

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey Number

4891

State

Arizona

Land District

Coronado National Forest

FIELD NOTES

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

Specialty Minerals Inc., c/o Mr. William Tilden, Esq.
600 North Arrowhead Avenue, Third Floor
San Bernardino, CA 92401

Known as the (name of group, if any)

Santa Rita Lode Mining Claims

NAME OF CLAIM(S)

NAME OF LOCATION	DATE			BLM MINING CLAIM SERIAL NUMBER
	LOCATED AND AMENDED	RECORDED WITH COUNTY	RECORDED WITH BLM	
Santa Rita 1	12/20/93	12/21/93	12/22/93	328734
Santa Rita 2	12/20/93	12/21/93	12/22/93	328735
Santa Rita 3	12/20/93	12/21/93	12/22/93	328736
Santa Rita 4	12/20/93	12/21/93	12/22/93	328737
Santa Rita 5	12/20/93	12/21/93	12/22/93	328738
Santa Rita 6	12/20/93	12/21/93	12/22/93	328739
Santa Rita 7	12/20/93	12/21/93	12/22/93	328740
Santa Rita 8	12/20/93	12/21/93	12/22/93	328741

LOCATION OF CLAIM(S)

Mining district Helvetia			County Pima	
Section 11, 12, 13, 14	Township 18 South	Range 15 East	Meridian Gila/Salt River	Survey under order dated January 4, 1994
Survey commenced January 5, 1994		Survey completed January 24, 1994	Name of Mineral Surveyor James A. LaPuzza	

Mineral Survey No. 4891

FEET

This survey was made with a Topcon GTS2/06 electronic semi-total station surveying instrument, Serial No. E50873 with a micrometer vernier reading to 6 seconds of arc, both horizontally and vertically. The objective lens is equipped with a removable colored lens for making direct observations of the sun. The instrument was in good adjustment at the time of the survey, and all measurement characteristics were properly verified.

All azimuths in this record were determined by the method of direct and reverse interior angles referred to the meridian determined by the following solar observation (altitude method).

January 23, 1994, at a reference point, Control Pt. No. 12NE, a No. 5 reinforcing rod, set by others found projecting 0.3 feet above ground and positioned northeast of the plant area, five feet south of the barbed wire fence which approximates the southerly line of the southeast quarter of section 11, Township 18 South, Range 15 East, G. & S.R.M., Arizona in latitude $31^{\circ}52'04''$ N., longitude $110^{\circ}46'41''$ W., elevation 4100 feet above sea level, and temperature of 60°F. , made a series of 6 altitude observations on the sun for azimuth, at approximately equal time intervals, 3 each with the telescope in direct and reverse positions, and reading the horizontal angle from the $\frac{1}{4}$ section corner of sections 11 and 14, Township 18 South, Range 15 East, G & S.R.M., 763.00 ft. westerly, monumented with a limestone, $19' \times 17' \times 9'$, lying flat with " $\frac{1}{4}$ " chiseled on top face, clockwise and southeasterly to the sun.

Mean time of observation, 105^{th} meridian mountain time = 10h 29m A.M.

Declination of the sun at mean time of observation = $19^{\circ}26'33''$ S.

Mean observation vertical angle to the sun's center = $30^{\circ}31'00''$

Mean horizontal angle to the sun's center from the $\frac{1}{4}$ corner = $235^{\circ}20'32''$ R.

True bearing to reference point = S. $89^{\circ}41'48''$ W.

All lines were measured with said Topcon GTS2/06 theodolite. The EDM was compared with a measured distance at the time of beginning the survey and found to be correct.

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

The mean magnetic declination observed at every corner of this survey gave a uniform value of $12^{\circ}00'$ E.

