XMAS 6-3-47108.</li> <li>476.73 Thence N. 33° 53' 14" W.</li> <li>476.73 Cor. No. 4, identical with Cor. No. 2 of the O'BRIEN No. 4 lode of this survey. Thence S. 86° 10' W.</li> <li>40 Road; bears N. 22° W. and S. 22° E.</li> <li>148 Center of local drainage, 8 ft. wide, course N. 10° W.</li> <li>425.00 Cor. No. 1, and place of beginning.</li> <li>425.00 Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described.</li> <li>362.50 Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey.</li> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.</li> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.</li> </ul>		SURVEY NO. 4710 B
<ul> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 7 and Xmas 6 mill sites of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 3-3, XMAS 7-3, and XMAS 6-3-4710B. Thence N. 33° 53' 14" W.</li> <li>476.73 Cor. No. 4, identical with Cor. No. 2 of the O'BRIEN No. 4 lode of this survey. Thence S. 86° 10' W.</li> <li>40 Road; bears N. 22° W. and S. 22° E.</li> <li>148 Center of local drainage, 8 ft. wide, course N. 10° W.</li> <li>425.00 Cor. No. 1, and place of beginning.</li> <li>425.00 Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which</li> <li>The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described.</li> <li>Thence EAST</li> <li>599.50 Cor. No. 3, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey.</li> <li>599.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.</li> <li>599.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.</li> <li>599.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 1, Xmas 4, AMAS 4-4, XMAS 4-4, XMAS 4-4, XMAS 4-4, XMAS 10-</li> </ul>	FEET	
Xmas 7 and Xmas 6 mill sites of this survey.Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 3-3, XMAS 7-3, and XMAS 6-3-47108. Thence N. 33° 53' 14" W.476.73Cor. No. 4, identical with Cor. No. 2 of the O'BRIEN No. 4 lode of this survey. Thence S. 86° 10' W.40Road; bears N. 22° W. and S. 22° E.148Center of local drainage, 8 ft. wide, course N. 10° W.425.00Cor. No. 1, and place of beginning.425.00Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.Set an iron post, 2 ft. long, 1 ins. diam., 	263	Road; bears N. 10° E. and S. 10° W.
18 ins. in the ground, with brass cap mkd.         XMAS 3-3, XMAS 7-3, and XMAS 6-3-4710B.         Thence N. 33° 53' 14" W.         476.73         Cor. No. 4, identical with Cor. No. 2 of the O'BRIEN No. 4 lode of this survey.         Thence S. 86° 10' W.         40         Road; bears N. 22° W. and S. 22° E.         148         Center of local drainage, 8 ft. wide, course N. 10° W.         425.00         Cor. No. 1, and place of beginning.         Xmas 4 Mill Site         At Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.         Set an fron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd.         XMAS 4-1, and XMAS 10-1-4710B; from which         The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30' W., 2930.31 ft. dist., previously described.         Thence NORTH         362.50       Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey.         Thence EAST         599.50       Cor. No. 3, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.         362.50       Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.         Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-	599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 7 and Xmas 6 mill sites of this survey.
<ul> <li>476.73</li> <li>Cor. No. 4, identical with Cor. No. 2 of the O'BRIEN No. 4 lode of this survey. Thence S. 86° 10' W.</li> <li>40</li> <li>Road; bears N. 22° W. and S. 22° E.</li> <li>148</li> <li>Center of local drainage, 8 ft. wide, course N. 10° W.</li> <li>425.00</li> <li>Cor. No. 1, and place of beginning.</li> <li>Xmas 4 Mill Site</li> <li>At Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30'' W., 2930.31 ft. dist., previously described.</li> <li>Thence NORTH</li> <li>362.50</li> <li>Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey.</li> <li>Thence EAST</li> <li>599.50</li> <li>Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>	÷.	18 ins. in the ground, with brass cap mkd.
<ul> <li>O'BRIEN No. 4 lode of this survey. Thence S. 86° 10' W.</li> <li>40 Road; bears N. 22° W. and S. 22° E.</li> <li>148 Center of local drainage, 8 ft. wide, course N. 10° W.</li> <li>425.00 Cor. No. 1, and place of beginning.</li> <li>425.00 Cor. No. 1, and place of beginning.</li> <li>425.00 Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described.</li> <li>Thence NORTH</li> <li>362.50 Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey.</li> <li>Thence EAST</li> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> </ul>		Thence N. 33° 53' 14" W.
<ul> <li>40 Road; bears N. 22° W. and S. 22° E.</li> <li>148 Center of local drainage, 8 ft. wide, course N. 10° W.</li> <li>425.00 Cor. No. 1, and place of beginning.</li> <li>445.00 Xmas 4 Mill Site</li> <li>At Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described.</li> <li>362.50 Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey.</li> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>362.50 Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>	476.73	
<ul> <li>148 Center of local drainage, 8 ft. wide, course N. 10° W.</li> <li>425.00 Cor. No. 1, and place of beginning.</li> <li>Xmas 4 Mill Site</li> <li>At Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described.</li> <li>362.50 Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey. Thence EAST</li> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>		Thence S. 86° 10' W.
<ul> <li>N. 10° W.</li> <li>Cor. No. 1, and place of beginning.</li> <li>Xmas 4 Mill Site</li> <li>At Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described.</li> <li>Thence NORTH</li> <li>Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey.</li> <li>Thence EAST</li> <li>599.50</li> <li>Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>	40	Road; bears N. 22° W. and S. 22° E.
Xmas 4 Mill SiteAt Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described.362.50Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey. 	148	
At Cor. No. 1 of the Xmas 4 mill site, identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described. Thence NORTH362.50Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey. Thence EAST599.50Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.362.50Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.362.50Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-	425.00	Cor. No. 1, and place of beginning.
<ul> <li>identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill site of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described. Thence NORTH</li> <li>362.50</li> <li>Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey. Thence EAST</li> <li>599.50</li> <li>Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.</li> <li>362.50</li> <li>Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>		Xmas 4 Mill Site
<ul> <li>18 ins. in the ground, with brass cap mkd. XMAS 4-1, and XMAS 10-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described. Thence NORTH</li> <li>362.50 Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey. Thence EAST</li> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey. Thence SOUTH</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>		identical with Cor. No. 1 of the Xmas 10 mill site, on line 2-3 of the Xmas 11 mill
bears N. 43° 14' 30" W., 2930.31 ft. dist., previously described. Thence NORTH 362.50 Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey. Thence EAST 599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey. Thence SOUTH 362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-		18 ins. in the ground, with brass cap mkd.
<ul> <li>362.50 Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey. Thence EAST</li> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey. Thence SOUTH</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>		bears N. 43° 14' 30" W., 2930.31 ft.
<ul> <li>Xmas 11 and Xmas 1 mill sites of this survey. Thence EAST</li> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey. Thence SOUTH</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>		Thence NORTH
<ul> <li>599.50 Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>	362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 11 and Xmas 1 mill sites of this survey.
<ul> <li>the Xmas 1, Xmas 2, and Xmas 5 mill sites of this survey.</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>		Thence EAST
<ul> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-</li> </ul>	599.50	the Xmas 1, Xmas 2, and Xmas 5 mill sites of
Xmas 5, Xmas 9, and Xmas 10 mill sites of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-		Thence SOUTH
18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-	362.50	
		18 ins. in the ground, with brass cap mkd. XMAS 4-4, XMAS 5-4, XMAS 9-4, and XMAS 10-

FEET	SURVEY NO. 4710 B 15
	Thence WEST
599.50	Cor. No. 1 and place of beginning.
	Xmas 5 Mill Site
	At Cor. No. 1 of the Xmas 5 mill site, identica with Cors. Nos. 1 of the Xmas 6, Xmas 8, Xmas 9 mill sites of this survey.
	Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 5-1, XMAS 6-1, XMAS 8-1, and XMAS 9-1- 4710B; from which
	The cor. of secs. 20, 21, 28, and 29 bears N. 41° 33' 56' E., 2800.05 ft. dist., previously described.
$d = \frac{1}{2}$	Thence NORTH
362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 2, Xmas 3, and Xmas 6 mill sites of this survey.
	Thence WEST
599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 4, Xmas 1, and Xmas 2 mill sites of this survey.
	Thence SOUTH
362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 9, Xmas 10, and Xmas 4 mill sites of this survey.
	Thence EAST
599.50	Cor. No. 1, and place of beginning.
	Xmas 6 Mill Site
	Beginning at Cor. No. 1 of the Xmas 6 mill site, identical with Cors. Nos. 1 of the Xmas 8, Xmas 9, and Xmas 5 mill sites of this survey.
	Thence NORTH
362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 5, Xmas 2, and Xmas 3 mill sites of this survey.
	Thence EAST
66	Center of local drainage, 8 ft. wide, course N. 55° E.

18<sub>80</sub>

	SURVEY NO. 4710 B 16.
FEET	
263	Road; bears N. 10° E. and S. 10° W.
599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 3 and Xmas 7 mill sites of this survey.
	Thence SOUTH
362.50	Cor. No. 4, identical with Cor. No. 4 of the Xmas 8 mill site, on line 3-4 of the Xmas 7 mill site of this survey.
	Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 6-4, and XMAS 8-4-4710B.
	Thence WEST
361	Road; bears N. 15° W. and S. 15° E.
527	Center of local drainage, 8 ft. wide, course NORTH.
599.50	Cor. No. 1, and place of beginning.
	Xmas 7 Mill Site
	At Cor. No. 1 of the Xmas 7 mill site, identi- cal with Cor. No. 1 of the Xmas 20 mill site of this survey.
	Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 7-1-4710B and XMAS 20-1-4710B; from which
	The cor. of secs. 20, 21, 28, and 29 bears N. 21° 18' 10" E., 2637.71 ft. dist., previously described.
	Thence NORTH
536	Center of local drainage, 8 ft. wide, course N. 45° E.
709.38	A point selected for witness Cor. No. 2.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. WC - XMAS 7-2-4710B.
725.00	The true point for Cor. No. 2.
	This corner falls in an arroyo, course S. 70° E., where a permanent monument cannot be established.
paras di	Thence WEST
300.00	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 6 and Xmas 3 mill sites of this survey.

