

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey number

4744

State

Arizona

Land District

Arizona

FIELD NOTES

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

American Smelting and Refining Company
P.O. Box 5747
Tucson, Arizona 85703

Known as the *(name of group, if any)*

Silverbell

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
NSB 1	8/19/54	
NSB 2	8/19/54	
NSB 3	8/19/54	
N S B 4	8/19/54	
NSB 5	8/19/54	
NSB 6	8/18/54	6/29/66
NSB 8	5/3/66	1/15/71
NSB 11	8/18/54	6/29/66
NSB 12	8/19/54	6/29/66
NSB 13	8/19/54	6/29/66
NSB 14	8/19/54	6/29/66
El Tiro 11	1/13/71	

Mining district Silverbell			County Pima	
Section 33 & 34	Township 11 South	Range 8 East	Meridian Gila & Salt River	Survey under order dated June 7, 1973
Survey commenced Sept. 20, 1973		Survey completed Nov. 12, 1973	Name of Mineral Surveyor Robert Lenon	

Personnel Management and Printing Company
P.O. Box 1047
Lubbock, Texas 79401

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FEET	
	<p>This survey was made with a Bausch and Lomb Precise Transit, No. 9259, with horizontal limb 5-1/2 ins. diam., having two single opposite verniers, and full vertical circle 4-1/4 ins. diam., having two double opposite verniers, all verniers reading to one minute of arc; the eyepiece is equipped with a colored glass set in the dust shutter for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.</p> <p>All azimuths in this record were determined by the method of double horizontal angles referred to the meridian determined by the following observations:</p> <p>September 20, 1973, at Cor. No. 2 of the NSB 6 lode, in latitude 32°26' N. and longitude 111°32' W., I made a set of two altitude observations upon the sun for azimuth, one each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from a point on line 2-3, 700 ft. NW'ly, SE'ly to the sun.</p> <p>Mean time of observation, 105th meridian standard time: 8^h 40^m a.m. Declination of sun at mean time of observation: 0°59' N. Mean observed vertical angles to sun's center: 34°52'30" Mean horizontal angles from ref- erence point to sun's center: 137°48'30" True bearing to reference point: N.23°07'W.</p> <p>The lines were measured with a Hewlett-Packard distance meter, and a Chicago steel tape, 300 feet in length, graduated every foot, with the end feet graduated to tenths; which was compared with a Lufkin standard at the time of beginning the survey and found correct.</p> <p>All lines and connections of this survey were run by direct methods.</p> <p>The magnetic declination observed at each corner of the survey gave a uniform value of 13°00' E.</p>
	NSB 1 LODE
	<p>At Cor. No. 1 of the NSB 1 lode, identical with Cor. Nos. 1, 1 and 1 of the N S B 4, NSB 3, and NSB 2 lodes, respectively, of this survey.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB1-1-NSB4-1-NSB3-1-NSB2-1-4744, with mound of stone alongside; from which</p> <p>The 1/4 sec. cor. of Secs. 33 and 34, S.T. 11 S., R. 8 E., G. & S.R.M., bears N. 23°56'20" E., 526.67 ft. dist.; mon- umented with an iron post, 1 in. diam., 12 ins. above ground, firmly set, with brass cap properly mkd., and with mound of stone surrounding.</p> <p style="text-align: center;">Thence S. 23°07' E.</p>

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FEET	
252.	Gulch, 3 ft. wide, course N. 75° W.
417.52	Intersect line 3-4, M.S. No. 4329 Raleigh No. 2 lode, at a point from which Cor. No. 4 bears N. 66°32'30" E., 4.05 ft. dist.
430.62	Intersect line 4-1, M.S. No. 4329 Raleigh No. 2 lode, at a point from which Cor. No. 4 bears N. 5°58'15" W., 13.73 ft. dist.
755.	Gulch, 2 ft. wide, course West.
904.	Trail, 2 ft. wide, bears N. 65° E. and S. 65° W.
1310.	Gulch, 1 ft. wide, course N. 70° W.
1500.00	Cor. No. 2, identical with Cor. No. 4 of the NSB 2 lode of this survey. Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB1-2-NSB2-4-4744, with mound of stone alongside. Thence S. 66°53' W.
203.	Gulch, 2 ft. wide, course N. 50° W.
300.00	Lode line; discovery point bears N. 23°07' W., 1100 ft. dist.
329.94	Intersect line 4-1, M.S. No. 4329 Raleigh No. 2 lode, at a point from which Cor. No. 1 bears S. 5°58'15" E., 365.54 ft. dist.
600.00	Cor. No. 3. Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB1-3-4744, with mound of stone alongside; from which Cor. No. 1, M.S. No. 4329 Raleigh No. 2 lode, bears S. 48°02'20" E., 385.16 ft. dist. Thence N. 23°07' W.
304.	Trail, 2 ft. wide, bears N. 60° E. and S. 60° W.
466.	Gulch, 1 ft. wide, course N. 35° E.
956.13	Intersect line 2-3, M.S. No. 4329 Eugene Mine lode, at a point from which Cor. No. 2 bears N. 66°41'40" E., 211.78 ft. dist.
1078.90	Intersect line 3-4, M.S. No. 4329 Raleigh No. 2 lode, at a point from which Cor. No. 3, identical with Cor. No. 4, M.S. No. 4329 Raleigh No. 1 lode, bears S. 66°32'30" W., 24.31 ft. dist.
1110.	Gulch, 2 ft. wide, course North.

FEET	
1500.00	<p>Cor. No. 4, identical with Cor. Nos. 1 and 2 of the NSB 5 and N S B 4 lodes, respectively, of this survey.</p> <p>Set an iron pin, 5/8 ins. diam., 24 ins. long, 18 ins. in the ground, with brass cap mkd. X-NSB1-4-NSB5-1-NSB4-2-4744, with mound of stone alongside; from which</p> <p style="padding-left: 40px;">Cor. No. 2, Sur. No. 4329 Eugene Mine lode, bears S. 44°25' E., 583.00 ft. dist.</p> <p style="padding-left: 80px;">Thence N. 66°53' E.</p>
192.	Gulch, 3 ft. wide, course N. 45° W.
300.00	Lode line; discovery point bears S. 23°07' E., 400 ft. dist.
333.	Gulch, 5 ft. wide, course N. 60° W.
362.80	Intersect line 1-2, Sur. No. 4329 Eugene Mine lode, at a point from which Cor. No. 1, identical with Cor. No. 2, Sur. No. 4329 Bobby lode bears N. 7°34'45" W., 38.16 ft. dist.
562.	Gulch, 2 ft. wide, course S. 40° W.
600.00	Cor. No. 1, and place of beginning.
NSB 2 LODE	
	<p>Beginning at Cor. No. 1 of the NSB 2 lode, identical with Cor. Nos. 1, 1 and 1 of the NSB1, N S B 4, and NSB 3 lodes, respectively, of this survey; from which</p> <p style="padding-left: 40px;">The ¼ sec. cor. of secs. 33 and 34, bears N. 23°56'20" E., 526.67 ft. dist., heretofore described.</p> <p style="padding-left: 40px;">Cor. No. 4, Sur. No. 4329 Raleigh No. 2 lode, bears S. 23°40'20" E., 417.52 ft. dist.</p> <p style="padding-left: 80px;">Thence N. 66°53' E.</p>
300.00	Lode line; discovery point bears S. 23°07' E., 100 ft. dist.
600.00	<p>Cor. No. 2, identical with Cor. No. 4 of the NSB 3 lode of this survey.</p> <p>Set an iron pin, 5/8 ins. diam., 24 ins. long, 18 ins. in the ground, with brass cap mkd. X-NSB2-2-NSB3-4-4744, with mound of stone alongside.</p> <p style="padding-left: 80px;">Thence S. 23°07' E.</p>