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FEET	
	SANTA RITA 1 LODE
	Beginning at Cor. No. 1, Santa Rita 1 Lode at Latitude 31°52'39"N, Longitude 110°46'31"W.
	Set an iron post, 2 ins. diam., 30 ins. long, 18 ins. in the ground, with alum. cap mkd. MS 4891 1SR1 SR2 S11 JAL 1994. Raised a mound of stone 2.5 ft. base, 1.5 ft. high around post; from which
	The cor. of secs. 11, 12, 13 and 14, Township 18 South, Range 15 East, G. & S.R.M., an iron post, firmly set, projecting 18 ins. above the ground, with G.L.O. brass cap, mkd. S11 S12 S13 S14 1913, and in a mound of stone, 4 ft. base, 2.5 ft. high bears S. 15°22'10" E., 3671.35 ft. dist.
	Reference Monument No. 1, an alum. disc, 2 ins. diam., mkd. MS 4891 RM1 JAL 1994, which I set firmly onto top of gray rock outcrop on ridgetop, bears N. 65°36'40" E., 201.87 ft. dist.
	Reference Monument No. 2, an iron pipe, ¼ in. diam., 30 ins. long, which I set firmly in center of very old mound of stone, 7 ft. base, 4 ft. high, found in place on ridgetop, and with alum. cap. mkd. MS 605 USMM No.2 1884 MS 4891 RM2 JAL 1994, bears S. 57°56'15" E., 291.76 ft. dist.
	Identical with corner of location.
	Thence S. 4°09'11" E.
	Ascend NW slope of ridge.
440.	Narrow ridgetop bears N. 45° E. and S. 45° W.
	Ascend E slope through mine overburden.
1205.	Mine haul road, 20 ft. wide, bears N. 75° W. and S. 75° E. Enter active mine area.
	Ascend NE slope.
1500.00	True point for Cor. No. 2, identical with Cor. No. 4, Santa Rita 3 Lode and Cor. No. 2, Santa Rita 4 Lode of this survey.
	Monument not set. Position falls on edge of active mine pit.
	No bearing objects.

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FEET	
	<p>Identical with corner of location.</p> <p style="text-align: center;">Thence S. 85°50'49" W.</p>
60.00	<p>Cor. No. 4, Santa Rita 2 Lode of this survey, hereinafter described.</p>
265.	<p>Leave active mine pit and descend steep W slope of mountain.</p>
300.00	<p>Lode Line. Discovery Monument, a 2 ins. by 4 ins. wood post, painted red, firmly set, projecting 4 ft. above ground and mkd. DM SR1, bears N. 4°09'11" W., 400.0 ft. distant.</p>
535.	<p>Mine haul road, 20 ft. wide, bears N. 10° E. and S. 10° W.</p> <p>Descend steep W slope through mine overburden.</p>
600.00	<p>True point for Cor. No. 3, identical with Cor. No. 3, Santa Rita 3 Lode of this survey.</p> <p>Monument not set. Active overburden slope occupies true corner position; from which</p> <p style="padding-left: 40px;">Reference Monument No. 3, an alum. disc., 2 ins. diam., mkd. MS4891 RM3 JAL 1994, which I set firmly onto top of 6 ft. diam. brown boulder, bears S. 34°32'04" W., 441.75 ft. dist.</p> <p>No other bearing objects.</p> <p>Identical with corner of location.</p> <p style="text-align: center;">Thence N. 4°09'11" W.</p> <p>Descend NW slope through overburden.</p>
840.	<p>Top of spur slopes N. 60° W.</p> <p>Descend NE slope.</p>
1415.	<p>Ravine, 10 ft. wide, drains N. 30° W.</p> <p>Ascend SW slope.</p>
1500.00	<p>Cor. No. 4.</p> <p>Set an iron post, 2 ins. diam., 30 ins. long, 14 ins. in the ground, with an alum. cap mkd. MS4891 4SR1 S11 JAL, 1994. Raised a mound of stone, 3 ft. base, 1.5 ft. high around post.</p>

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FEET	
	No bearing objects.
	Identical with corner of location.
	Thence N. 85°50'49" E.
	Ascend SW slope.
175.	Top of spur slopes N. 50° W.
300.00	Lode Line. Discovery Monument, hereinbefore described, bears S. 4°09'11" E., 1100.0 ft. dist.
	Along N slope of hill.
465.	Ascend SW slope of spur.
540.00	Cor. No. 1, Santa Rita 2 Lode of this survey, hereinafter described.
600.00	Cor. No. 1, and place of beginning.
SANTA RITA 2 LODE	
Beginning at Cor. No. 1, Santa Rita 2 Lode, on line 4-1, Santa Rita 1 Lode of this survey.	
Set an iron post, 2 ins. diam., 30 ins. long, 18 ins. in the ground, with alum. cap mkd. MS 4891, 1SR2, SR1, S11, JAL, 1994, raised a mound of stone 2.5 ft. base, 1.5 ft. high around post; from which	
The cor. of secs. 11, 12, 13 and 14, hereinbefore described, bears S. 16°17'06" E., 3683.49 ft. dist.	
Reference Monument No.1, hereinbefore described, bears N. 70°12'25" E., 259.00 ft. dist.	
Reference Monument No.2, hereinbefore described, bears S. 63°53'13" E., 342.01 ft. dist.	
Identical with corner of location.	
Thence N. 85°50'49" E.	
Ascend W slope of spur.	