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967)		SURVEY NO. 4710 B	17
	FEET		
		Thence SOUTH	
	362.50	Intersect Cors. Nos. 4 of the Xmas 6 and Xmas 8 mill sites of this survey.	
	454	Center of local drainage, 6 ft. wide, course N. 40° E.	
	725.00	Cor. No. 4, identical with Cor. No. 4 of the Xmas 20 mill site, and Cors. Nos. 3 of the Xmas 19 and Xmas 8 mill sites of this survey.	
		Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 7-4, XMAS 20-4, XMAS 19-3, and XMAS 8-3-4710B.	
		Thence EAST	
	300.00	Cor. No. 1, and place of beginning.	
		Xmas 8 Mill Site	
		Beginning at Cor. No. 1 of the Xmas 8 mill site, identical with Cors. Nos. 1 of the Xmas 9, Xmas 5, and Xmas 6 mill sites of this survey.	
		Thence SOUTH	
	130	Center of local drainage, 8 ft. wide, course N. 30° E.	N
	362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 19, Xmas 18, and Xmas 9 mill sites of this survey.	
		Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 8-2, XMAS 19-2, XMAS 18-2, and XMAS 9-2-4710B.	
		Thence EAST	
	252	Road; bears N. 25° E. and S. 5° E.	
	599.50	Cor. No. 3, identical with Cors. Nos. 4 of the Xmas 7 and Xmas 20 mill sites and Cor. No. 3 of the Xmas 19 mill site of this survey	y.
		Thence NORTH	
	271	Center of local drainage, 6 ft. wide, course N. 40° E.	
	362.50	Cor. No. 4, identical with Cor. No. 4 of the Xmas 6 mill site, on line 3-4 of the Xmas 7 mill site of this survey.	
		Thence WEST	

SURVEY NO. 4710 B

FEET	
361	Road; bears N. 15° W. and S. 15° E.
527	Center of local drainage, 8 ft. wide, course NORTH.
599.50	Cor. No. 1, and place of beginning.
<b>#</b> 5748	Xmas 9 Mill Site
	Beginning at Cor. No. 1 of the Xmas 9 mill site, identical with Cors. Nos. 1 of the Xmas 5, Xmas 6, and Xmas 8 mill sites of this survey.
	Thence SOUTH
130	Center of local drainage, 6 ft. wide, course N. 30° E.
362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 8, Xmas 19, and Xmas 18 mill sites of this survey.
	Thence WEST
78	Center of local drainage, 6 ft. wide, course N. 50° E.
599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 18, Xmas 17, and Xmas 10 mill sites of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 9-3, XMAS 18-3, XMAS 17-3, and XMAS 10-3-4710B.
	Thence NORTH
362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 10, Xmas 4, and Xmas 5 mill sites of this survey.
	Thence EAST
599.50	Cor. No. 1, and place of beginning.
	Xmas 10 Mill Site
	Beginning at Cor. No. 1 of the Xmas 10 mill site, identical with Cor. No. 1 of the Xmas 4 mill site, on line 2-3 of the Xmas 11 mill site of this survey.
	Thence SOUTH

> SURVEY NO. 4710 B 19. FEET Toe of slope of ore stockpile, toe curves 282 northwesterly and southeasterly. The true point for Cor. No. 2, identical with 362.50 Cors. Nos. 2 of the Xmas 17 and Xmas 16 mill sites and Cor. No. 3 of the Xmas 11 mill site of this survey. This corner falls in the unconsolidated slope of the ore stockpile where a monument cannot be set. Thence EAST Toe of ore stockpile; toe curves northwesterly 91 and southeasterly. Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 9, Xmas 18, and Xmas 17 mill sites of 599.50 this survey. Thence NORTH 362.50 Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 4, Xmas 5, and Xmas 9 mill sites of this survey. Thence WEST 599.50 Cor. No. 1, and place of beginning. Xmas 11 Mill Site Beginning at Cor. No. 1 of the Xmas 11 mill site, identical with Cor. No. 1 of the Xmas 1 mill site and Cor. No. 3 of the O'BRIEN No. 4 lode of this survey. Thence S. 7° 02' 30" W. 266.50 Intersect line 3-4 of the O'Brien No. 1 lode of this survey. Cor. No. 2, identical with Cors. Nos. 2 of 297.75 the Xmas 1 and Xmas 4 mill sites of this survey. Thence SOUTH 362.50 Intersect Cors. Nos. 1 of the Xmas 4 and Xmas 10 mill sites of this survey. 644.50 Toe of slope of ore stockpile; toe curves northwesterly and southeasterly. 725.00 The true point for Cor. No. 3, identical with Cors. Nos. 2 of the Xmas 10, Xmas 17, and Xmas 16 mill sites of this survey, previously described.

	SURVEY NO. 4710 B 2
FEET	
	Thence S. 72° 33' 37" W.
291.92	The true point for Cor. No. 4, identical with Cors. Nos. 3 of the O'BRIEN No. 2 lode and Xmas 16 mill site of this survey, previously described.
	Thence N. 12° 08' 36" E.
279.67	Toe of slope of ore stockpile; toe curves southeasterly and westerly.
599.67	Cor. No. 5, identical with Cor. No. 2 of the O'BRIEN No. 2 lode and Cor. No. 3 of the O'Brien No. 1 lode of this survey.
	Thence N. 19° 53' 57" E.
554.87	Cor. No. 1, and place of beginning.
	Xmas 12 Mill Site
	At Cor. No. 1 of the Xmas 12 mill site, established at the intersection of line 4-1 o the O'Brien No. 1 lode and line 3-4 of the O'BRIEN No. 4 lode of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. XMAS 12-1-4710B; from which
	The cor. of secs. 19, 20, 29, and 30 bears N. 54° 20' 16" W., 2512.91 ft. dist., previously described.
	Thence N. 11° 22' W.
136.33	Intersect line 2-3 of the BLACK HAWK lode of this survey.
198.18	Cor. No. 2, established on line 3-4 of the O'BRIEN No. 4 lode of this survey.
	Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 12-2-4710B.
	Thence S. 80° 46' 05" W.
612.98	Cor. No. 3, established on line 4-1 of the O'Brien 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. XMAS 12-3-4710B.
	18 ins. in the ground, with brass cap mkd.
261.21	18 ins. in the ground, with brass cap mkd. XMAS 12-3-4710B.

FEET

21.

	Xmas 14 Mill Site
	At the true point for Cor. No. 1 of the Xmas 14 mill site, identical with Cor. No. 1 of the Xmas 26 mill site, on line 1-2 of the Xmas 25 mill site of this survey.
	This corner falls on the surface of an ore stockpile to which material is constantly being added, precluding the establishment of a permanent monument.
	Set a temporary spike for Cor. No. 1; from which
	The cor. of secs. 19, 20, 29, and 30 bears N. 15° 13' 44" W., 3079.79 ft. dist., previously described.
	Thence NORTH
112.00	Intersect the true point for Cors. Nos. 1 of the Xmas 15 and Xmas 25 mill sites of this survey, hereinafter described.
539.59	The true point for Cor. No. 2, identical with Cor. No. 2 of the Xmas 15 mill site, established on line 3-4 of the O'BRIEN No. 2 lode of this survey.
	This corner falls on the unconsolidated fill slope of an ore stockpile where a monument cannot be established.
	Thence N. 80° 35' 00" W.
307.24	The true point for Cor. No. 3, established at the intersection of line 3-4 of the O'BRIEN No. 2 lode of this survey and line 3-4 Sur. No. 2175 Contact lode.
	This corner falls on the unconsolidated fill slope of an ore stockpile where a monument cannot be established; from which
	Cor. No. 4 Sur. No. 2175 Contact lode bears N. 12° 01' 36" E., 23.07 ft. dist.
	Thence S. 12° 01' 36" W.
603.09	The true point for Cor. No. 4, identical with Cor. No. 4 of the Xmas 26 mill site of this survey, established on line 3-4 Sur. No. 2175 Contact lode.
	This corner falls on the surface of an ore stockpile to which material is constantly being add, precluding the establishment of a permanent monument.

SURVEY NO. 4710 B

22.

FEET	
	Set a temporary spike for Cor. No. 4; from which
	Cor. No. 3 Sur. No. 2175 Contact lode bears S. 12° 01' 36" W., 775.70 ft. dist.
	Thence EAST
428.76	Cor. No. 1, and place of beginning.
	Xmas 15 Mill Site
	At the true point for Cor. No. 1 of the Xmas 15 mill site, identical with Cor. No. 1 of the Xmas 25 mill site, on line 1-2 of the Xmas 14 mill site of this survey.
	This corner falls on the surface of an ore stockpile to which material is constantly being added, precluding the establishment of a permanent monument.
	Set a temporary spike for Cor. No. 1; from which
	The cor. of secs. 19, 20, 29, and 30 bears N. 15° 47' 46" W., 2971.87 ft. dist., previously described.
1.54 2	Thence NORTH
427.59	The true point for Cor. No. 2, identical with Cor. No. 2 of the Xmas 14 mill site, on line 3-4 of the o'BRIEN No. 2 lode of this survey, previously described.
	Thence S. 80° 35' 00" E.
530.56	The true point for Cor. No. 3, identical with Cor. No. 4 of the Xmas 16 mill site, established on line 3-4 of the O'BRIEN No. 2 lode of this survey.
	This corner falls on the unconsolidated fill slope of an ore stockpile where a monument cannot be established.
10 1 1 1 1 4	Thence S. 12° 30' 23" E.
349.06	The true point for Cor. No. 4, identical with Cor. No. 5 of the Xmas 16 mill site, and Cors. Nos. 4 of the Xmas 24 and Xmas 25 mill sites of this survey.

	SURVEY	NO.	4710	В
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23.

	FEET	
		This corner falls on the surface of an ore stockpile to which material is constantly being added, precluding the establishment of a permanent monument.
		Thence WEST
	599.00	Cor. No. 1, and place of beginning.
		Xmas 16 Mill Site
		At Cor. No. 1 of the Xmas 16 mill site, identical with Cors. Nos. 1 of the Xmas 17, Xmas 23, and Xmas 24 mill sites of this survey.
		Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 16-1, XMAS 17-1, XMAS 23-1, and XMAS 24-1-4710B; from which
		The cor. of secs. 19, 20, 29, and 30 bears N. 35° 04' 09" W., 3493.93 ft. dist., previously described.
		Thence NORTH
	191	Leave natural ground, enter fill slope of ore stockpile; contact line between natural ground and fill material bears ENE. and WSW.
	362.50	The true point for Cor. No. 2, identical with Cor. No. 3 of the Xmas 11 mill site and Cors. Nos. 2 of the Xmas 10 and Xmas 17 mill sites of this survey, previously described.
	- 1	Thence S. 72° 33' 37" W.
	291.92	The true point for Cor. No. 3, identical with Cor. No. 4 of the Xmas 11 mill site and Cor. No. 3 of the O'BRIEN No. 2 lode of this survey, previously described.
		Thence N. 80° 35' 00" W.
	402.00	The true point for Cor. No. 4, identical with Cor. No. 3 of the Xmas 15 mill site, on line 3-4 of the O'BRIEN No. 2 lode of this survey, previously described.
		Thence S. 12° 30' 23" E.
	349.06	The true point for Cor. No. 5, identical with Cors. Nos. 4 of the Xmas 24, Xmas 25, and Xmas 15 mill sites of this survey, previously
2		described.
		Thence EAST
	19 <sup>9</sup>	

SURVEY NO. 4710 B

FEET	
274	Leave ore stockpile, enter natural ground; contact line between stockpile and natural ground bears ENE. and WSW.
599.50	Cor. No. 1, and place of beginning.
	Xmas 17 Mill Site
	Beginning at Cor. No. 1 of the Xmas 17 mill site, identical with Cors. Nos. 1 of the Xmas 23, Xmas 24, and Xmas 16 mill sites of this survey.
	Thence NORTH
191	Leave natural ground, enter fill slope of ore stockpile; contact line between natural ground and fill material bears ENE. and WSW.
362.50	The true point for Cor. No. 2, identical with Cor. No. 3 of the Xmas 11 mill site and Cors. Nos. 2 of the Xmas 16 and Xmas 10 mill sites of this survey.
2.11266	Thence EAST
91	Toe of ore stockpile; toe curves northwesterly and southeasterly.
599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 10, Xmas 9, and Xmas 18 mill sites of this survey.
	Thence SOUTH
362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 18, Xmas 22, and Xmas 23 mill sites of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 17-4, XMAS 18-4, XMAS 22-4, and XMAS 23-4- 4710B.
	Thence WEST
599.50	Cor. No. 1, and place of beginning.
	Xmas 18 Mill Site
	At Cor. No. 1 of the Xmas 18 mill site, identical with Cors. Nos. 1 of the Xmas 19, Xmas 21, and Xmas 22 mill sites of this survey.