FEET	
1500.00	Cor. No. 3.
	Set an iron pin, 5/8 ins. diam., 24 ins. long, 18 ins. in the ground, with brass cap mkd. X-NSB2-3-4744, with mound of stone alongside.
	Thence S. 66°53' W.
300.00	Lode line, discovery point bears N. 23°07' W., 1400 ft. dist.
600.00	Cor. No. 4, identical with Cor. No. 2 of the NSB 1 lode of this survey.
	Thence N. 23°07' W.
190.	Gulch, 1 ft. wide, course N. 70° W.
596.	Trail, 2 ft. wide, bears N. 65° E. and S. 65° W.
745.	Gulch, 2 ft. wide, course West.
1069.38	Intersect line 4-1, M.S. No. 4329 Raleigh No. 2 lode, at a point from which Cor. No. 4 bears N. 5°58'15" W., 13.73 ft. dist.
1082.48	Intersect line 3-4, M.S. No. 4329 Raleigh No. 2 lode, at a point from which Cor. No. 4 bears N. 66°32'30" E., 4.05 ft. dist.
1248.	Gulch, 3 ft. wide, course N. 75° W.
1500.00	Cor. No. 1, and place of beginning.
NSB 3 LODE	
	Beginning at Cor. No. 1 of the NSB 3 lode, identical with Cor. Nos. 1, 1, and 1 of the NSB 2, NSB 1, and N S B 4 lodes, respectively, of this survey; from which
	The ¼ sec. cor. of secs. 33 and 34, T. 11 S., R. 8 E., bears N. 23°56'20" E., 526.67 ft. dist.
	Thence N. 23°07' W.
18.	Gulch, 2 ft. wide, course West to this point and S. 40° W. below this point.
520.	Gulch, 1 ft. wide, course West.
1500.00	Cor. No. 2, identical with Cor. Nos. 4, 1, and 1 of the N S B 4, NSB 13, and NSB 14 lodes, respectively, of this survey.
	Set an iron pin, 5/8 in. diam., 24 ins. long 18 ins. in the ground, with brass cap mkd. X-NSB3-2-NSB4-4-NSB13-1-NSB14-1-4744.
	Thence N. 66°53' E.
300.00	Lode line; discovery point bears S. 23°07' E., 100 ft. dist.

FEET	
500.00	A point selected for witness Cor. No. 3 of the NSB 3 lode, and Cor. No. 4 of the NSB 14 lode of this survey.
	Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-WC-NSB3-3-NSB14-4-4744, with mound of stone alongside.
600.00	Cor. No. 3, identical with Cor. No. 4 of the NSB 14 lode of this survey. This cor. falls in the channel of a large gulch, where a permanent monument cannot be established.
	Thence S. 23°07' E.
1500.00	Cor. No. 4, identical with Cor. No. 2 of the NSB 2 lode of this survey.
	Thence S. 66°53' W.
300.00	Lode line; discovery point bears N. 23°07' W., 1400 ft. dist.
600.00	Cor. No. 1, and place of beginning.
N S B 4 LODE	
Beginning at Cor. No. 1 of the N S B 4 lode, identical with Cor. Nos. 1, 1, and 1 of the NSB 3, NSB 2, and NSB 1 lodes, respectively, of this survey, previously described; from which	
The 1/4 sec. cor. of secs. 33 and 34 bears N. 23°56'20" E., 526.67 ft. dist., heretofore described.	
Cor. Nos. 1 and 2, M.S. No. 4329 Eugene Mine and Bobby lodes, respectively, bears S. 76°05' W., 229.94 ft. dist.	
Cor. No. 1, M.S. No. 4329 Bobby lode, bears N. 29°01'15" W., 625.18 ft. dist.	
Thence S. 66°53' W.	
38.	Gulch, 2 ft. wide, course S. 40° W.
237.20	Intersect line 1-2, M.S. No. 4329 Eugene Mine lode, at a point from which Cor. No. 1, identical with Cor. No. 2, M.S. No. 4329 Bobby lode, bears N. 7°34'45" W., 38.16 ft. dist.
267.	Gulch, 5 ft. wide, course N. 60° W.
300.00	Lode line; discovery point bears N. 23°07' W., 1400 ft. dist.
408.	Gulch, 3 ft. wide, course N. 45° W.
600.00	Cor. No. 2, identical with Cor. Nos. 4 and 1 of the NSB 1 and NSB 5 lodes, respectively, of this survey, previously described.
Thence N. 23°07' W.	

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36.43	Intersect line 5-1, M.S. No. 4329 Eugene Mine lode, common with line 2-3, Sur. No. 4329 Bobby lode, at a point from which Cor. No. 1, identical with Cor. No. 2, M.S. No. 4329 Bobby lode, bears N. 66°50' E., 373.02 ft. dist.
295.	Gulch, 7 ft. wide, course West.
621.56	Intersect line 4-1, M.S. No. 4329 Bobby lode, at a point from which Cor. No. 1 bears N. 66°51' E., 535.70 ft. dist.
1385.	Gulch, 5 ft. wide, course West.
1500.00	Cor. No. 3, identical with Cor. Nos. 4, 1 and 2 of the NSB 5, NSB 12 and NSB 13 lodes, respectively, of this survey. Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB4-3-NSB5-4-NSB12-1-NSB13-2-4744, with a mound of stone alongside. Thence N. 66°53' E.
300.00	Lode line; discovery point bears S. 23°07' E., 100 ft. dist.
600.00	Cor. No. 4, identical with Cor. Nos. 1, 1 and 2 of the NSB 13; NSB 14, and NSB 3 lodes, respectively, of this survey. Thence S. 23°07' E.
980.	Gulch, 1 ft. wide, course West.
1482.	Gulch, 2 ft. wide, course West to this point and S. 40° W. below this point.
1500.00	Cor. No. 1, and place of beginning.
	NSB 5 LODE
	Beginning at Cor. No. 1 of the NSB 5 lode, identical with Cor. Nos. 2 and 4 of the NSB 4 and NSB 1 lodes, respectively, of this survey; from which The 1/4 sec. cor. of secs. 33 and 34 bears N. 46°52'30" E., 1048.81 ft. dist., heretofore described. Thence S. 66°53' W.
300.00	Lode line; discovery point bears N. 23°07' W., 1400 ft. dist.
305.	Gulch, 1 ft. wide, course N. 75° W.
332.	Gulch, 2 ft. wide, course N. 5° W.
480.	Gulch, 3 ft. wide, course N. 15° W.

FEET	
600.00	<p>Cor. No. 2, identical with Cor. No. 1 of the NSB 6 lode of this survey.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB5-2-NSB6-1-4744, with mound of stone alongside.</p> <p style="text-align: center;">Thence N. 23°07' W.</p>
35.91	<p>Intersect line 5-1, M.S. No. 4329 Eugene Mine lode, common with line 2-3, M.S. No. 4329 Bobby lode, at a point from which Cor. No. 5, identical with Cor. No. 3, M.S. No. 4329 Bobby lode, bears S. 66°50' W., 523.30 ft. dist.</p>
67.	<p>Gulch, 1 ft. wide, course N. 40° E.</p>
550.	<p>Gulch, 2 ft. wide, course N. 20° E.</p>
621.18	<p>Intersect line 4-1, M.S. No. 4329 Bobby lode, at a point from which Cor. No. 4 bears S. 66°51' W., 360.98 ft. dist.</p>
715.	<p>Gulch, 15 ft. wide, course N. 60° W.</p>
913.	<p>Gulch, 2 ft. wide, course S. 55° W.</p>
1500.00	<p>Cor. No. 3, identical with Cor. Nos. 4, 1 and 2 of the NSB 6, NSB 11 and NSB 12 lodes, respectively, of this survey.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB5-3-NSB6-4-NSB11-1-NSB12-2-4744, with mound of stone alongside.</p> <p style="text-align: center;">Thence N. 66°53' E.</p>
300.00	<p>Lode line; discovery point bears S. 23°07' E., 100 ft. dist.</p>
385.	<p>Gulch, 5 ft. wide, course N. 65° W.</p>
600.00	<p>Cor. No. 4, identical with Cor. Nos. 1, 2 and 3 of the NSB 12, NSB 13 and N S B 4 lodes, respectively, of this survey.</p> <p style="text-align: center;">Thence S. 23°07' E.</p>
115.	<p>Gulch, 5 ft. wide, course West.</p>
878.44	<p>Intersect line 4-1, M.S. No. 4329 Bobby lode, at a point from which Cor. No. 1 bears N. 66°51' E., 535.70 ft. dist.</p>
1205.	<p>Gulch, 7 ft. wide, course S. 75° W.</p>
1463.57	<p>Intersect line 2-3, M.S. No. 4329 Bobby lode, common with line 5-1, M.S. No. 4329 Eugene Mine lode, at a point from which Cor. No. 2, identical with Cor. No. 1, M.S. No. 4329 Eugene Mine lode, bears N. 66°50' E., 373.02 ft. dist.</p>
1500.00	<p>Cor. No. 1, and place of beginning.</p>

FEET

NSB 6 LODE

Beginning at Cor. No. 1 of the NSB 6 lode, identical with Cor. No. 2 of the NSB 5 lode of this survey; from which

The $\frac{1}{4}$ sec. cor. of secs. 33 and 34 bears N. $54^{\circ}07'50''$ E., 1625.62 ft. dist., heretofore described.