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FEET	
60.00	Cor. No. 1, Santa Rita 1 Lode of this survey, hereinbefore described.
260.	Top of narrow spur slopes N. 20° W. Descend E slope of spur.
300.00	Lode Line. Discovery Monument, a 2 ins. by 4 ins. wood post, painted red, firmly set, projecting 4 ft. above ground and mkd. DM SR2, bears S. 4°09'11" E., 1430.0 ft. dist.
600.00	Cor. No. 2. Set an iron post, 2 ins. diam., 30 ins. long, 16 ins. in the ground, with alum. cap mkd. MS 4891 2SR2 S11 JAL 1994. Raised mound of stone 2.5 ft. base, 1 ft. high around post; from which Reference Monument No. 1, hereinbefore described, bears N. 82°53'23" W., 357.48 ft. dist. Reference Monument No. 2, hereinbefore described, bears S. 56°20'31" W., 350.00 ft. dist. Cor. No. 2, Mineral Survey No. 605 (unpatented), a very old mound of stone, 4 ft. base, 2.5 ft. high (post missing) bears S. 39°09'48" E., 960.47 ft. dist. Identical with corner of location.
	Thence S. 4°09'11" E.
	Along E slope.
420.	A dirt road, 10 ft. wide, bears N. 50° E. and S. 50° W. Descend.
495.	A ravine, 5 ft. wide, drains N. 50° E. Ascend NW slope of spur.
830.	Same dirt road, 10 ft. wide, bears N. 80° W. and S. 70° E.
915.	Top of spur slopes N. 50° E. Descend SE slope of spur.
965.	Fork of same dirt road bears N. 60° E., S. 70° W. and S. 15° W.

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FEET	
	Begin gradual ascent.
1240.	South end of E fork of same dirt road. Enter active mine area.
	Continue gradual ascent through coarse scattered overburden.
1500.00	Cor. No. 3
	Set an iron post, 2 ins. diam., 30 ins. long, 12 ins. in the ground, with alum. cap mkd. MS 4891 3SR2 SR4 S11 JAL 1994.
	Raised a mound of stone, 4 ft. base, 2 ft. high around post; from which
	Cor. No. 2, MS605, hereinbefore described bears
	N. 33°31'58" E., 901.38 ft. dist.
	No other bearing objects.
	Identical with corner of location.
	Thence S. 85°50'49" W.
	Ascend N slope of overburden.
265.	Mine haul road, 20 ft. wide, bears N. 15° W. and S. 15° E.
	Ascend gradually through active mine area.
300.00	Lode Line. Discovery Monument, hereinbefore described, bears
	N. 4°09'11" W., 70.0 ft. dist.
540.00	True point for Cor. No. 2, Santa Rita 1 Lode, identical with
	Cor. No. 4, Santa Rita 3 Lode and Cor. No. 2, Santa Rita 4
	Lode, of this survey, hereinbefore described.
600.00	Point for Cor. No. 4, on line 2-3, Santa Rita 1 Lode of this
	survey.
	Monument not set. Position falls in active mine pit.
	No bearing objects.
	Identical with corner of location.
	Thence N. 4°09'11" W.
90.	Leave mine pit.
	Descend through active mine area.

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FEET	
325.	Same haul road, 20 ft. wide, bears N. 70° W. and S. 70° E. Enter mine pit.
700.	Leave mine pit. Descend along ridge on NE slope of overburden.
1000.	Narrow ridge bears N. 40° E. and S. 40° W. Descend NE slope of ridge.
1500.00	Cor. No. 1 and place of beginning.
SANTA RITA 3 LODGE	
Beginning at Cor. No. 1, Santa Rita 3 Lode, identical with Cor. No. 1, Santa Rita 4 Lode of this survey.	
Set, on limestone outcrop, an alum. disc, 3¼ ins. diam., mkd. MS 4891 1SR3 1SR4 SR5 JAL 1994; from which	
The cor. of secs. 11, 12, 13 and 14, hereinbefore described, bears S. 54°03'34" E., 933.51 ft. dist.	
Reference Monument No. 5, an alum. disc, 2 ins. diam., mkd. MS 4891, RM5, JAL, 1994, which I set firmly onto rock ledge at toe of 250 ft. high limestone cliff, bears N. 19°27'37" E., 275.83 ft. dist.	
No other bearing objects.	
Identical with corner of location.	
Thence S. 85°50'49" W.	
Descend W slope of mountain.	
255.	Mine road, 10 ft. wide, bears N. 5° W. and S. 5° E.
300.00	Lode Line. Discovery Monument, a 2 ins. by 4 ins. wood post, painted red, firmly set projecting 4 ft. above ground and mkd. DM SR3, bears N. 4°09'11" W., 1330.0 ft. dist.
313.75	Intersect line 4-1, Santa Rita 5 Lode of this survey, Cor. No. 1, hereinafter described, bears N. 9°40'56" E., 261.27 ft. dist.
500.	Mine haul road, 25 ft. wide, bears North and South.
600.00	Cor. No. 2.