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	SURVEY NO. 4710 B 2
FEET	
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 1 <b>8-</b> 1, XMAS 19-1, XMAS 21-1, and XMAS 22-1-4710B; from which
	The cor. of secs. 20, 21, 28, and 29 bears N. 33° 22' 35" E., 3376.93 ft. dist., previously described.
	Thence NORTH
362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 9, Xmas 8, and Xmas 19 mill sites of this survey.
	Thence WEST
78	Center of local drainage, 6 ft. wide, course N. 50° E.
599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 17, Xmas 10, and Xmas 9 mill sites of this survey.
_	Thence SOUTH
362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 22, Xmas 23, and Xmas 17 mill sites of this survey.
	Thence EAST
121	Center of local drainage, 6 ft. wide, course N. 25° E.
599.50	Cor. No. 1, and place of beginning.
	Xmas 19 Mill Site
	Beginning at Cor. No. 1 of the Xmas 19 mill site, identical with Cors. Nos. 1 of the Xmas 21, Xmas 22, and Xmas 18 mill sites of this survey.
	Thence NORTH
362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 18, Xmas 9, and Xmas 8 mill sites of this survey.
	Thence EAST
	Road; bears N. 25° E. and S. 5° E.
252	
252 599.50	Cor. No. 3, identical with Cor. No. 3 of the Xmas 8 mill site and Cors. Nos. 4 of the Xmas 7 and Xmas 20 mill sites of this survey.

FEET	SURVEY NO. 4710 B 26
r e CT	
62.50	Cor. No. 4, identical with Cor. No. 4 of the Xmas 21 mill site, established on line 3-4 of the Xmas 20 mill site of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. XMAS 19-4-4710B and XMAS 21-4-4710B.
	Thence WEST
.98	Road; bears N. 20° E. and S. 20° W.
99.50	Cor. No. 1, and place of beginning.
	Xmas 20 Mill Site
	Beginning at Cor. No. 1 of the Xmas 20 mill site, identical with Cor. No. 1 of the Xmas 7 mill site of this survey.
	Thence SOUTH
250	Crest of major ridge bears N. 60° W. and S. 60° E.
514	Center of local drainage, 6 ft. wide, course S. 40° E.
25.00	Cor. No. 2.
	Set an iron post, 2 ft. long, l ins. diam., 17 ins. in the ground, with brass cap mkd. XMAS 20-2-4710B.
	Thence WEST
300.00	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 32 and Xmas 21 mill sites of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. XMAS 20-3, XMAS 32-3, and XMAS 21-3-4710B.
18	Thence NORTH
303	Center of local drainage, 5 ft. wide, course N. 80° E.
362.50	Intersect Cors. Nos. 4 of the Xmas 21 and Xmas 19 mill sites of this survey.
725.00	Cor. No. 4, identical with Cors. Nos. 3 of the Xmas 19 and Xmas 8 mill sites, and Cor. No. 4 of the Xmas 7 mill site of this survey.
	Thence EAST
300.00	Cor. No. 1, and place of beginning.
Ster St.	

27.

_	FEET	
		Xmas 21 Mill Site
		Beginning at Cor. No. 1 of the Xmas 21 mill site, identical with Cors. Nos. 1 of the Xmas 22, Xmas 18, and Xmas 19 mill sites of this survey.
		Thence SOUTH
	362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 32, Xmas 31, and Xmas 22 mill sites of this survey.
		Set an iron post, 2 ft. long, 1 ins. diam., 17 ins. in the ground, with brass cap mkd. XMAS 21-2, XMAS 32-2, XMAS 31-2, and XMAS 22-2-4710B.
		Thence EAST
	599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 20 and Xmas 32 mill sites of this survey.
		Thence NORTH
	303	Center of local drainage, 5 ft. wide, course N. 80° E.
	362.50	Cor. No. 4, identical with Cor. No. 4 of the Xmas 19 mill site, on line 3-4 of the Xmas 20 mill site of this survey.
		Thence WEST
	198	Road; bears N. 20° E. and S. 20° W.
	599.50	Cor. No. 1, and place of beginning.
		Xmas 22 Mill Site
		Beginning at Cor. No. 1 of the Xmas 22 mill site, identical with Cors. Nos. 1 of the Xmas 18, Xmas 19, and Xmas 21 mill sites of this survey.
		Thence SOUTH
	362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 21, Xmas 32, and Xmas 31 mill sites of this survey.
	4	Thence WEST
	599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 31, Xmas 30, and Xmas 23 mill sites of this survey.
		Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 22-3, XMAS 31-3, XMAS 30-3, and XMAS 23-3-4710B.

30

	SURVEY NO. 4710 B 2
FEET	
	Thence NORTH
362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 23, Xmas 17, and Xmas 18 mill sites of this survey.
	Thence EAST
121	Center of local drainage, 6 ft. wide, course N. 25° E.
599.50	Cor. No. 1, and place of beginning.
	Xmas 23 Mill Site
	Beginning at Cor. No. 1 of the Xmas 23 mill site, identical with Cors. Nos. 1 of the Xmas 24, Xmas 16, and Xmas 17 mill sites of this survey.
	Thence SOUTH
230	Enter waste dump area; toe of dump bears NW. and SE.
362.50	The true point for Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 30, Xmas 29, and Xmas 24 mill sites of this survey.
	This corner falls on the unconsolidated fill slope of a waste dump where a monument cannot be established.
111-91	Thence EAST
70	Leave waste dump area; toe of dump bears NNW. and SSE.
599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 22, Xmas 31, and Xmas 30 mill sites of this survey.
	Thence NORTH
362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 17, Xmas 18, and Xmas 22 mill sites of this survey.
	Thence WEST
599.50	Cor. No. 1, and place of beginning.

	SURVEY NO. 4710 B	29
FEET		
	Xmas 24 Mill Site	
	Beginning at Cor. No. 1 of the Xmas 24 mill site, identical with Cors. Nos. 1 of the Xmas 16, Xmas 17, and Xmas 23 mill sites of this survey.	
	Thence SOUTH	
230	Enter waste dump area; toe of dump bears NW. and SE.	
362.50	The true point for Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 23, Xmas 30, and Xmas 29 mill site of this survey, previously described.	
	Thence WEST	
599.50	The true point for Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 29, Xmas 28, and Xmas 25 mill sites of this survey.	
	This corner falls on the unconsolidated fill slope of a waste dump where a monument cannot be established.	t
	Thence NORTH	
135	Leave waste dump area; enter ore stockpile area; toe of waste dump bears NE. and SW.	
362,50	The true point for Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 25 and Xmas 15 mill sites and Cor. No. 5 of the Xmas 16 mill site of this survey, previously described.	
	Thence EAST	
274	Leave ore stockpile, enter natural ground; contact line between stockpile and natural ground bears ENE. and WSW.	
599.50	Cor. No. 1, and place of beginning.	
	Xmas 25 Mill Site	
	Beginning at the true point for Cor. No. 1 of the Xmas 25 mill site, identical with Cor. No 1 of the Xmas 15 mill site, on line 1-2 of th Xmas 14 mill site of this survey, previously described.	o. he
	Thence SOUTH	
112.00	Intersect the true point for Cors. Nos. 1 of the Xmas 14 and Xmas 26 mill sites of this survey.	
		1

SURVEY NO. 4710 B 30. FEET 362.50 The true point for Cor. No. 2, identical with Cor. No. 2 of the Xmas 28 mill site, established on line 1-2 of the Xmas 26 mill site of this survey. This corner falls on the surface of an ore stockpile to which material is constantly being added, precluding the establishment of a permanent monument. Thence EAST Leave ore stockpile area, enter waste dump area; 520 toe of dump bears NE. and SW. The true point for Cor. No. 3, identical with 599.00 Cors. Nos. 3 of the Xmas 24, Xmas 29, and Xmas 28 mill sites of this survey, previously described. Thence NORTH Leave waste dump area; enter ore stockpile 135 area; toe of waste dump bears NE. and SW. The true point for Cor. No. 4, identical with 362.50 Cors. Nos. 4 of the Xmas 15 and Xmas 24 mill sites and Cor. No. 5 of the Xmas 16 mill site of this survey. Thence WEST 599.00 Cor. No. 1, and place of beginning. Xmas 26 Mill Site Beginning at the true point for Cor. No. 1 of the Xmas 26 mill site, identical with Cor. No. 1 of the Xmas 14 mill site, on line 1-2 of the Xmas 25 mill site of this survey, previously described. Thence SOUTH Intersect the true point for Cors. Nos. 2 of 250.50 the Xmas 25 and Xmas 28 mill sites of this survey. The true point for Cor. No. 2, identical with 450.00 Cor. No. 3 of the Xmas 27 mill site, established on line 1-2 of the Xmas 28 mill site of this survey. This corner falls on the surface of an ore stockpile to which material is constantly being added, precluding the establishment of a permanent monument.

	SURVEY NO. 4710 B 31
FEET	and the second
10	Thence WEST
475	Leave ore stockpile area, enter natural ground; contact line between stockpile and natural ground bears N. and S.
524.63	Cor. No. 3, identical with Cor. No. 4 of the Xmas 27 mill site of this survey, established on line 3-4 Sur. No. 2175 Contact lode.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 26-3-4710B and XMAS 27-4-4710B; from which
	Cor. No. 3 Sur. No. 2175 Contact lode bears S. 12° 01' 36' W., 315.60 ft. dist.
	Thence N. 12° 01' 36" E.
190	Leave natural ground, enter ore stockpile; contact line between natural ground and stock- pile curves northwesterly and southeasterly.
460.10	The true point for Cor. No. 4, identical with Cor. No. 4 of the Xmas 14 mill site of this survey, on line 3-4 Sur. No. 2175 Contact
	lode, previously described.
	Thence EAST
428.76	Cor. No. 1, and place of beginning.
	Xmas 27 Mill Site
	At Cor. No. 1 of the Xmas 27 mill site, iden- tical with Cor. No. 1 of the Xmas 38 mill site of this survey.
*	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 27-1-4710B and XMAS 38-1-4710B; from which
	The cor. of secs. 19, 20, 29, and 30 bears N. 3° 07' 22" W., 3792.27 ft. dist., previously described.
	Thence EAST
602.39	Cor. No. 2, established on line 1-2 of the Xmas 36 mill site of this survey.
	Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 27-2-4710B.
	Thence NORTH