Cor. No. 4, M.S. No. 4329 Bobby lode, bears N. $53^{\circ}17'10''$ W., 718.27 ft. dist.

Cor. No. 2, M.S. No. 2513 Ruby lode, bears N. $49^{\circ}44'20''$ W., 628.60 ft. dist.

Thence S. $66^{\circ}53'$ W.

- 300.00 Lode line; discovery point bears N. $23^{\circ}07'$ W., 1400 ft. dist.
- 533.15 Intersect line 4-5, M.S. No. 4329 Eugene Mine lode, common with line 3-4, M.S. No. 1987 Strip lode, at a point from which Cor. No. 5, identical with Cor. No. 4, M.S. No. 1987, Strip lode, and Cor. No. 3, M.S. No. 4329 Bobby lode, bears N. $7^{\circ}35'30''$ W., 36.80 ft. dist.
- 600.00 Cor. No. 2.
Set an iron pin, $\frac{5}{8}$ in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB6-2-4744, with mound of stone alongside; from which
- Cor. No. 4, M.S. No. 1987 Strip lode, identical with Cor. Nos. 3 and 5, M.S. No. 4329 Bobby and Eugene Mine lodes, respectively, bears N. $42^{\circ}04'30''$ E., 84.50 ft. dist.
- Cor. No. 3, M.S. No. 2513 Ruby lode, bears N. $12^{\circ}58'40''$ E., 351.17 ft. dist.
- Cor. No. 4, M.S. No. 2513 Ruby lode, bears N. $58^{\circ}52'30''$ E., 165.25 ft. dist.
- Cor. No. 1, M.S. No. 1987 Strip lode, identical with Cor. No. 5, M.S. No. 1987 John F. lode, bears N. $34^{\circ}43'$ W., 60.03 ft. dist.
- Thence N. $23^{\circ}07'$ W.
- 55.63 Intersect line 4-1, M.S. N. 1987 Strip lode, at a point from which Cor. No. 4, identical with Cor. No. 5, M.S. No. 4329 Eugene Mine lode and Cor. No. 3, M.S. No. 4329 Bobby lode, bears N. $81^{\circ}37'$ E., 79.31 ft. dist.
- 67.47 Intersect line 4-5, M.S. No. 2513 Ruby lode, at a point from which Cor. No. 4 bears N. $82^{\circ}04'50''$ E., 169.57 ft. dist.
258. Gulch, 1 ft. wide, course N. 65° W.
- 402.90 Intersect line 2-3 of the NSB 8 lode of this survey.
425. Gulch, 2 ft. wide, course West.

FEET	
634.16	Intersect line 1-2, M.S. No. 2513 Ruby lode, at a point from which Cor. No. 2 bears N. 79°39'50" E., 326.40 ft. dist.
796.96	Intersect line 3-4, M.S. No. 2791 King lode, at a point from which Cor. No. 3 bears N. 49°29'50" E., 261.70 ft. dist.
1152.90	Intersect line 4-1, of the NSB 8 lode, common with line 1-2 of the El Tiro 11 lode, both of this survey.
1260.	Gulch, 2 ft. wide, course North.
1354.68	Intersect line 2-3, M.S. No. 2791 King lode, at a point from which Cor. No. 3 bears S. 50°37'40" E., 540.66 ft. dist.
1390.	Gulch, 30 ft. wide, course N. 65° W.
1498.	Drill road, 12 ft. wide, bears N. 50° W. and S. 50° E.
1500.00	Cor. No. 3, identical with Cor. No. 2 of the NSB 11 lode of this survey.
	Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB6-3-NSB11-2-4744, with mound of stone alongside; from which
	Cor. No. 3, M.S. No. 2791 King lode, bears S. 44°54'10" E., 672.90 ft. dist.
	Thence N. 66°53' E.
157.10	Intersect line 4-1 of the El Tiro 11 lode of this survey.
300.00	Lode line; discovery point bears S. 23°07' E., 100 ft. dist.
600.00	Cor. No. 4, identical with Cor. Nos. 1, 2 and 3 of the NSB 11, NSB 12 and NSB 5 lodes, respectively, of this survey.
	Thence S. 23°07' E.
587.	Gulch, 2 ft. wide, course S. 55° W.
785.	Gulch, 15 ft. wide, course N. 60° W.
878.82	Intersect line 4-1, M.S. No. 4329 Bobby lode, at a point from which Cor. No. 4 bears S. 66°51' W., 360.98 ft. dist.
950.	Gulch, 2 ft. wide, course N. 20° E.
1433.	Gulch, 1 ft. wide, course N. 40° E.
1464.09	Intersect line 2-3, M.S. No. 4329 Bobby lode, common with line 5-1, M.S. No. 4329 Eugene Mine lode, at a point from which Cor. No. 3, identical with Cor. No. 5, M.S. No. 4329 Eugene Mine lode and Cor. No. 4, M.S. No. 1987 Strip lode, bears S. 66°50' W., 523.30 ft. dist.

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FEET	
1500.00	Cor. No. 1, and place of beginning.
	NSB 8 LODE
	At Cor. No. 1 of the NSB 8 lode, identical with Cor. No. 1 of the El Tiro 11 lode of this survey.
	Set an iron pin, 5/8 in. diameter, 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB8-1-ET11-1-4744, with mound of stone alongside, from which
	The 1/4 sec. cor. of secs. 33 and 34 bears N. 88°15'30" E., 2178.24 ft. dist., heretofore described.
	Thence S. 23°07' E.
99.67	Intersect line 2-3, M.S. No. 2791 King lode, at a point from which Cor. No. 3 bears S. 50°37'40" E., 200.57 ft. dist.
306.57	Intersect line 3-4, M. S. No. 2791 King lode, at a point from which Cor. No. 3 bears N. 49°29'50" E., 97.08 ft. dist.
554.19	Intersect line 1-2, M.S. No. 2513 Ruby lode, at a point from which Cor. No. 2 bears N. 79°39'50" E., 165.30 ft. dist.
750.00	Cor. No. 2.
	Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB8-2-4744, with mound of stone alongside;
	Thence S. 66°57' W.
157.10	Intersect line 2-3 of the NSB 6 lode of this survey.
292.	Gulch, 2 ft. wide, course N. 65° W.
300.00	Lode line; discovery point bears N. 23°07' W., 300 ft. dist.
600.00	Cor. No. 3.
	Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB8-3-4744, with mound of stone alongside; from which
	Cor. No. 4, M.S. No. 2791 King lode, bears N. 2°03'30" W., 310.56 ft. dist.
	Cor. No. 3, M.S. No. 2791 Columbia lode, on line 4-1 M.S. No. 2791 King lode, bears N. 8°24'40" W., 346.16 ft. dist.
	Thence N. 23°07' W.
139.	Gulch, 4 ft. wide, course N. 80° W.