SURVEY NO. 4710 B

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	FEET	
	172	Leave natural ground; enter ore stockpile area; contact line between stockpile and natural ground bears NW. and SE.
	202.00	Intersect the true point for Cors. Nos. 1 of the Xmas 36 and Xmas 28 mill sites of this survey, hereinafter described.
	365.00	The true point for Cor. No. 3, identical with Cor. No. 2 of the Xmas 26 mill site, on line 1-2 of the Xmas 28 mill site of this survey, previously described.
		Thence WEST
	475	Leave ore stockpile area, enter natural ground; contact line between stockpile and natural ground bears N. and S.
	524.63	Cor. No. 4, identical with Cor. No. 3 of the Xmas 26 mill site of this survey, on line 3-4 Sur. No. 2175 Contact lode.
		Thence S. 12° 01' 36" W.
	283.81	Intersect Cor. No. 4 of the Xmas 38 mill site of this survey, on line 3-4 Sur. No. 2175 Contact lode, hereinafter described.
	315.60	Intersect Cor. No. 3 Sur. No. 2175 Contact lode, on line 4-1 of the Xmas 38 mill site of this survey.
2	373.19	Cor. No. 1, and place of beginning.
		Xmas 28 Mill Site
		At the true point for Cor. No. 1 of the Xmas 28 mill site, identical with Cor. No. 1 of the Xmas 36 mill site, established on line 2-3 of the Xmas 27 mill site of this survey.
		This corner falls on the surface of an ore stockpile to which material is constantly being added, precluding the establishment of a permanent monument.
		Set a temporary spike for Cor. No. 1; from which
		The cor. of secs. 19, 20, 29, and 30 bears N. 12° 43' 03" W., 3674.79 ft. dist., previously described.
		Thence NORTH
		The second se
PEET         163.00       Intersect the true point for Cor. No. 3 of a Xmag 27 mill site, identical with Cor. No. 6 the Xmag 26 mill site of this survey.         362.50       The true point for Cor. No. 2, identical with Cor. No. 2 of the Xmag 25 mill site, on ling 1-2 of the Xmag 26 mill site of this survey previously described.         520       Leave ore stockpile area, enter waste dump area; to e of dump bears NE. and SW.         599.00       The true point for Cor. No. 3, identical with Cors. Nos. 3 of the Xmag 25, Xmag 24, and Xmag 29 mill sites of this survey.         Thence SOUTH         177       Leave waste dump area; contact line between waste dump and natural ground bears ENE. an WSW.         362.50       Cor. No. 4, identical with Cors. Nos. 4 of t Xmag 29, Xmag 35, and Xmag 36 mill sites of this survey.         Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mid. 18 MAS 28-4, XMAS 29-4, XMAS 35-4, and XMAS 36-4-4710B.         Thence WEST         420       Leave natural ground, enter ore stockpile ar contact line between natural ground and sto pile bears N. and S.         599.00       Cor. No. 1, and place of beginning.         Xmas 39 mill site         Mill Site         420       Leave natural ground, enter ore stockpile ar contact line between natural ground and sto pile bears N. and S.         599.00       Cor. No. 1, and place of beginning.         Xmas 39 mill site, identica	33.	
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Xmas 27 mill site, identical with Cor. No. of the Xmas 26 mill site of this survey.362.50The true point for Cor. No. 2, identical with Cor. No. 2 of the Xmas 25 mill site, on lin 1-2 of the Xmas 26 mill site of this survey previously described. Thence EAST520Leave ore stockpile area, enter waste dump area; toe of dump bears NE. and SW.599.00The true point for Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 25, Xmas 24, and Xmas 29 mill sites of this survey. Thence SOUTH177Leave waste dump area; contact line between waste dump and natural ground bears ENE. an WSW.362.50Cor. No. 4, identical with Cors. Nos. 4 of t Xmas 29, Xmas 35, and Xmas 36 mill sites of this survey.362.50Cor. No. 4, identical with brass cap mkd. XMAS 28-4, XMAS 29-4, XMAS 35-4, and XMAS 36-4-4710B.420Leave natural ground, enter ore stockpile ar contact line between natural ground and sto pile bears N. and S.599.00Cor. No. 1, and place of beginning.420Xmas 29 Mill Site At Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 34-1, and XMAS 35-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described. Thence NORTH		
Cor. No. 2 of the Xmas 25 mill site, on lir         1-2 of the Xmas 26 mill site of this survey previously described.         Thence EAST         520       Leave ore stockpile area, enter waste dump area; toe of dump bears NE. and SW.         599.00       The true point for Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 25, Xmas 24, and Xmas 29 mill sites of this survey.         Thence SOUTH         177       Leave waste dump area; contact line between waste dump and natural ground bears ENE. an WSW.         362.50       Cor. No. 4, identical with Cors. Nos. 4 of t Xmas 29, Xmas 35, and Xmas 36 mill sites of this survey.         Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 26-4, XMAS 29-4, XMAS 35-4, and XMAS 36-4-4710B.         Thence WEST         420       Leave natural ground, enter ore stockpile ar contact line between natural ground and stopile bears N. and S.         599.00       Cor. No. 1, and place of beginning.         Xmas 29 Mill Site         420       Leave natural ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which         421       The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described.         422       The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described.	No. 2	
<ul> <li>520 Leave ore stockpile area, enter waste dump area; toe of dump bears NE. and SW.</li> <li>599.00 The true point for Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 25, Xmas 24, and Xmas 29 mill sites of this survey.</li> <li>Thence SOUTH</li> <li>177 Leave waste dump area; contact line between waste dump and natural ground bears ENE. an WSW.</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of this survey.</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of this survey.</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of this survey.</li> <li>362.50 Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 28-4, XMAS 29-4, XMAS 35-4, and XMAS 36-4-4710B.</li> <li>420 Leave natural ground, enter ore stockpile ar contact line between natural ground and stopile bears N. and S.</li> <li>599.00 Cor. No. 1, and place of beginning.</li> <li>599.00 Xmas 34, and Xmas 35 mill sites of this sur Xmas 34, and Xmas 35 mill sites of this sur Xmas 39-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which</li> <li>The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described.</li> <li>Thence NORTH</li> </ul>	1 line	
<ul> <li>area; toe of dump bears NE. and SW.</li> <li>599.00</li> <li>The true point for Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 25, Xmas 24, and Xmas 29 mill sites of this survey.</li> <li>Thence SOUTH</li> <li>177</li> <li>Leave waste dump area; contact line between waste dump and natural ground bears ENE. an WSW.</li> <li>362.50</li> <li>Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 29, Xmas 35, and Xmas 36 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 28-4, XMAS 29-4, XMAS 35-4, and XMAS 36-4-4710B.</li> <li>420</li> <li>Leave natural ground, enter ore stockpile ar contact line between natural ground and stopile bears N. and S.</li> <li>599.00</li> <li>Cor. No. 1, and place of beginning.</li> <li>Xmas 29 Mill Site</li> <li>At Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which</li> <li>The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described.</li> <li>Thence NORTH</li> </ul>		
Cors. Nos. 3 of the Xmas 25, Xmas 24, and Xmas 29 mill sites of this survey. Thence SOUTH 177 Leave waste dump area; contact line between waste dump and natural ground bears ENE. an WSW. 362.50 Cor. No. 4, identical with Cors. Nos. 4 of t Xmas 29, Xmas 35, and Xmas 36 mill sites of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 28-4, XMAS 29-4, XMAS 35-4, and XMAS 36-4-4710B. Thence WEST 420 Leave natural ground, enter ore stockpile ar contact line between natural ground and sto pile bears N. and S. 599.00 Cor. No. 1, and place of beginning. Xmas 29 Mill Site At Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described. Thence NORTH	աթ	
<ul> <li>177 Leave waste dump area; contact line between waste dump and natural ground bears ENE. an WSW.</li> <li>362.50 Cor. No. 4, identical with Cors. Nos. 4 of t Xmas 29, Xmas 35, and Xmas 36 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 28-4, XMAS 29-4, XMAS 35-4, and XMAS 36-4-4710B.</li> <li>420 Leave natural ground, enter ore stockpile ar contact line between natural ground and stopile bears N. and S.</li> <li>599.00 Cor. No. 1, and place of beginning.</li> <li>599.00 Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which</li> <li>The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described.</li> </ul>		
<ul> <li>waste dump and natural ground bears ENE. an WSW.</li> <li>362.50</li> <li>Cor. No. 4, identical with Cors. Nos. 4 of t Xmas 29, Xmas 35, and Xmas 36 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 28-4, XMAS 29-4, XMAS 35-4, and XMAS 36-4-4710B.</li> <li>420</li> <li>Leave natural ground, enter ore stockpile ar contact line between natural ground and stopile bears N. and S.</li> <li>599.00</li> <li>Cor. No. 1, and place of beginning.</li> <li>Xmas 29 Mill Site</li> <li>At Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which</li> <li>The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described.</li> </ul>		
<ul> <li>Xmas 29, Xmas 35, and Xmas 36 mill sites of this survey.</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 28-4, XMAS 29-4, XMAS 35-4, and XMAS 36-4-4710B.</li> <li>420 Leave natural ground, enter ore stockpile ar contact line between natural ground and stopile bears N. and S. </li> <li>599.00 Cor. No. 1, and place of beginning. Xmas 29 Mill Site At Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described. Thence NORTH</li></ul>		
<ul> <li>18 ins. in the ground, with brass cap mkd. XMAS 28-4, XMAS 29-4, XMAS 35-4, and XMAS 36-4-4710B. </li> <li>420 Leave natural ground, enter ore stockpile ar contact line between natural ground and sto pile bears N. and S. 599.00 Cor. No. 1, and place of beginning. Xmas 29 Mill Site At Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described. Thence NORTH</li></ul>		
<ul> <li>420 Leave natural ground, enter ore stockpile ar contact line between natural ground and stopile bears N. and S.</li> <li>599.00 Cor. No. 1, and place of beginning.</li> <li>Xmas 29 Mill Site</li> <li>At Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which</li> <li>The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described.</li> <li>Thence NORTH</li> </ul>	kd.	
contact line between natural ground and sto pile bears N. and S. 599.00 Cor. No. 1, and place of beginning. Xmas 29 Mill Site At Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described. Thence NORTH		
Xmas 29 Mill SiteAt Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this surSet an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from whichThe cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described.Thence NORTH		
<ul> <li>At Cor. No. 1 of the Xmas 29 mill site, identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur</li> <li>Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which</li> <li>The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described.</li> <li>Thence NORTH</li> </ul>		
<pre>identical with Cors. Nos. 1 of the Xmas 30, Xmas 34, and Xmas 35 mill sites of this sur Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described. Thence NORTH</pre>		
<pre>18 ins. in the ground, with brass cap mkd. XMAS 29-1, XMAS 30-1, XMAS 34-1, and XMAS 35-1-4710B; from which The cor. of secs. 19, 20, 29, and 30 bears N. 29° 15' W., 4108.49 ft. dist. previously described. Thence NORTH</pre>		
bears N. 29° 15' W., 4108.49 ft. dist. previously described. Thence NORTH	kd.	
150 Enter waste dump area: toe of dump bears E		
and W.	Ε.	

	SURVEY NO. 4710 B 34
FEET	
362.50	The true point for Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 24, Xmas 23, and
	Xmas 30 mill sites of this survey, previously described.
	Thence WEST
599.50	The true point for Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 28, Xmas 25, and Xmas 24 mill sites of this survey, previously described.
A REAL	Thence SOUTH
177	Leave waste dump area; contact line between waste dump and natural ground bears ENE. and WSW.
362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 35, Xmas 36, and Xmas 28 mill sites of this survey.
	Thence EAST
599.50	Cor. No. 1, and place of beginning.
	Xmas 30 Mill Site
	Beginning at Cor. No. 1 of the Xmas 30 mill site, identical with Cors. Nos. 1 of the Xmas 34, Xmas 35, and Xmas 29 mill sites of this survey.
	Thence NORTH
150	Enter waste dump area; toe of dump bears E. and W.
362.50	The true point for Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 29, Xmas 24, and Xmas 23 mill sites of this survey, previously described.
in month in	Thence EAST
70	Leave waste dump area; toe of dump bears NNW. and SSE.
599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 23, Xmas 22, and Xmas 31 mill sites of this survey.
	Thence SOUTH
362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 31, Xmas 33, and Xmas 34 mill sites of this survey.
123.1	

1967)	)	SURVEY NO. 4710 B 35.
	FEET	
		Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 30-4, XMAS 31-4, XMAS 33-4, and XMAS 34-4-4710B.
		Thence WEST
	599.50	Cor. No. 1, and place of beginning.
		Xmas 31 Mill Site
		At Cor. No. 1 of the Xmas 31 mill site, ident- ical with Cors. Nos. 1 of the Xmas 32 and Xmas 33 mill sites of this survey.
		Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 31-1, XMAS 32-1, and XMAS 33-1-4710B; from which
		The cor. of secs. 20, 21, 28, and 29 bears N. 27° 39' 25" E., 4002.28 ft. dist., previously described.
		Thence NORTH
	362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 22, Xmas 21, and Xmas 32 mill sites of this survey.
		Thence WEST
	599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 30, Xmas 23, and Xmas 22 mill sites of this survey.
		Thence SOUTH
	362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 33, Xmas 34, and Xmas 30 mill sites of this survey.
		Thence EAST
	599.50	Cor. No. 1, and place of beginning.
		Xmas 32 Mill Site
		Beginning at Cor. No. 1 of the Xmas 32 mill site, identical with Cors. Nos. 1 of the Xmas 33 and Xmas 31 mill sites of this survey.
		Thence NORTH
	362.50	Cor. No. 2, identical with Cors. Nos. 2 of the Xmas 31, Xmas 22, and Xmas 21 mill sites of this survey.
		Thence EAST

(This form bound on left side)

37

	SURVEY NO. 4710 B 3
FEET	
599.50	Cor. No. 3, identical with Cors. Nos. 3 of the Xmas 21 and Xmas 20 mill sites of this survey.
	Thence SOUTH
362.50	Cor. No. 4.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 32-4-4710B.
	Thence WEST
599.50	Cor. No. 1, and place of beginning.
-	Xmas 33 Mill Site
	Beginning at Cor. No. 1 of the Xmas 33 mill site, identical with Cors. Nos. 1 of the Xmas 31 and Xmas 32 mill sites of this survey
	Thence SOUTH
362.50	Cor. No. 2.
	Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 33-2-4710B.
	Thence WEST
599.50	Cor. No. 3, identical with Cor. No. 3 of the Xmas 34 mill site of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 33-3-4710B and XMAS 34-3-4710B.
	Thence NORTH
362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 34, Xmas 30, and Xmas 31 mill sites of this survey.
	Thence EAST
599.50	Cor. No. 1, and place of beginning.
	Xmas 34 Mill Site
	Beginning at Cor. No. 1 of the Xmas 34 mill site, identical with Cors. Nos. 1 of the Xmas 35, Xmas 29, and Xmas 30 mill sites of this survey.
	Thence SOUTH

967)		SURVEY NO. 4710 B 37.
Т	FEET	
	362.50	Cor. No. 2, identical with Cor. No. 2 of the Xmas 35 mill site of this survey.
		Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 34-2-4710B and XMAS 35-2-4710B.
	1 °	Thence EAST
	405	Summit of prominent, cone-shaped peak.
	599.50	Cor. No. 3, identical with Cor. No. 3 of the Xmas 33 mill site of this survey.
		Thence NORTH
	362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 30, Xmas 31, and Xmas 33 mill sites of this survey.
		Thence WEST
	599.50	Cor. No. 1, and place of beginning.
		Xmas 35 Mill Site
		Beginning at Cor. No. 1 of the Xmas 35 mill site, identical with Cors. Nos. 1 of the Xmas 29, Xmas 30, and Xmas 34 mill sites of this survey.
		Thence SOUTH
	362.50	Cor. No. 2, identical with Cor. No. 2 of the Xmas 34 mill site of this survey.
		Thence WEST
	599.50	Cor. No. 3, identical with Cor. No. 3 of the Xmas 36 mill site of this survey.
1		Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 35-3-4710B and XMAS 36-3-4710B.
9		Thence NORTH
	362.50	Cor. No. 4, identical with Cors. Nos. 4 of the Xmas 36, Xmas 28, and Xmas 29 mill sites of this survey.
	e di lan	Thence EAST
	599.50	Cor. No. 1, and place of beginning.

38. SURVEY NO. 4710 B FEET Xmas 36 Mill Site Beginning at the true point for Cor. No. 1 of the Xmas 36 mill site, identical with Cor. No. 1 of the Xmas 28 mill site, on line 2-3 of the Xmas 27 mill site of this survey, previously described. Thence SOUTH 30 Leave ore stockpile area, enter natural ground; contact line between stockpile and natural ground bears NW. and SE. Intersect Cor. No. 2 of the Xmas 27 mill 202.00 site of this survey. 362.50 Cor. No. 2. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 36-2-4710B. Thence EAST Cor. No. 3, identical with Cor. No. 3 of the 599.00 Xmas 35 mill site of this survey. Thence NORTH Cor. No. 4, identical with Cors. Nos. 4 of 362.50 the Xmas 28, Xmas 29, and Xmas 35 mill sites of this survey. Thence WEST Enter ore stockpile area; contact line between 420 stockpile and natural ground bears N. and S. Cor. No. 1 and place of beginning. 599.00 Xmas 38 Mill Site Beginning at Cor. No. 1 of the Xmas 38 mill site, identical with Cor. No. 1 of the Xmas 27 mill site of this survey. Thence S. 71° 49' 32" W. Cor. No. 2, identical with Cor. No. 3 of the 807.92 Xmas 39 mill site of this survey. Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 38-2-4710B and XMAS 39-3-4710B. Thence N. 0° 11' 24" E.

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FEET		
365.42	Intersect line 2-3 Sur. No. 2175 Geological lode at a point from which Cor. No. 3, identical with Cor. No. 2 Sur. No. 2175	
	Contact lode, bears S. 85° 48' 19" E., 184. ft. dist.	39
408.66	Cor. No. 3, identical with Cor. No. 4 of the Xmas 39 mill site of this survey.	
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 38-3, and XMAS 39-4-4710B; from which	
	Cor. No. 3 Sur. No. 2175 Geological lode, identical with Cor. No. 2 Sur. No. 2175 Contact lode, bears S. 72° 50' 40" E., 192.30 ft. dist.	
	Thence S. 84° 57' 32" E.	
193.02	Intersect line 3-4 Sur. No. 2175 Geological lode and line 1-2 Sur. No. 2175 Contact lod at a point from which Cors. Nos. 3 and 2, respectively, bear S. 12° 06' W., 40.67 ft. dist.	e
787.92	Cor. No. 4, established on line 3-4 Sur. No. 2175 Contact lode, and on line 4-1 of the Xmas 27 mill site of this survey.	
	Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 38-4-4710B.	
	Thence S. 12° 01' 36" W.	
31.79	Intersect Cor. No. 3 Sur. No. 2175 Contact lode.	
89.38	Cor. No. 1, and place of beginning.	
1624	Xmas 39 Mill Site	
	At Cor. No. 1 of the Xmas 39 mill site, identical with Cor. No. 1 of the Xmas 40 mill site and Cor. No. 5 of the Xmas 41 mill site of this survey.	
	Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 39-1, XMAS 40-1, and XMAS 41-5-4710B; from which	
	The cor. of secs. 19, 20, 29, and 30 bears N. 15° 18' 09" E., 3724.70 ft. dist., previously described.	

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FEET	Cor. No. 2 Sur. No. 2175 Geological
	Cor. No. 2 Sur. No. 2175 Geological
	lode bears S. 14° 02' E., 52.02 ft. di
1.1	Thence SOUTH
512.00	Cor. No. 2, identical with Cor. No. 2 of the Xmas 40 mill site of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 39-2-4710B and XMAS 40-2-4710B.
	Thence N. 81° 06' 40" E.
427.13	Cor. No. 3, identical with Cor. No. 2 of the Xmas 38 mill site of this survey.
100	Thence N. 0° 11' 24" E.
365.42	Intersect line 2-3 Sur. No. 2175 Geological lode at a point from which Cor. No. 2 bears N. 85° 48' 19" W., 411.71 ft. dist.
408.66	Cor. No. 4, identical with Cor. No. 3 of the Xmas 38 mill site of this survey.
	Thence N. 84° 57' 32" W.
360.00	Intersect Cor. No. 4 of the Xmas 41 mill site of this survey, hereinafter described.
401.14	Intersect line 1-2 Sur. No. 2175 Geological lode at a point from which Cor. No. 2 bears S. 12° 59' 06" W., 49.64 ft. dist.
425.00	Cor. No. 1, and place of beginning.
	Xmas 40 Mill Site
	Beginning at Cor. No. 1 of the Xmas 40 mill site, identical with Cor. No. 1 of the Xmas 39 mill site and Cor. No. 5 of the Xmas 41 mill site of this survey.
	Thence SOUTH
512.00	Cor. No. 2, identical with Cor. No. 2 of the Xmas 39 mill site of this survey.
	Thence WEST
420.00	Cor. No. 3.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 40-3-4710B.
	Thence NORTH

40.

	FEET	
	512.00	Cor. No. 4, identical with Cors. Nos. 3 of the
		Xmas 43 and Xmas 42 mill sites of this survey.
		Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 40-4, XMAS 43-3, and XMAS 42-3-4710B.
	. A	Thence EAST
	313.00	Intersect Cor. No. 4 of the Xmas 42 mill site, and Cor. No. 6 of the Xmas 41 mill site of this survey, hereinafter described.
	420.00	Cor. No. 1, and place of beginning.
	a 5- 5-	Xmas 41 Mill Site
		At the true point for Cor. No. 1 of the Xmas 41 mill site, identical with Cor. No. 1 of the Xmas 42 mill site of this survey and Cor. No. 2 Sur. No. 4543 Squaw Peak lode.
		This corner falls on the surface of a waste dump area where a permanent monument cannot be maintained. I restore the true point as hereinafter described and set a temporary spike; from which
	•	The cor. of secs. 19, 20, 29, and 30 bears N. 20° 45' 37" E., 3081.31 ft. dist., previously described.
		Thence N. 12° 06' 09" E.
	130.38	The true point for Cor. No. 2, identical with Cor. No. 2 Sur. No. 2175 Cannon Ball lode, on line 1-2 Sur. No. 4543 Squaw Peak lode.
		This corner falls on the surface of a waste dump where a permanent monument cannot be maintained. I restore the true point for Cor. No. 2 as hereinafter described and set a temporary spike; from which
		<pre>Cor. No. 1 Sur. No. 4543 Squaw Peak lode, identical with Cor. No. 2 Sur. No. 4543 Red Bird lode, and Cors. Nos. 1 Sur. No. 2175 South Star lode and Sur. No. 1763 Christmas lode, on line 1-2 Sur. No. 2175 Cannon Ball lode, bears N. 12° 06' 09" E., 515.62 ft. dist.</pre>
		Thence S. 85° 20' 53" E.
	140.00	Leave waste dump area; enter ore stockpile area; toe of waste dump bears NW. and SE.
×	294.99	The true point for Cor. No. 3, identical with Cor. No. 1 Sur. No. 2175 Geological lode, on line 2-3 Sur. No. 2175 Cannon Ball lode.
-		

(This form bound on left side)

41.