FEET	
290.15	Intersect line 3-4, M.S. No. 2791 Columbia lode, at a point from which Cor. No. 3 on line 4-1, M.S. No. 2791 King lode, bears N. 39° 56' E., 98.58 ft. dist.
331.22	Intersect line 1-2, M.S. No. 2513 Ruby lode, at a point from which Cor. No. 1 bears S. 79°39'50" W., 695.74 ft. dist.
503.60	Intersect line 2-3, M.S. No. 2791 Columbia lode, common with line 4-1, M.S. No. 2791 King lode, at a point from which Cor. No. 3 on line 4-1, M.S. No. 2791 King lode, bears S. 50°37'15" E., 190.28 ft. dist., and Cor. No. 4, M.S. No. 2791 King lode, bears S. 50°37'15" E., 241.16 ft. dist.
750.00	Cor. No. 4, identical with Cor. No. 2 of the El Tiro 11 lode of this survey. Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB8-4-ET11-2-4744, with a mound of stone alongside. Thence N. 66°57' E.,
300.00	Lode line; discovery point bears S. 23°07' E., 450 ft. dist.
415.	Gulch, 3 ft. wide at junction. W branch, 2 ft. wide, course N. 25° E. to this point, E branch, 2 ft. wide, course N. 20° W. to this point. Course of combined channels, N. 15° E. below this point.
442.90	Intersect line 2-3 of the NSB 6 lode of this survey.
548.06	Intersect line 2-3, M.S. No. 2791 King lode, at a point from which Cor. No. 3 bears S. 50°37'40" E., 313.01 ft. dist.
600.00	Cor. No. 1, and place of beginning.
EL TIRO 11 LODE	
	Beginning at Cor. No. 1 of the El Tiro 11 lode, identical with Cor. No. 1 of the NSB 8 lode of this survey; from which The 1/2 sec. cor. of secs. 33 and 34 bears N. 88°15'30" E., 2178.24 ft. dist., heretofore described. Thence S. 66°57' W.
51.94	Intersect line 2-3, M.S. No. 2791 King lode, at a point from which Cor. No. 2 bears N. 50°37'40" W., 1186.02 ft. dist.
157.10	Intersect line 2-3 of the NSB 6 lode of this survey.

FEET	
185.	Gulch, 3 ft. wide at junction. W branch 2 ft. wide, course N. 25° E. to this point. E branch 2 ft. wide, course N. 20° W. to this point. Course of combined channels N. 15° E. below this point.
300.00	Lode line; discovery point bears N. 23°07' W., 549.60 ft. dist.
600.00	Cor. No. 2, identical with Cor. No. 4 of the NSB 8 lode of this survey. Thence N. 23°07' W.
646.62	Intersect line 3-4, M.S. No. 4630 Am. BS&K No. 3 lode, at a point from which Cor. No. 3, identical with Cor. No. 4 M.S. No. 4630 Am. and M.S. No. 4696 BS&K No. 4 lode, bears N. 67°05'40" E., 149.06 ft. dist.
749.60	Cor. No. 3 Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-ET11-3-4744, with mound of stone alongside; from which Cor. No. 2, M.S. No. 2791 King lode bears N. 23°04'30" W., 301.67 ft. dist. Cor. Nos. 3 and 4, M.S. No. 4630 Am. BS&K No. 3 and BS&K No. 4 lodes, respectively, and Cor. No. 4, M.S. No. 4630 Am. and M.S. No. 4696 BS&K No. 4 lode, bears S. 78°20' E., 181.49 ft. dist. Thence N. 66°57' E.
149.42	Intersect line 2-3, BS&K No. 3 lode, common with line 4-1, BS&K No. 4 lode, both of M.S. No. 4630 Am. and common with line 4-1, M.S. No. 4696 BS&K No. 4 lode, at a point from which Cor. Nos. 3, 4 and 4, respectively, bears S. 22°55' E., 103.36 ft. dist.
157.42	Intersect line 2-3, M.S. No. 2791 King lode, at a point from which Cor. No. 2 bears N. 50°37'40" W., 340.33 ft. dist.
158.	Gulch, 50 ft. wide, course N. 55° W.
300.00	Lode line; discovery point bears S. 23°07' E., 200 ft. dist.
415.	Drill road, 12 ft. wide, bears N. 80° W. and S. 80° E.
442.90	Intersect line 2-3 of the NSB 11 lode of this survey.
600.00	Cor. No. 4 Set an iron pin, 5/8 ins. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-ET11-4-4744, with mound of stone alongside.

FEET	
	Thence S. 23°07' E.
75.	Drill road, 12 ft. wide, bears S. 75° W. and N. 75° E.
104.49	Intersect line 3-4, M.S. No. 4630 Am., and M.S. No. 4696 BS&K No. 4 lode, at a point from which Cor. Nos. 3, respectively, bears N.67°05'40"E., 115.47 ft. dist.
402.31	Intersect line 3-4 of the NSB 6 lode, common with line 1-2 of the NSB 11 lode of this survey.
550.	Gulch, 2 ft. wide, course S. 35° W.
680.	Gulch, 40 ft. wide, course N. 65° W.
749.60	Cor. No. 1, and place of beginning.
NSB 11 LODE	
	Beginning at Cor. No. 1 of the NSB 11 lode, identical with Cor. Nos. 2, 3 and 4 of the NSB 12, NSB 5 and NSB 6 lodes, respectively, of this survey; from which
	The 1/4 sec. cor. of secs. 33 and 34 bears S. 77°22'20" E., 1953.49 ft. dist., heretofore described.
	Thence S. 66°53' W.
300.00	Lode line; discovery point bears N. 23°07' W., 100 ft. dist.
442.90	Intersect line 4-1 of the El Tiro 11 lode of this survey.
600.00	Cor. No. 2, identical with Cor. No. 3 of the NSB 6 lode of this survey; from which
	Cor. Nos. 3, M.S. No. 4630 am. and M.S. No. 4696 BS&K No. 4 lode, bears N. 19°23'20" E., 403.41 ft. dist.
	Thence N. 23°07' W.
298.40	Intersect line 3-4, M.S. No. 4630 Am. and M.S. No. 4696, BS&K No. 4 lode, at a point from which Cors. No. 3, bears N. 67°05'40" E., 272.58 ft. dist.
385.	Drill road, 12 ft. wide, bears East and West.
402.50	Intersect line 3-4 of the El Tiro 11 lode of this survey.
435.	Gulch, 10 ft. wide, course S. 75° W. to this point, S. 35° W. below this point.
515.	Drill road, 12 ft. wide, bears N. 45° E. and S. 45° W.

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FEET	
648.	Drill road, 12 ft. wide, bears N. 80° W. and S. 80° E.
1489.64	Intersect line 2-3, M.S. No. 4682 Gap No. 1 lode, at a point from which Cor. No. 2 bears N. 70°01'50" E., 891.14 ft. dist.
1500.00	Cor. No. 3. Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB11-3-4744, with mound of stone alongside; from which Cor. No. 2, M.S. No. 4630 Am. and M.S. No. 4696 BS&K No. 4 lode, bears N. 20°06'40" E., 405.55 ft. dist. Thence N. 66°53' E.
276.73	Intersect line 2-3, M.S. No. 4630 Am. and M.S. No. 4696 BS&K No. 4 lode, at a point from which Cor. No. 3 bears S. 22°55' E., 1202.61 ft. dist.
300.00	Lode line; discovery point bears S. 23°07' E., 1400 ft. dist.
494.	Gulch, 3 ft. wide, course N. 40° W.
535.	Drill road, 12 ft. wide, bears N. 80° W. and S. 80° E.
600.00	Cor. No. 4, identical with Cor. No. 3 of the NSB 12 lode of this survey. Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB11-4-NSB12-3-4744, with mound of stone alongside; from which Cor. No. 4, M.S. No. 4630 Am. New York lode, bears S. 71°00'10" W., 194.11 ft. dist. Thence S. 23°07' E.
35.	Drill road, 12 ft. wide, bears East and West.
43.35	Intersect line 2-3, M.S. No. 4682 Gap No. 1 lode, at a point from which Cor. No. 2 bears N. 70°01'50" E., 290.23 ft. dist.
1165.	Gulch, 7 ft. wide, course West.
1500.00	Cor. No. 1, and place of beginning.
NSB 12 LODE	
Beginning at Cor. No. 1 of the NSB 12 lode, identical with Cor. Nos. 2, 3, and 4 of the NSB 13, NSB4, and NSB 5 lodes, respectively, of this survey; from which	