SURVEY NO. 4710 B

-	FEET	
		This corner falls on the surface of an ore stockpile area where a permanent monument cannot be maintained. I restore the true point for Cor. No. 3 as hereinafter described and set a temporary spike; from which Cor. No. 3 Sur. No. 2175 Cannon Ball lode bears S. 85° 20' 53" E., 914.78
		ft. dist.
		Thence S. 10° 11' W.
	95	Leave ore stockpile area, enter natural ground; contact line between stock pile surface and natural ground bears NW. and SE.
	833.81	Cor. No. 4, established on line 4-1 of the Xmas 39 mill site of this survey.
		Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 41-4-4710B.
2.0		Thence N. 84° 57' 32" W.
	41.14	Intersect line 1-2 Sur. No. 2175 Geological lode at a point from which Cor. No. 1, identical with Cor. No. 3 of the Xmas 41 mill site of this survey, on line 2-3 Sur. No. 2175 Cannon Ball lode, bears N. 12° 59' 06" E., 838.49 ft. dist.
	65.00	Cor. No. 5, identical with Cors. Nos. 1 of the Xmas 39 and Xmas 40 mill sites of this survey.
<		Thence WEST
	107.00	Cor. No. 6, identical with Cor. No. 4 of the Xmas 42 mill site, on line 4-1 of the Xmas 40 mill site of this survey.
A. 1.00	ot	Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. in the ground, with brass cap mkd. XMAS 41-6, and XMAS 42-4-4710B.
		Thence N. 0° 10' 34" W.
	580	Enter waste dump area; contact line between waste dump and natural ground bears ENE. and WSW.
	711.40	Cor. No. 1, and place of beginning.
		Xmas 42 Mill Site
	•	Beginning at the true point for Cor. No. 1 of the Xmas 42 mill site, identical with Cor. No. 1 of the Xmas 41 mill site of this survey, and Cor. No. 2 Sur. No. 4543 Squaw Peak lode.

42.

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	Thence S. 79° 55' 09" W.
315.69	The true point for Cor. No. 2, identical with Cor. No. 2 of the Xmas 43 mill site of
	this survey, established on line 2-3 Sur. No. 4543 Squaw Peak lode.
	This corner falls among large rocks of a waste dump area where a monument cannot be maintained; not monumented; from which
	Cor. No. 3 Sur. No. 4543 Squaw Peak lode bears S. 79° 55' 09" W., 1184.31 ft. dist.
	Thence SOUTH
65	Leave waste dump area; contact line between waste dump and natural ground bears ENE. and WSW.
656.14	Cor. No. 3, identical with Cor. No. 4 of the Xmas 40 mill site and Cor. No. 3 of the Xmas 43 mill site of this survey.
	Thence EAST
313.00	Cor. No. 4, identical with Cor. No. 6 of the Xmas 41 mill site, on line 4-1 of the Xmas 40 mill site of this survey.
	Thence N. 0° 10' 34" W.
580	Enter waste dump area; contact line between waste dump and natural ground bears ENE. and WSW.
711.40	Cor. No. 1, and place of beginning.
	Xmas 43 Mill Site
 14uu	At Cor. No. 1 of the Xmas 43 mill site, identical with Cor. No. 1 of the Xmas 44 mill site of this survey, on line 2-3 Sur. No. 4543 Squaw Peak lode.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 43-1-4710B and XMAS 44-1-4710B; from which
	The cor. of secs. 19, 20, 29, and 30 bears N. 29° 46' 17" E., 3446.12 ft. dist., previously described.
	Cor. No. 3 Sur. No. 4543 Squaw Peak lode bears S. 79° 55' 09" W., 871.35

SURVEY NO. 4710 B

FEET	
	Thence N. 79° 55' 09" E.
30	Enter waste dump area; contact line between waste dump and natural ground bears NNW. and SSE.
312.96	The true point for Cor. No. 2, identical with Cor. No. 2 of the Xmas mill site of this survey, on line 2-3 Sur. No. 4543 Squaw Peak lode, previously described.
	Thence SOUTH
65	Leave waste dump area; contact line between waste dump and natural ground bears ENE. and WSW.
656.14	Cor. No. 3, identical with Cor. No. 3 of the Xmas 42 mill site and Cor. No. 4 of the Xmas 40 mill site of this survey.
	Thence S. 75° 19' 30" W.
318.52	Cor. No. 4, identical with Cor. No. 4 of the Xmas 44 mill site of this survey.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 43-4-4710B and XMAS 44-4-4710B.
	Thence NORTH
682.05	Cor. No. 1, and place of beginning.
	Xmas 44 Mill Site
	Beginning at Cor. No. 1 of the Xmas 44 mill site, identical with Cor. No. 1 of the Xmas 43 mill site of this survey, on line 2-3 Sur. No. 4543 Squaw Peak lode.
	Thence S. 79° 55' 09" W.
310.48	Cor. No. 2, identical with Cor. No. 1 of the Xmas 45 mill site of this survey, established on line 2-3 Sur. No. 4543 Squaw Peak lode.
	Set an iron post, 2 ft. long, l ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 44-2-4710B and XMAS 45-1-4710B; from which
	Cor. No. 3 Sur. No. 4543 Squaw Peak lode bears S. 79° 55' 09" W., 560.87 ft. dist.
	Thence SOUTH

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[ 67)	SURVEY NO. 4710 B 4
FEET	SURVET NO. 4710 B
707.76	Cor. No. 3, identical with Cor. No. 2 of the
	Xmas 45 mill site of this survey. Set an iron post, 2 ft. long, 1 ins. diam.,
	18 ins. in the ground, with brass cap mkd. XMAS 44-3-4710B and XMAS 45-2-4710B.
	Thence N. 75° 19' 30" E.
316.00	Cor. No. 4, identical with Cor. No. 4. of the Xmas 43 mill site of this survey.
	Thence NORTH
682.05	Cor. No. 1, and place of beginning.
	Xmas 45 Mill Site
	Beginning at Cor. No. 1 of the Xmas 45 mill
	site, identical with Cor. No. 2 of the Xmas 44 mill site of this survey, on line 2-3 Sur. No. 4543 Squaw Peak lode; from which
	The cor. of secs. 19, 20, 29 and 30 bears N. 33° 30' 46" E., 3652.87 ft. dist., previously described.
	Thence SOUTH
707.76	Cor. No. 2, identical with Cor. No. 3 Xmas 44 mill site of this survey.
	Thence S. 75° 19' 30" W.
301.00	Cor. No. 3.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 45-3-4710B.
1	Thence NORTH
732.25	Cor. No. 4, established on line 2-3 Sur. No. 4543 Squaw Peak lode.
	Set an iron post, 2 ft. long, 1 ins. diam., 18 ins. in the ground, with brass cap mkd. XMAS 45-4-4710B; from which
	Cor. No. 3 Sur. No. 4543 Squaw Peak lode bears S. 79° 55' 09" W., 265.12 ft. dist.
	Thence N. 79° 55' 09" E.
295.75	Cor. No. 1, and place of beginning.

		SURVEY NO. 4710 & & B	46.
	FEET		
		AREAS	Acres
-512	and the same	AREAD	Acres
		Total area, O'Brien No. 1 lode Area in conflict with	18.892
		Sur. No. 2175 Kearsarge lode	0.005
	1.12,00,00 250	BLACK HAWK lode of this survey	3.660
		BLACK HAWK lode of this survey,	
		exclusive of its conflict with:	0.660
		(1) Sur. No. 2175 Kearsarge lode Total area, O'BRIEN No. 2 lode	3.660 20.460
1.1	12 33 14 1	Area in conflict with	20.400
		Sur. No. 2175 Contact lode	0.068
		Total area, PACKARD NO. 1 lode	20.363
		Area in conflict with	0.000
18 18 1		Sur. No. 2175 New York lode Total area, BLACK HAWK lode	0.023
		Area in conflict with	20.555
		Sur. No. 2175 Kearsarge lode	0.718
		Total area, O'BRIEN No. 3 lode	19.944
		Area in conflict with	0 517
	1. 1. 1. 1. 1. 1.	Sur. No. 2175 Delaware lode PACKARD NO. 1 lode of this survey	0.517 7.135
		BLACK HAWK Lode of this survey	0.613
	List model of	Total area, O'BRIEN No. 4 lode	20.471
		Area in conflict with	
		BLACK HAWK lode of this survey	1.977
		O'Brien No. 1 lode of this survey Total area, Xmas 1 mill site	0.007 4.187
		Area in conflict with	4.107
		O'Brien No. 1 lode of this survey	0.387
or free		Total area, Xmas 2 mill site	4.475
		Total area, Xmas 3 mill site	4.541
1.1		Total area, Xmas 4 mill site Total area, Xmas 5 mill site	4.989 4.989
		Total area, Xmas 6 mill site	4.989
200 B		Total area, Xmas 7 mill site	4.993
		Total area, Xmas 8 mill site	4.989
1.1		Total area, Xmas 9 mill site	4.989 4.989
1.1.1.1.1		Total area, Xmas 10 mill site Total area, Xmas 11 mill site	3.437
		Area in conflict with	51107
		O'Brien No. 1 lode of this survey	0.378
1100		Total area, Xmas 12 mill site	1.394
	of which is	Area in conflict with BLACK HAWK lode of this survey	0.819
1.		Total area, Xmas 14 mill site	4.780
6 a 6		Total area, Xmas 15 mill site	4.912
		Total area, Xmas 16 mill site	4.545
		Total area, Xmas 17 mill site	4.989
		Total area, Xmas 18 mill site Total area, Xmas 19 mill site	4.989 4.989
		Total area, Xmas 20 mill site	4.993
100		Total area, Xmas 21 mill site	4.989
1.1.1		Total area, Xmas 22 mill site	4.989
		Total area, Xmas 23 mill site	4.989
		Total area, Xmas 24 mill site	4.989
1			
and the second			
8.3.1			
			GPO 839-785