FEET	
	The $\frac{1}{2}$ sec. cor. of secs. 33 and 34 bears S. $63^{\circ}55'$ E., 1507.81 ft. dist., heretofore described.
	Thence S. $66^{\circ}53'$ W.
215.	Gulch, 5 ft. wide, course N. 65° W.
300.00	Lode line; discovery point bears N. $23^{\circ}07'$ W., 100 ft. dist.
600.00	Cor. No. 2, identical with Cor. Nos. 3, 4 and 1 of the NSB 5, NSB 6, and NSB 11 lodes, respectively, of this survey.
	Thence N. $23^{\circ}07'$ W.
335.	Gulch, 7 ft. wide, course West.
1456.65	Intersect line 2-3, M.S. No. 4682 Gap No. 1 lode, at a point from which Cor. No. 2 bears N. $70^{\circ}01'50''$ E., 290.23 ft. dist.
1465.	Drill road, 12 ft. wide, bears East and West.
1500.00	Cor. No. 3, identical with Cor. No. 4 of the NSB 11 lode of this survey; from which Cor. No. 2, M.S. No. 4682 Gap No. 1 lode, bears N. $78^{\circ}26'40''$ E., 295.80 ft. dist.
	Thence N. $66^{\circ}53'$ E.
80.	Gulch, 20 ft. wide, course West to this point; N. 80° W. below this point.
200.	Gulch, 25 ft. wide, course S. 55° W.
287.65	Intersect line 4-1, M.S. No. 4682 BS&K No. 15-X AMENDED lode, at a point from which Cor. No. 4 bears S. $25^{\circ}07'15''$ E., 181.29 ft. dist.
293.14	Intersect line 1-2, M.S. No. 4682 Gap No. 1 lode, at a point from which Cor. No. 2 bears S. $19^{\circ}53'40''$ E., 59.37 ft. dist.
300.00	Lode line; discovery point bears S. $23^{\circ}07'$ E., 1400 ft. dist.
325.	Gulch, 20 ft. wide, course S. 80° W.
600.00	Cor. No. 4, identical with Cor. No. 3 of the NSB 13 lode of this survey. Set an iron pin, $\frac{5}{8}$ ins. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB12-4-NSB13-3-4744, with mound of stone alongside; from which Cor. No. 4, M.S. No. 4682 BS&K No. 15-X AMENDED lode, bears S. $36^{\circ}16'30''$ W., 355.84 ft. dist.
	Thence S: $23^{\circ}07'$ E.

FEET	
123.	Gulch, 20 ft. wide, course N. 85° W.
187.93	Intersect line 3-4, M.S. No. 4682 BS&K No. 15-X AMENDED lode, at a point from which Cor. No. 4 bears S. 68°08'45" W., 306.33 ft. dist.
220.	Drill road, 12 ft. wide, bears East and West.
366.	Gulch, 2 ft. wide, course West.
455.	Gulch, 3 ft. wide, course N. 70° W.
1500.00	Corner No. 1, and place of beginning.
NSB 13 LODE	
	Beginning at Cor. No. 1 of the NSB 13 lode, identical with Cor. Nos. 1, 2 and 4 of the NSB 14, NSB 3 and NSB 4 lodes, respectively, of this survey; from which
	The $\frac{1}{2}$ sec. cor. of secs. 33 and 34 bears S. 41°47' E., 1204.52 ft. dist., heretofore described.
	Thence S. 66°53' W.
300.00	Lode line; discovery point bears N. 23°07' W., 100 ft. dist.
600.00	Cor. No. 2, identical with Cor. Nos. 3, 4 and 1 of the NSB 4, NSB 5 and NSB 12 lodes, respectively, of this survey.
	Thence N. 23°07' W.
1045.	Gulch, 3 ft. wide, course N. 70° W.
1134.	Gulch, 2 ft. wide, course West.
1280.	Drill road, 12 ft. wide, bears East and West.
1312.07	Intersect line 3-4, M.S. No. 4682 BS&K No. 15-X AMENDED lode, at a point from which Cor. No. 4 bears S. 68°08'45" W., 306.33 ft. dist.
1377.	Gulch, 20 ft. wide, course N. 85° W.
1500.00	Cor. No. 3, identical with Cor. No. 4 of the NSB 12 lode of this survey.
	Thence N. 66°53' E.
300.00	Lode line; discovery point bears S. 23°07' E., 1400 ft. dist.
347.97	Intersect line 3-4, M.S. No. 4682 Georgetown lode, at a point from which Cor. No. 4 bears S. 86°23'55" W., 546.52 ft. dist.
386.	Drill road, 12 ft. wide, bears N. 45° W. and S. 45° E.
600.00	Cor. No. 4, identical with Cor. No. 2 of the NSB 14 lode of this survey.

FEET	
	<p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB13-4-NSB14-2-4744, with mound of stone alongside.</p> <p style="text-align: center;">Thence S. 23°07' E.</p>
89.33	Intersect line 3-4, M.S. No. 4682 Georgetown lode, at a point from which Cor. No. 3 bears N. 86°23'55" E., 216.94 ft. dist.
201.15	Intersect line 3-4, M.S. No. 4682 BS&K No. 15-X AMENDED lode, at a point from which Cor. No. 3 bears N. 68°08'45" E., 574.73 ft. dist.
225.	Drill road, 12 ft. wide, bears N. 55° E. and S. 55° W.
380.	Gulch, 3 ft. wide, course West.
410.	Drill road, 12 ft. wide, bears N. 50° W. and S. 50° E.
475.	Drill road, 12 ft. wide, bears N. 30° E. and S. 30° W.
690.	Gulch, 25 ft. wide, course West.
825.	Drill road, 12 ft. wide, bears N. 70° W. and S. 70° E.
1500.00	Cor. No. 1, and place of beginning.
	NSB 14 LODE
	<p>Beginning at Cor. No. 1 of the NSB 14 lode, identical with Cor. Nos. 2, 4 and 1 of the NSB 3, NSB 4, and NSB 13 lodes, respectively, of this survey; from which</p> <p>The 1/4 sec. cor. of secs. 33 and 34 bears S. 41°47' E., 1204.52 ft. dist., heretofore described.</p> <p style="text-align: center;">Thence N. 23°07' W.</p>
675.	Drill road, 12 ft. wide, bears N. 70° W. and S. 70° E.
810.	Gulch, 25 ft. wide, course West.
1025.	Drill road, 12 ft. wide, bears N. 30° E. and S. 30° W.
1090.	Drill road, 12 ft. wide, bears N. 50° W. and S. 50° E.
1120.	Gulch, 3 ft. wide, course West.
1275.	Drill road, 12 ft. wide, bears N. 55° E. and S. 55° W.
1298.85	Intersect line 3-4, M.S. No. 4682 BS&K No. 15-X AMENDED lode, at a point from which Cor. No. 3 bears N. 68°08'45" E., 574.73 ft. dist.

FEET	
1410.67	Intersect line 3-4, M.S. No. 4682 Georgetown lode, at a point from which Cor. No. 3 bears N. 86°23'55" E., 216.94 ft. dist.
1500.00	Cor. No. 2, identical with Cor. No. 4 of the NSB 13 lode of this survey; from which Cor. No. 3, M.S. No. 4682 Georgetown lode, bears S. 74°45'40" E., 260.75 ft. dist. Thence N. 66°53' E.
103.	Drill road, 12 ft. wide, bears N. 45° W. and S. 45° E.
219.24	Intersect line 2-3, M.S. No. 4682 Georgetown lode, at a point from which Cor. No. 3 bears S. 17°54'10" E., 162.48 ft. dist.
300.00	Lode line; discovery point bears S. 23°07' E., 1400 ft. dist.
566.80	Intersect line 2-3, M.S. No. 4682 BS&K No. 15-X AMENDED lode, at a point from which Cor. No. 3 bears S. 25°12' E., 213.95 ft. dist.
600.00	Cor. No. 3 Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with aluminum cap mkd. X-NSB14-3-4744, with mound of stone alongside; from which Cor. No. 3, M.S. No. 4682 BS&K No. 15-X AMENDED lode, bears S. 16°20'10" E., 215.32 ft. dist. Thence S. 23°07' E.
1010.	Gulch, 1 ft. wide, course S. 40° W.
1145.	Gulch, 2 ft. wide, course S. 40° W.
1490.	Gulch, 30 ft. wide, course N. 65° W.
1500.00	True point for Cor. No. 4, identical with Cor. No. 3 of the NSB 3 lode of this survey, witnessed S. 66°53' W., 100 ft. dist. This cor. falls in the channel of a large gulch, 30 ft. wide, course N. 65° W., where a permanent monument cannot be established. Thence S. 66°53' W.
100.00	Witness Cor. No. 4, identical with Witness Cor. No. 3 of the NSB 3 lode of this survey.
300.00	Lode line; discovery point bears N. 23°07' W., 100 ft. dist.
600.00	Cor. No. 1, and place of beginning.