FEET	SURVEY NO. 4710 A and B	47.
	and and any service states and	
	Total area Vmaa 25 mill oita	4.985
	Total area, Xmas 25 mill site	
	Total area, Xmas 26 mill site	4.925
	Total area, Xmas 27 mill site	4.722
	Total area, Xmas 28 mill site	4.985
	Total area, Xmas 29 mill site	4.989
	Total area, Xmas 30 mill site	4.989
	Total area, Xmas 31 mill site	4.989
	Total area, Xmas 32 mill site	4.989
	Total area, Xmas 33 mill site	4.989
		4.989
		4.989
	Total area, Xmas 36 mill site	4.985
	Total area, Xmas 38 mill site	4.399
	Area in conflict with	
	Sur. No. 2175 Contact lode	0.491
	Sur. No. 2175 Geological lode	0.181
	Total area, Xmas 39 mill site	4.467
	Area in conflict with	
	Sur. No. 2175 Geological lode	0.430
	Total area, Xmas 40 mill site	4.937
	Total area, Xmas 41 mill site	4.685
	Area in conflict with	4.005
	Sur. No. 2175 Geological lode	0.392
	Total area, Xmas 42 mill site	4.897
		4.733
	Total area, Xmas 43 mill site	
	Total area, Xmas 44 mill site	4.877
	Total area, Xmas 45 mill site	4.813
	LOCATION	
	This current is leasted in partially	
	This survey is located in partially sections 20, 29, and 30, T. 4 S., R. 1	
	the Gila and Salt River Meridian, Gila	a county,
	Arizona.	
	The survey of the six (6) lode clai	ing and
	forty-three (43) mill site claims embr	
	this order for mineral survey and desc	
	herein is identical with the respectiv	
	tions or amended locations as marked of	
	ground, except as limited by current m	nining
	activity.	
	Dill sister, mine menselle all of i	-
	the the Lote Line 200.00 to the	
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	actor activity	
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	states and the states	
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	SURVEY NO. 4710 A and B 48
FEET	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 are as follows:
No. 1	The discovery point of the O'Brien No. 1 lode if on the lode line 85.00 feet from a point on line 1-2, 284.00 feet from Cor. No. 1. Value, none.
No. 2	A diamond drill hole bears S. 40° 13' E., 415 ft. from Cor. No. 1 O'Brien No. 1 lode, 3½ ins. diam., 1000 ft. depth. Value, \$9,000.00
No. 3	A diamond drill hole bears S. 69° 18' E., 692 ft. from Cor. No. 1 O'Brien No. 1 lode, 3½ ins. diam., 950 ft. depth. Value, \$8,550.00
No. 1	The discovery point of the O'BRIEN No. 2 lode is on the lode line 435.00 feet from a point on line 4-1, 300 ft. from Cor. No. 4. Value, none.
No. 2	A diamond drill hole bears S. 74° 12' E., 152 feet from Cor. No. 1 O'BRIEN No. 2 lode; 3½ ins. diam., 1025 ft. depth. Value, \$9,225.00
No. 3	A diamond drill hole bears N. 84° 57' E., 374 ft. from Cor. No. 2 O'BRIEN No. 2 lode; 3 <sup>1</sup> 2 ins. diam., 400 ft. depth. Value, \$3,600.00
No. 1	The discovery point of the PACKARD NO. 1 lode is on the lode line 750.00 ft. from a point on line 1-2, 300 ft. from Cor. No. 1. Value, none.
No. 2	A diamond drill hole bears N. 18° 23' E., 107 ft. from Cor. No. 3 PACKARD NO. 1 lode; 3½ ins. diam., 750 ft. depth. Value, \$6,750.00
No. 1	The discovery point of the BLACK HAWK lode is on the lode line 200.00 ft. from a point on line 3-4, 300 ft. from Cor. No. 3. Value, none.
No. 2	A diamond drill hole bears S. 57° 21' E., 349 ft. from Cor. No. 1 BLACK HAWK lode; 3½ ins. diam., 950 ft. depth. Value, \$8,550.00
No. 3	A diamond drill hole bears S. 88° 20' E., 701 ft. from Cor. No. 1 BLACK HAWK lode; 3½ ins. diam., 850 ft. depth. Value, \$7,650.00

49. SURVEY NO. 4710 A and B FEET A diamond drill hole bears S. 74° 58' W., No. 4 370 ft. from Cor. No. 4 BLACK HAWK lode; 31/2 ind. diam., 800 ft. depth. Value, \$7,200.00 A diamond drill hole bears S. 6° 52' W., 305 ft. No. 5 from Cor. No. 4 BLACK HAWK lode; 31/2 ins. diam., 800 ft. depth. Value, \$7,200.00 A diamond drill hole bears N. 82° 20' E., 320 No. 6 ft. from Cor. No. 1 BLACK HAWK lode; 3<sup>1</sup>/<sub>2</sub> ins. diam., 821 ft. depth. Value, \$7,389.00 The discovery point of the O'BRIEN No. 3 lode No. 1 is on the lode line 300 ft. from a point on line 4-1, 300 ft. from Cor. No. 4. Value, none. A diamond drill hole bears N. 69° 36' E., 230 No. 2 ft. from Cor. No. 3 O'BRIEN No. 3 lode; 3<sup>1</sup>/<sub>2</sub> ins. diam., 550 ft. depth. Value, \$4,950.00 The discovery point of the O'BRIEN No. 4 lode No. 1is on the lode line 400 ft. from a point on line 3-4, 300 ft. from Cor. No. 3. Value, none. A diamond drill hole bears S. 67° 31' E., 269 No. 2 ft. from Cor. No. 4 O'BRIEN No. 4 lode; 3<sup>1</sup>/<sub>2</sub> ins. diam., 600 ft. depth. Value, \$5,400.00 OTHER IMPROVEMENTS Diamond drill holes have been drilled on various mill site claims to prove or disprove existence of commercially valuable minerals at depths reasonable for mining. They are listed as follows: A diamond drill hole bears N. 77° 00' E., 142 ft. from Cor. No. 2 Xmas 21 mill site; 3<sup>1</sup>/<sub>2</sub> ins. diam., 150 ft. depth. Value, \$1,350.00 A diamond drill hole bears S. 56° 19' E., 155 ft. from Cor. No. 1 Xmas 43 mill site; 3<sup>1</sup>/<sub>2</sub> ins. diam., 493 ft. depth. Value, \$4,437.00 A diamond drill hole bears N. 32° 33' E., 421

A diamond drill hole bears N. 32° 33° E., 421 ft. from Cor. No. 3 Xmas 26 mill site; 3½ ins. diam., 682 ft. depth. Value, \$6,138.00

FEET

## SURVEY NO. 4710 A and B

A diamond drill hole bears N. 55° 06' W., 191	
ft. from Cor. No. 3 Xmas 25 mill site; 3 <sup>1</sup> / <sub>2</sub> ins.	•
diam., 403 ft. depth.	
Value, \$3,627.00	

A diamond drill hole bears N. 66° 52' W., 318 ft. from Cor. No. 1 Xmas 16 mill site; 3½ ins. diam., 400 ft. depth. Value, \$3,600.00

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 1763 Christmas lode: Cor. No. 3 is a malpais stone firmly set and properly marked; all other corners have been obliterated by mining operation. Line 2-3 is shown as calculated in the manner employed in the restoration of angle points of nonriparian meander lines, Sec. 380 of the 1947 Edition of the Manual of Surveying Instructions, (see Exterior Boundary Restoration Traverse 'A') and as such, was found to be N. 12° 08' 36" E., 591.55 ft., instead of either N. 11° 55' E., 602 ft. as approved in Sur. No. 1763, or N. 12° 13' E., 590.77 ft., as calculated from the approved Plat for Sur. No. 2175 (which also shows the entire Christmas lode). Line 1-2 is shown as a westerly extension of line 4-1 Sur. No. 2175 Contact lode, hereinafter described, with which it coincides in part, and was found to bear S. 85° 39' 50" E. instead of either S. 85° 20' E. as approved for Sur. No. 1763, or S. 85° 45' E. as shown on the approved Plat for Sur. No. 2175. Line 3-4 is shown having the bearing which appears on the approved Plat for Sur. No. 2175, thus being N. 84° 58' W. instead of N. 85° 20' W. as approved for Sur. No. 1763.

Sur. No. 2175 Iron Cap lode; Cor. No. 2 is identical with Cor. No. 3 Sur. No. 1763 Christmas lode, described above. Cor. No. 3 is a granite stone, firmly set and properly marked. Line 2-3 was found to be N. 31° 15' 50" E., 331.67 ft., instead of N. 31° 23' E., 335.30 ft. as approved. The bearings of lines 1-2 and 3-4 are shown as approved.

Sur. No. 2175 Kearsarge lode: Cor. No. 4 is identical with Cor. No. 3 Sur. No. 2175 Iron Cap lode, described. above. The witness corner for Cor. No. 3 is a cross(X) on a rock ledge, found undisturbed and properly marked.

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	FEET	
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		Cors. Nos. 1 and 2 have been destroyed by
		mining operation. The bearing of that portion
		of line 2-3 coinciding with a portion of line
		4-1 Sur. No. 2175 Harrisburg lode is shown as
1		approved; the remainder of line 2-3, the
	2 N	line connecting Cor. No. 4 Sur. No. 2175
		Harrisburg lode, identical with Cor. No. 1
		Sur. No. 2175 Delaware lode, with Cor. No. 3
	Sec. 11.	Kearsarge lode, was found to be N. 79° 00' 24"
يصار	nini, mitta n	E., 243.22 ft., instead of N. 79° 45' E.,
nie"	김 관계 기독의 영	265.6 ft., as approved. Line 3-4 was found to
	Real Providence	be S. 31° 40' 10" W., 600.16 ft., instead of
igen -	5 gen 1.20	S. 31° 23' W., 599.90 ft., as approved. The
		bearing of line 4-1 is shown as approved.
511		Sur. No. 2175 Delaware lode: The true
	14.5 <sup>4</sup> - 45	point for Cor. No. 1 is inaccessible; the
		witness corner for Cor. No. 1 was restored
=	ic et la fin	from a found bearing rock and the position of
	- 1 - 1 - E	the true point for Cor. No. 1 was calculated
		therefrom using approved course information,
	10 - 20 R	i.e., S. 10° 15' E., 20.00 ft. dist. from
d a	- 1 inne	witness corner to true corner. Cor. No. 6 was
	1.1	restored from found bearing rocks. Cors. Nos. 2
	and shell is	4, and 5 have been destroyed. The bearings of
	1 (S. 15	lines 1-2 and 4-5 are shown as approved.
1	1 - C2 <sup>2</sup>	Line 5-6 is shown as calculated, resorting to
19 A	and drive	the use of the instructions given in Sec. 380
	2 . A	of the Manual as previously descussed; (See
		Exterior Boundary Restoration Traverse 'B').
<u></u>	A	As such, line 5-6 was found to be S. 10° 18'
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06" E., 599.49 ft., instead of S. 10° 15' E.,
	والعقاد وقيد	600 ft. as approved. Line 6-1 was found to be
1 20-51	and solutions.	S. 78° 00' 48" W., 1490.89 ft., instead of
	والعرار إفاركنا القا	S. 77° 35' W., 1500.00 ft., as approved.
1.0	-250 Cm7-	selie de la station milita da se
	A 146	Sur. No. 2175 Harrisburg lode: Cor. No. 4
o fines	- 1 - <b>1</b> - <b>1</b> - <b>1</b> - <b>1</b>	is identical with Cor. No. 1 Sur. No. 2175
	. iu	Delaware lode, described above, on line 2-3
1.2021		Sur. No. 2175 Kearsarge lode, also described
2 1		above. Lines 3-4 and 4-1 are shown as approved.
	ET. P. P	The second s
	100 427	Sur. No. 2175 New York lode: No corners
	Sel an re-	could be found. Lines 2-3 and 3-4 are shown
		as calculated in Exterior Boundary Restoration
	f. first in these	Traverse 'B'. Line 2-3 was found to be N. 85°
2	1	12' 15" E., 85.53 ft., instead of N. 85° 09' E.
	11 Jan	85.60 ft., as approved. Line 3-4 was found to
	1	be N. 10° 58' 08" E., 199.78 ft., instead of
		N. 11° 00' E., 200.00 ft., as approved. Line
	- 1	1-2 is shown as approved.
1	~	
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SURVEY NO. 4710 A and B

52. FEET Sur. No. 2175 Uranus lode: Cor. No. 3 is a granite stone, firmly set and properly marked. Cor. No. 4 is identical with Cor. No. 4 Sur. No. 2175 New York lode, described. above. Line 3-4 was found to be S. 10° 58' 08" W., 599.32 ft., instead of S. 11° 00' W., 600.00 ft., as approved. Sur. No. 2175 Contact lode: Cor. No. 3 is a granite stone firmly set and properly marked. Cor. No. 2 could not be found, but its position was calculated to be at the midpoint of the line connecting Cor. No. 3 with Cor. No. 2 Sur. No. 2175 Geological lode. Cor. No. 2 was not restored. Cors. Nos. 1 and 4 have been obliterated by mining activity. Line 2-3 was found to be S. 85° 48' 19" E., 596.10 ft. dist., instead of S. 85° 45' E., 600.00 ft., as approved. Line 3-4 and a portion of line 4-1 are shown as calculated from Boundary Restoration Traverse 'A'; line 3-4 was found to be N. 12° 01' 36" E., 1401.86 ft., instead of N. 12° 06' E., 1400.00 ft., as approved. That portion of line 4-1 connecting Cor. No. 4 with Cor. No. 2 Sur. No. 1763 Christmas lode was found to be N. 85° 39' 50" W., 260.28 ft., instead of N. 85° 45' W., 260.00 ft., as approved. The bearing of line 1-2 is shown as approved. Sur. No. 2175 Geological lode: Cor. No. 2 has been lost but was restored from a found bearing rock. Cor. No. 3 is identical with Cor. No. 2 Sur. No. 2175 Contact lode, described above. Cors. Nos. 1 and 4 have been obliterated by mining activity. The position for Cor. No. 1, identical with Cor. No. 3 of the Xmas 41 mill site of this survey, was calculated by use of the instructions given in Sec. 380 of the Manual, as previously descussed. (See Exterior Boundary Restoration Traverse 'C'.) Line 1-2 was found to be S. 12° 59' 06" W., 888.13 ft., instead of S. 12° 06' W., 880.00 ft., as approved. Line 2-3 was found to be S. 85° 48' 19" E., 596.10 ft., instead of S. 85° 45' E., 600.00 ft., as approved. The bearing of line 3-4 is shown as approved. The bearing of line 4-1 is shown to be the same as the bearing calculated herein for line 2-3 Sur. No. 2175 Cannon Ball lode.

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FEET Sur. No. 2175 Cannon Ball lode: All corners have been obliterated by mining activity. The position of Cor. No. 2 was calculated as hereinafter discussed under Sur. No. 4543 Squaw Peak lode. The position of Cor. No. 3 was calculated by use of the instructions given in the aforementioned Sec. 380 of the Manual. (See Exterior Boundary Restoration Traverse 'C'.) The position of Cor. No. 4 was calculated as being on line 2-3 Sur. No. 1763 Christmas lode at N. 12° 08' 36" E., 80.00 ft. from Cor. No. 2. The position of Cor. No. 3 was calculated by intersection of bearings determined earlier for lines 2-3 and 3-4 in Exterior Boundary Restoration Traverses 'C' and 'A', respectively. Line 2-3 was found to be S. 85° 20' 53" E., 1209.77 ft., instead of S. 85° 45' E., 1240.00 ft., as approved. Line 3-4 was found to be N. 12° 08' 36" E., 604.06 ft., instead of N. 12° 06' E., 600.00 ft., as approved. The bearing of line 4-1 is shown as approved. The bearing of line 1-2is shown to be the same as the bearing calculated herein for line 1-2 Sur. No. 4543 Squaw Peak lode. Sur. No. 4543 Squaw Peak lode: Cor. No. 3 is marked by a cross (x) chisled into the top of a granite rock in place; this corner was found mis-marked as Cor. No. 1, although the bearing rock, which bears N. 80° W., 8.70 ft. dist., was found marked correctly, i.e., B+R-3-SP-4543. I did not alter the markings on the corner stone. Cor. No. 4 is an iron pipe with brass cap, firmly set and properly marked. Cors. Nos. 1 and 2 have been obliterated by mining activity. Line 3-4 was found to be N. 12° 06' 09" E., 646.00 ft., instead of N. 12° 05' E., 646.00 ft., as approved. In the restoration of lines 1-2 and 2-3, I chose to hold the record interior angles at Cors. Nos. 3 and 2, being 67° 49' and 112° 11', respectively; thus the bearings of lines 2-3 and 1-2 vary from the approved bearings by the same 0° 01' 09" clockwise rotation observed in my measurement of the bearing of line 3-4. The lengths of lines 2-3 and 1-2 are shown as approved. Therefore, line 2-3 was found to be S. 79° 55' 09" W., 1500.00 ft., instead of S. 79° 54' W.,, 1500.00 ft., as approved. Line 1-2 was found to be S. 12° 06' 09" W., 646.00 ft., instead of S. 12° 05' W., 646.00 ft., as approved.

	SURVEY NO. 4710 A and B 54.
FEET	
	Since the mineral surveyor for Sur. No. 4543
-ulina paleic	states that the stone marking Cor. No. 2 Sur.
the second second	No. 2175 Cannon Ball lode was in place at the
	time of his survey in the year 1961, and that
	said corner was on line 1-2 at a distance of 515.62 ft. from Cor. No. 1, I accept his
The Barter	measurement at correct. Thus Cor. No. 2 Sur.
- in the state	No. 2175 Cannon Ball lode is shown to be on
1	line 1-2 at N. 12° 06' 09" E., 130.38 ft.
	from Cor. No. 2, instead of N. 12° 05' E., 130.38 ft., as approved.
I Barrist 7	150050 Itt, as approved.
The reliance	Following is a discussion of three Exterior
	Boundary Restoration Traverse computations which were required in order to ascertain the
	positions of missing angle points or claim
fired to the set	corners along the exterior claim lines of Sur.
in the way of the	No. 2175. Reference is made to Section 380 of
	the 1947 Edition of the Manual of Surveying
	Instructions, entitled "Angle Points of Non- riparian Meander Lines"; all boundary calcula-
	tions were made in accordance with these instruc-
-section fields	tions.
	Traverse 'A' Beginning at the scribed
the second second	stone marking Cor. No. 3 Sur. No. 2175
C	Contact lode; thence N. 12° 01' 36" E.,
Pages and a state of	1401.86 ft. to Cor. No. 4; thence N.
	85° 39' 50" W., 260.28 ft. to Cor. No. 2 Sur. No. 1763 Christmas lode, on line 3-4
1	Sur. No. 2175 Cannon Ball lode; thence N.
	12° 08' 36" E., 591.55 ft. to the scribed
	stone marking Cor. No. 3 Sur. No. 1763 Christmas lode and Cor. No. 2 Sur. No.
and the	2175 Iron Cap lode.
and a man-	
and a second	Traverse 'B' Beginning at the brass- capped pipe marking Cor. No. 6 Sur. No.
the below	2175 Delaware lode, said pipe having been
- Sector	set during the course of this survey from
Labora, Hils J	found bearing rocks for said Cor. No. 6;
in a state of the	thence N. 10° 18' 06" W., 599.49 ft. to Cor. No. 5, identical with Cor. No. 2
the close of the	Sur. No. 2175 New York lode; thence N.
1000 - 11	85° 12' 15" E., 85.53 ft. to Cor. No. 3
1.000	Sur. No. 2175 New York lode; thence N.
	10° 58' 08" E., 199.78 to Cor. No. 4 Sur. No. 2175 New York lode, identical with
- 181 Mar 18	Cor. No. 4 Sur. No. 2175 Uranus lode;
1 201 34 142	thence N. 10° 58' 08" E., 599.32 ft. to the
a have for the	scribed stone marking Cor. No. 3 Sur. No. 2175 Uranus lode.
LINADY 1	21,5 orando 10de.

Form	9180	-21
(Nove	mber	1967)

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(This form bound on left side)

SURVEY NO. 4710 A and B 55. FEET Traverse 'C' -- Beginning at the point mark-ing Cor. No. 2 Sur. No. 2175 Geological lode, said corner having been restored from a found bearing rock; thence N. 12° 59' 06" E., 888.13 ft. to Cor. No. 1, on line 2-3 Sur. No. 2175 Cannon Ball lode; thence N. 85° 20' 53" W., 294.99 ft. to the true point for Cor. No. 2 Sur. No. 2175 Cannon Ball lode, the position of said Cor. No. 2 having been determined by calculations discussed under Sur. No. 4543 Squaw Peak lode. The line connecting the cor. of sec. 20, 21, 28, and 29 with the cor. of secs. 19, 20, 29, and 30, T. 4 S., R. 16 E., bears N. 89° 33' 05" W., 5064.42 ft. dist., instead of N. 89° 12' W., 5280 ft. dist., as approved, 1911 Survey. U. S. L. M. No. 1763 has been destroyed by mining operations. FIELD ASSISTANTS Name Capacity Loren E. Bunney Instrumentman Robert E. Hungerford Chainman

FEET å 5 n it may be an internet to an Sec. all 2 r 5 T 21 147-7 3 -. GPO 839-785

Form 3400-8 (August 1967) (formerly 4-686)

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## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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Name of Mineral Surveyor	Date
Travis L. Gant	July 13, 1972
I HEREBY CERTIFY That in pursuance of an order red dated March 6 , 19 72	ceived from the Bureau of Land Management , at Phoenix, Arizona 2 , I have carefully executed the survey of the clair
of Inspiration Consolidated Copper Co. known as the ( <i>lode, placer, or mill site</i> ) *(See be] situated in Uns. Sec.s. 20, 29 & 30	, Township 4 Sout
Range 16 East, Gila & Salt River Meridi	an, in the State of Arizona
This survey, designated as number 4710 A&B , has been made in strict conformity with said order, the Mar the United States, and in specific manner described in	nual of Instructions for the Survey of Public Lands of
I FURTHER CERTIFY That the labor expended and (lode or placer) lode embraced in the said mining claim by claimant(s) or grantors are fully stated in my report. The character,	location(s its extent, location, and itemized value are specified i
full detail. No portion of, or interest in, said labor an cluded in the estimate of expenditures upon any other	d improvements so credited to this claim has been ir
<ul> <li>O'Brien No. 1, O'BRIEN No. 2, PACKARD</li> <li>O'BRIEN No. 4, lodes, and Xmas 1 thru</li> <li>Xmas 38 thru Xmas 45 mill sites.</li> </ul>	NO. 1, BLACK HAWK, O'BRIEN No. 3,
<u>Globe, Arizona</u>	Uravis L. Sant
(Location)	(Signature of Mineral Surveyor)
	Office Arizona State Office Location
	Arizona State Office
	Arizona State Office Location Phoenix, Arizona Date
executed by Travis L. Gant	Arizona State Office Location Phoenix, Arizona Date March 22, 1973 10 A & B, in Uns. Secs. 20, 29 & 30 X surveyed unsurveyed Township 4 S. an, in the State of Arizona , Mineral Surveyo 2, having been critically examined and the necessar
Range 16 E., Gila and Salt River Meridi executed by Travis L. Gant under order dated March 6 , 19 7 corrections made prior to their certification by the sur	Arizona State Office Location Phoenix, Arizona Date March 22, 1973 10 A & B, in Uns. Secs. 20, 29 & 30 X surveyed unsurveyed Township 4 S. an, in the State of Arizona , Mineral Surveyo 2, having been critically examined and the necessar
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GPO 837-838