F E E T	A R E A S	<u>A c r e s</u>
	Total area, NSB 1 lode - - - - -	20.661
	Area in conflict with--	
	M.S. No. 4329 Raleigh No. 2 lode - - - -	10.836
	M.S. No. 4329 Raleigh No. 2 lode, exclu- sive of its conflict with M.S. No. 4329	
	Eugene Mine lode - - - - -	10.189
	M.S. No. 4329 Eugene Mine lode - - - - -	3.584
	Total area, NSB 2 lode - - - - -	20.661
	Area in conflict with--	
	M.S. No. 4329 Raleigh No. 2 lode - - - -	0.001
	Total area, NSB 3 lode - - - - -	20.661
	Total area, NSB 4 lode - - - - -	20.661
	Area in conflict with--	
	M.S. No. 4329 Bobby lode - - - - -	6.103
	M.S. No. 4329 Eugene Mine lode - - - - -	0.309
	Total area, NSB 5 lode - - - - -	20.661
	Area in conflict with--	
	M.S. No. 4329 Bobby lode - - - - -	8.061
	M.S. No. 4329 Eugene Mine lode - - - - -	0.498
	Total area, NSB 6 lode - - - - -	20.661
	Area in conflict with--	
	M.S. No. 1987 Strip lode - - - - -	0.076
	M.S. No. 2513 Ruby lode- - - - -	2.966
	M.S. No. 2791 King lode- - - - -	1.599
	M.S. No. 4329 Bobby lode - - - - -	5.941
	M.S. No. 4329 Bobby lode, exclusive of its conflict with M.S. No. 2513	
	Ruby lode- - - - -	4.994
	M.S. No. 4329 Eugene Mine lode - - - - -	0.433
	M.S. No. 4329 Eugene Mine lode, exclusive of its conflict with M.S. No. 2513	
	Ruby lode- - - - -	0.426
	Total area, NSB 8 lode - - - - -	10.331
	Area in conflict with--	
	M.S. No. 2513 Ruby lode- - - - -	3.630
	M.S. No. 2791 Columbia lode- - - - -	0.215
	M.S. No. 2791 Columbia lode, exclusive of its conflict with M.S. No. 2513	
	Ruby lode- - - - -	0.189
	M.S. No. 2791 King lode- - - - -	5.143
	M.S. No. 2791 King lode, exclusive of its conflict with M.S. No. 2513	
	Ruby lode- - - - -	5.136
	NSB 6 lode of this survey- - - - -	2.705
	NSB 6 lode of this survey, exclusive of its conflict with:	
	(1) M.S. No. 2513 Ruby lode- - - - -	1.935
	(2) M.S. No. 2791 King lode- - - - -	1.570
	(3) M.S. No. 2513 and 2791 Ruby and King lodes - - - - -	0.800
	Total area, El Tiro 11 lode- - - - -	10.325
	Area in conflict with--	
	M.S. No. 2791 King lode- - - - -	6.070
	M.S. No. 4630 Am. BS&K No. 3 lode- - - -	0.353
	M.S. No. 4630 Am. BS&K No. 3 lode exclu- sive of its conflict with M.S. No. 2791	
	King lode- - - - -	0.000

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FEET	Acres
M.S. No. 4630 Am. BS&K No. 4 lode- - - -	1.075
M.S. No. 4630 Am. BS&K No. 4 lode exclu- sive of its conflict with M.S. No. 2791 King lode- - - - -	0.992
M.S. No. 4696 BS&K No. 4 lode- - - - -	1.075
M.S. No. 4696 BS&K No. 4 lode, exclusive of its conflict with M.S. No. 2791 King lode- - - - -	0.992
NSB 6 lode of this survey- - - - -	1.252
NSB 6 lode of this survey, exclusive of its conflict with M.S. No. 2791 King lode - - - - -	1.008
NSB 11 lode of this survey - - - - -	1.451
NSB 11 lode of this survey, exclusive of its conflict with-- (1) M.S. No. 4630 Am. BS&K No. 4 lode	1.075
(2) M.S. No. 4696 BS&K No. 4 lode- -	1.075
(3) M.S. No. 4630 Am. and 4696 BS&K No. 4 lodes- - - - -	1.075
Total area, NSB 11 lode- - - - -	20.661
Area in conflict with--	
M.S. No. 4682 Gap No. 1 lode - - - - -	0.370
M.S. No. 4696 BS&K No. 4 lode- - - - -	7.580
M.S. No. 4696 BS&K No. 4 lode, exclusive of its conflict with M.S. No. 4682 Gap No. 1 lode - - - - -	7.466
M.S. No. 4630 Am. BS&K No. 4 lode- - - -	7.580
M.S. No. 4630 Am. BS&K No. 4 lode, exclu- sive of its conflict with M.S. No. 4696 BS&K No. 4 lode- - - - -	0.000
M.S. No. 4630 Am. BS&K No. 4 lode, exclusive of its conflict with M.S. No. 4682 Gap No. 1 lode- - - - -	7.466
M.S. No. 4630 Am. BS&K No. 4 lode, exclusive of its conflict with M.S. No. 4696 BS&K No. 4 lode and M.S. No. 4682 Gap No. 1 lode - - - - -	0.000
Total area, NSB 12 lode- - - - -	20.661
Area in conflict with--	
M.S. No. 4682 Gap No. 1 lode - - - - -	0.344
M.S. No. 4682 Gap No. 1 lode, exclusive of its conflict with M.S. No. 4682 BS&K No. 15-X AMENDED lode - - - - -	0.340
M.S. No. 4682 BS&K No. 15-X AMENDED lode	1.310
Total area, NSB 13 lode- - - - -	20.661
Area in conflict with--	
M.S. No. 4682 BS&K No. 15-X AMENDED lode	2.680
M.S. No. 4682 Georgetown lode- - - - -	0.258
M.S. No. 4682 BS&K No. 15-X AMENDED lode, exclusive of its conflict with M.S. No. 4682 Georgetown lode- - - - -	2.422
Total area, NSB 14 lode- - - - -	20.661
Area in conflict with--	
M.S. No. 4682 BS&K No. 15-X AMENDED lode	2.718
M.S. No. 4682 Georgetown lode- - - - -	0.617
M.S. No. 4682 BS&K No. 15-X AMENDED lode, exclusive of its conflict with M.S. No. 4682 Georgetown lode- - - - -	2.101

FEET	LOCATION
	<p>This survey is located in Section 33 and the West 1/2 of Section 34, T. 11 S., R. 8 E., G. & S.R.M.</p> <p>The survey of these lodes is identical with the location or amended location as marked on the ground.</p> <p style="text-align: center;">EXPENDITURES</p> <p>The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced is said mining claim by the claimant or its grantors are as follows:</p>
No. 1	<p>The discovery shaft of the NSB 1 lode, the center of which being the discovery point, is on the lode line 400 ft. from the center of line 4-1; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>
No. 1	<p>The discovery shaft of the NSB 2 lode, the center of which being the discovery point, is on the lode line 100 ft. from the center of line 1-2; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>
No. 1	<p>The discovery shaft of the NSB 3 lode, the center of which being the discovery point, is on the lode line 100 ft. from the center of line 2-3; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>
No. 1	<p>The discovery shaft of the NSB 4 lode, the center of which being the discovery point, is on the lode line 100 ft. from the center of line 3-4; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>
No. 1	<p>The discovery shaft of the NSB 5 lode, the center of which being the discovery point, is on the lode line 100 ft. from the center of line 3-4; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>
No. 1	<p>The discovery shaft of the NSB 6 lode, the center of which being the discovery point, is on the lode line 100 ft. from the center of line 3-4; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>
No. 1	<p>The discovery hole of the NSB 8 lode, a drill hole, 2 ins. diam., and 10 ft. deep, the center of which being the discovery point, is on the lode line 300 ft. from the center of line 2-3. Value, \$100.</p>
No. 1	<p>The discovery shaft of the El Tiro II lode, the center of which being the discovery point, is on the lode line 200 ft. from the center of line 3-4; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>
No. 1	<p>The discovery shaft of the NSB 11 lode, the center of which being the discovery point, is</p>

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	<p>on the lode line 100 ft. from the center of line 1-2; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>	
No. 1	<p>The discovery shaft of the NSB 12 lode, the center of which being the discovery point, is on the lode line 100 ft. from the center of line 1-2; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>	
No. 1	<p>The discovery shaft of the NSB 13 lode, the center of which being the discovery point, is on the lode line 100 ft. from the center of line 1-2; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>	
No. 1	<p>The discovery shaft of the NSB 14 lode, the center of which being the discovery point, is on the lode line 100 ft. from the center of line 4-1; 4 x 6 ft., 8 ft. deep. Value, \$100.</p>	
	<p>An interest in common improvements made upon or for the benefit of all of the 12 contiguous lodes embraced in the survey, by the claimant or its grantors are as follows:</p>	
	<p>A churn drill hole, 13 ins. diam. at the collar and 190 ft. deep, bears N. 55°16' W., 916 ft. from Cor. No. 1, NSB 5 lode. Value, \$1300.</p>	
	<p>A churn drill hole, 8 ins. diam. at the collar and 165 ft. deep, bears S. 2°38' E., 546 ft. from Cor. No. 4 NSB 6 lode, Value, \$800.</p>	
	<p>A churn drill hole, 8 ins. diam. at the collar and 205 ft. deep, bears S. 52°24' E., 286 ft. from Cor. No. 3, NSB 6 lode. Value, \$1000.</p>	
	<p>A diamond drill hole, 3 ins. diam. at the collar and 200 ft. deep, bears S. 72°45' E., 55 ft. from Cor. No. 3, NSB 6 lode. Value, \$1400.</p>	
	<p>A churn drill hole, 13 ins. diam. at the collar and 175 ft. deep, bears S. 81°15' E., 258 ft. from Cor. No. 3, El Tiro 11 lode. Value, \$1200.</p>	
	<p>A diamond drill hole, 3 ins. diam. at the collar and 345 ft. deep, bears N. 87°36' E., 96 ft. from Cor. No. 3, NSB 11 lode. Value, \$2400.</p>	
	<p>A churn drill hole, 8 ins. diam. at the collar and 195 ft. deep, bears S. 0°57' E., 240 ft. from Cor. No. 4, NSB 11 lode. Value, \$1000.</p>	
	<p>Value of drill holes, \$9100.00 Value of one-twelfth interest, \$758.33 The area embraced in this survey lies in a large basin and the mineralization is in the formation of low-grade disseminated material.</p>	

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	<p>Five hundred collars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore an undivided 1/12th interest in their total value is hereby credited to each of the 12 lodges embraced in this survey.</p> <p>OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p>M.S. No. 1987 Strip lode; Cor. No. 1, identical with Cor. No. 5 M.S. No. 1987 John F. lode, was a badly decayed wooden post, bearing faint markings. I replaced same with a 5/8 in. iron pin, with aluminum cap, properly mkd. and firmly set, with data from the two bearing-rocks, near the center of the original stone mound. Cor. No. 4 was a 2-inch pipe, with lead cap set loosely in the original stone mound. I firmed it up in accordance with measurements from the two bearing-rocks. Line 3-4 was found to bear N. 7°35'30" W. instead of N. 7°27' W., as approved in M.S. No. 4329; distance was found to be correct as approved in M.S. No. 4329. Line 4-1 was found to be S. 81°37' W., 91.79 ft. instead of S. 81°31' W., 91.80 ft. as approved.</p> <p>M.S. No. 1987 John F. lode: Cor. Nos. 1, and 6 were both disturbed, but all of their bearing-rocks survived and I was able to ascertain their true positions in each case. Cor. No. 5, identical with Cor. No. 1, M.S. No. 1987 Strip lode, described above. Cor. No. 1 falls in the fill of a service road and its location is such that it cannot be occupied.</p> <p>M.S. No. 2513 Ruby lode: Cor. No. 1 was obliterated, but I replaced same with a 5/8 in. iron pin, with aluminum cap, from the bearing rock. Cor. Nos. 2, 3 and 4 were 2-inch iron pipes, with lead caps, firmly set and properly mkd., in large, well-built stone monuments. Cor. No. 3, M.S. No. 1819 Belle lode, was re-set from the two bearing rocks and replaced by a 5/8 in. iron pin, with aluminum cap. This corner falls on line 4-5, Ruby lode, and is the only means I had of determining the direction of said line, as Cor. No. 5 is buried by the large waste dump. Line 1-2 is N. 79°39'50" E., 1476.30 ft. instead of N. 79°42' E., 1480.0 ft. as approved; line 2-3 is S. 1°17'10" E., 299.69 ft. instead of S. 1°30' E., 302.01 ft. as approved. That portion of line 4-5 which can be identified is S. 82°04'50" W., 746.00 ft. instead of S. 81°57' W., 746.00 ft. as approved. Line 3-4 was found to be S. 13°24' E., 264.30 ft. instead of S. 13°41' E., 264.00 ft. as approved in M.S. No. 2513 and 4329, respectively.</p> <p>M.S. No. 4791 King lode: Line 2-3 is S. 50°37'40" E., 1499.03 ft. instead of S. 50°40' E., 1500.00 ft. as approved; line 3-4 is S. 49°29'50" W., 608.86 ft. instead of S. 49°27' W., 609.00 ft. as approved. Cor. No. 3 is a stone, firmly set and properly mkd. Cor. No. 4 is an iron pin, 5/8 in. diam. near the center of a flattened stone mound, to which I</p>	

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added an aluminum cap mkd. X-K-3-2791. Cor. No. 2 is obliterated, and I saw no bearing-objects. I used the position as shown on the plat of M.S. No. 4630, B S & K No. 4 lode, although I saw nothing physically marking said position. Line 4-1 was found to be N. $50^{\circ}37'15''$ W., 1448.50 ft. and N. $50^{\circ}55'$ W., 50.88 ft. instead of N. $50^{\circ}40'$ W., 1500.00 ft. as approved. Cor. No. 1 is an iron pin, $\frac{5}{8}$ in. diam., 6 ins. above the ground in the center of an old stone mound.

M.S. No. 4329 Bobby lode: Line 1-2 is S. $7^{\circ}34'45''$ E., 607.30 ft. instead of S. $7^{\circ}27'$ E., 607.30 ft. as approved; line 2-3 is 1496.32 ft. instead of 1499.46 ft. as approved; line 3-4 is N. $7^{\circ}37'15''$ W., 607.60 ft. instead of N. $7^{\circ}27'$ W., 607.30 ft. as approved; line 4-1 is N. $66^{\circ}51'$ E., 1496.68 ft. instead of N. $66^{\circ}50'$ E., 1499.46 ft. as approved. Cor. Nos. 1 and 4 are pipes, 2 ins. diam., with lead cap firmly set and properly mkd. Cor. No. 3 was a 2-inch pipe, with lead cap, loosely set in the original stone mound. I firmed it up in accordance with measurements from the two-bearing rocks. Cor. No. 2 was lost; the flattened stone monument survives but is badly scattered.

M.S. No. 4329 Eugene Mine lode: Line 2-3 was found to be S. $66^{\circ}41'40''$ W., 1189.61 ft. and S. $66^{\circ}24'$ W., 308.05 ft. instead of S. $66^{\circ}50'$ W., 1191.3 ft. and S. $66^{\circ}40'$ W., 308.70 ft. as approved; line 4-5 was found to be N. $7^{\circ}35'30''$ W., 607.31 ft. instead of N. $7^{\circ}27'$ W., 607.30 ft. as approved. Line 5-1 was found to be S. $66^{\circ}50'$ W., 1496.32 ft. instead of S. $66^{\circ}50'$ W., 1499.46 ft. as approved. Cor. No. 5 is a lead cap, properly mkd. and was loose. I reset it according to bearing rock data and Cor. No. 1 is a stone mound, the center of which was used as the corner. Line 1-2 is S. $7^{\circ}34'45''$ E., 601.92 ft. instead of S. $7^{\circ}27'$ E., 606.4 ft. as approved. Cor. Nos. 3 and 4 are 2-inch pipes with lead caps, firmly set and properly mkd. The position for Cor. No. 2 falls near the center of a flattened stone monument.

M.S. No. 4329 Raleigh No. 2 lode: Line 3-4 was found to be N. $66^{\circ}32'30''$ E., 628.38 ft. instead of N. $66^{\circ}38'$ E., 628.9 ft. as approved; line 4-1 was found to be S. $5^{\circ}58'15''$ E., 1498.39 ft. instead of S. $5^{\circ}55'$ E., 1500 ft. as approved. Cor. Nos. 1, 3 and 4 are 2-inch pipes with lead caps, firmly set and properly mkd.

M.S. No. 4682 Gap No. 1 lode: Line 1-2 was found to be S. $19^{\circ}53'40''$ E., 564.58 ft. instead of S. $19^{\circ}56'48''$ E., 564.88 ft. as approved, line 2-3 was found to be S. $70^{\circ}01'50''$ W., 1499.16 ft. instead of S. $70^{\circ}01'52''$ W., 1499.60 ft. as approved. Cor. Nos. 1, 2, 3 and 4 are iron pins, $\frac{5}{8}$ in. diam., with aluminum caps firmly set and properly marked.

M.S. No. 4696 B S & K No. 4 lode: Line 2-3 was found to be S. $22^{\circ}55'$ E., 1498.12 ft. instead of S. $22^{\circ}56'31''$ E., 1497.21 ft. as approved. Line 3-4 was found to be S. $67^{\circ}05'40''$ W., 566.41 ft. instead of S. $67^{\circ}02'45''$ W., 566.41 ft. as approved. Line 4-1 was found to be N. $22^{\circ}55'$ W., 1496.98 ft. instead of N. $22^{\circ}56'30''$ W., 1497.21

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ft. as approved. Cor. Nos. 1, 2, 3 and 4 are iron pins, 5/8 in. diam., with aluminum caps, firmly set and properly mkd.

M.S. No. 4682 Georgetown lode: Line 2-3 was found to be S. 17°54'10" E., 421.72 ft. instead of S. 17°57'33" E., 421.72 ft. as approved; line 3-4 was found to be S. 86°23'55" W., 1030.85 ft. instead of S. 86°22'31" W., 1030.85 ft. as approved. All 4 corners are iron pins, 5/8 in. diam., with aluminum caps, firmly set and properly mkd.

M.S. No. 4682 BS&K No. 15-X Am. lode: Line 2-3 was found to be S. 25°12' E., 546.73 ft. instead of S. 25°04'55" E., 546.58 ft. as approved; line 3-4 was found to be S. 68°08'45" W., 1481.20 ft. instead of S. 68°07'05" W., 1481.42 ft. as approved. Line 4-1 was found to be N. 25°07'15" W., 571.79 ft. instead of N. 25°04'55" W., 571.46 ft. as approved. All 4 corners are iron pins, 5/8 in. diam., with aluminum caps firmly set and properly mkd.

M.S. No. 4630 Am. New York lode: Cor. No. 4 is an iron pin, 5/8 in. diam., with aluminum cap, firmly set and properly mkd.

M.S. 4329 Raleigh No. 1 lode: Cor. No. 4 is a 2-inch pipe, with lead cap firmly set and properly mkd.

M.S. No. 2791 Columbia lode: Line 2-3 was found to be S. 50°37'15" E., 1448.50 ft. instead of S. 50°40' E., 1500 ft. as approved; line 3-4 was found to be S. 39°56' W., 298.83 ft. instead of S. 39°50' W., 300 ft. as approved. Cor. Nos. 2 and 4 are both 2-inch iron pipes with lead caps properly mkd. and firmly set with stone mounds surrounding. Cor. No. 3 is a 5/8 in. iron pin, 6 ins. above the ground in the center of an old stone mound.

M.S. No. 4630 Amd. BS&K No. 3 lode: Line 2-3 was found to be S. 22°55' E., 1496.98 ft. instead of S. 22°56'31" E., 1497.21 ft. as approved; line 3-4 was found to be S. 67°05'40"W. 598.11 ft. instead of S. 67°02'45" W., 598.45 ft. as approved. Cor. Nos. 2 and 3 are both iron pins, 5/8 in. diam., with aluminum caps properly marked and firmly set. Cor. No. 4 is an iron pin, 5/8 in. diam., 6 ins. above ground, with aluminum cap properly mkd. and firmly set, with stone mound surrounding.

M.S. No. 4630 Amd. BS&K No. 4 lode: Data regarding lines and cors. are the same as that given for M.S. No. 4696 BS&K No. 4 lode.

FIELD ASSISTANTS

Hoyd J. Patty	Transitman
Stephen L. Patty	Chainman
Robert Lenon III	Chainman
James R. Schreiner	Flagman

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CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Robert Lenon	Date Nov. 27, 1973
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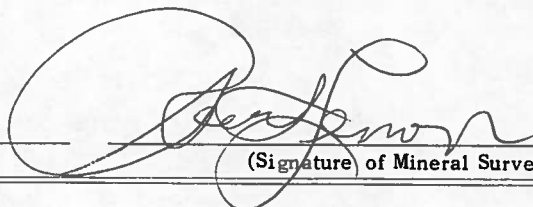
I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, at Phoenix, Arizona, dated June 7, 1973, I have carefully executed the survey of the claim of American Smelting and Refining Company, known as the (lode, placer, or mill site) NSB 1, NSB 2, NSB 3, NSB 4, NSB 5, NSB 6, NSB 8 situated in Secs. 33 & 34 El Tiro 11, NSB 11, NSB 12, NSB 13, NSB 14, Township 11 S., Range 8 E., Gila & Salt River Meridian, in the State of Arizona.

This survey, designated as number 4744, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

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

Patagonia, Arizona

(Location)

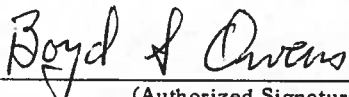


(Signature) of Mineral Surveyor

CERTIFICATE OF APPROVAL

Office Arizona State Office Location Phoenix, Arizona
Date December 19, 1977

The foregoing field notes of mineral survey number 4744, in Sections 33 & 34, Range 8 E., Gila and Salt River Meridian, in the State of Arizona, executed by Robert Lenon, Mineral Surveyor, under order dated June 7, 1973, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.



(Authorized Signature)

Boyd S. Owens

Chief, Branch of Cadastral Survey

(Title)

CERTIFICATE OF TRANSCRIPT

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

(Authorized Signature)

(Title)

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

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ARIZONA STATE OFFICE

9605 (942)
M.S. 4744

NOTICE OF CANCELLATION OF MINERAL SURVEY

The El Tiro 11, NSB 1 through 5, NSB 6, NSB 8, and NSB 11 through 14 lodes, Mineral Survey No. 4744, located in sections 33 and 34, Township 11 South, Range 8 East, Gila and Salt River Meridian, Arizona, are hereby canceled.

These lodes were relinquished by ASARCO Incorporated in a memo dated March 23, 1992.

This cancellation was necessitated to facilitate a proposed land exchange with ASARCO Incorporated and to clear the record.

The Mineral Survey Plat should be noted as follows:

"El Tiro 11, NSB 1 through 5, NSB 6, NSB 8, and NSB 11 through 14 lodes, M.S. 4744 were canceled March 23, 1992, by memo 9605 (942) M.S. 4744, which is now a part of the original field notes."

March 23, 1992
Date



Chief Cadastral Surveyor of Arizona

1935
No. 1234

THE STATE DEPARTMENT OF THE TERRITORY
OFFICE OF THE ATTORNEY GENERAL
ALBANY, N.Y.

OFFICE OF THE ATTORNEY GENERAL

That the undersigned, Attorney General of the Territory of Alaska, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the files of this office.

In testimony whereof, I have hereunto set my hand and the seal of the Territory of Alaska at the City of Juneau, this 15th day of August, 1935.

Witness my hand and the seal of the Territory of Alaska at the City of Juneau, this 15th day of August, 1935.

Attorney General

That the undersigned, Attorney General of the Territory of Alaska, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the files of this office.

James P. Kelly

Attorney General