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FEET	
	<p>Set an iron post, 2 ins. diam. 30 ins. long, 12 ins. in the ground, with alum. cap mkd. MS 4891 2SR3 S11 JAL 1994. Raised a mound of stone, 3 ft. base, 1.5 ft. high around post; from which</p> <p>Reference Monument No. 4, an alum. disc., 2 ins. diam., mkd. MS 4891 RM4 JAL 1994, which I set firmly onto top of 10 ft. wide, 20 ft. long, 5 ft. high limestone boulder, bears S. 25°24'02" W., 111.55 ft. dist.</p> <p>The $\frac{1}{4}$ cor. of secs. 11 and 14, hereinbefore described, bears S. 69°34'44" W., 1365.98 ft. dist.</p> <p>Identical with corner of location.</p> <p>Thence N. 4°09'11" W.</p> <p>Ascend along W slope of mountain.</p>
675.	Flow line, drains S. 50° W.
	Ascend S slope of ridge.
1065.	Same haul road, 25 ft. wide, bears N. 50° W., and S. 45° E.
1255.	Top of ridge, in saddle, bears N. 75° E. and S. 75° W.
1260.00	<p>Witness Corner to Cor. No. 3, identical with Cor. No. 3, Santa Rita 1 Lode of this survey.</p> <p>Set an iron post, 2 ins. diam., 30 ins. long, 22 ins. in the ground, with alum. cap mkd. MS 4891 WC 3SR1 3SR3 COR 1S 240 FT. N. JAL 1994; from which</p> <p>Reference Monument No. 3, hereinbefore described, bears S. 65°03'39" W., 295.35 ft. dist.</p> <p>No other bearing objects.</p> <p>Descend NW slope of ridge.</p>
1335.	Same mine haul road, 20 ft. wide, bears N. 35° E. and S. 35° W.
1500.00	<p>True point for Cor. No. 3, identical with Cor. No. 3, Santa Rita 1 Lode of this survey, hereinbefore described.</p> <p>Identical with corner of location.</p> <p>Thence N. 85°50'49" E.</p>

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FEET	
	Ascend steep S slope through mine overburden.
65.	Same mine haul road, 20 ft. wide, bears N. 10°E. and S. 10° W.
	Ascend steep S slope of mountain.
300.00	Lode Line. Discovery Monument, hereinbefore described, bears S. 4°09'11" E., 170.0 ft. dist.
335.	Enter active mine pit.
540.00	Cor. No. 4, Santa Rita 2 Lode of this survey, hereinbefore described.
600.00	True point for Cor. No. 4, identical with Cor. No. 2, Santa Rita 1 Lode of this survey, hereinbefore described.
	Identical with corner of location.
	Thence S. 4°09'11" E.
	Ascend through active mine pit.
75.00	Witness Corner to Cor. No. 4, identical with Cor. No. 2, Santa Rita 1 Lode and Cor. 2, Santa Rita 4 Lode of this survey.
	Set an iron post, 2 ins. diam., 30 ins. long, 20 ins. in the ground in berm of mine road, with alum. cap mkd. MS 4891 WC 2SR1 4SR3 2SR4 SR2 COR 1S 75 FT. N. JAL 1994.
	No bearing objects.
	Ascend gradually through active mine pit.
580.	Leave active mine pit and descend along W slope of mountain.
1308.19	Intersect line 1-2, Santa Rita 5 Lode of this survey, Cor. No. 1, hereinafter described, bears N. 80°19'04" W., 258.78 ft. dist.
1500.00	Cor. No. 1 and place of beginning.
<hr/>	
SANTA RITA 4 LODE	
	Beginning at Cor. No. 1, Santa Rita 4 Lode, identical with Cor. No. 1, Santa Rita 3 Lode of this survey, hereinbefore described.
	Identical with corner of location.

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FEET	
	Thence N. 4°09'11" W.
	Ascend along W slope of mountain.
191.81	Intersect line 1-2, Santa Rita 5 Lode of this survey, Cor. No. 1, hereinafter described, bears N. 80°19'04" W., 258.78 ft. dist.
920.	Enter active mine pit and descend gradually.
1425.00	Witness Corner to Cor. No. 2, identical with Cor. No. 2, Santa Rita 1 Lode and Cor. No. 4, Santa Rita 3 Lode of this survey, on line 4-1, Santa Rita 3 Lode of this survey, hereinbefore described.
1500.00	True point for Cor. No. 2, identical with Cor. No. 2, Santa Rita 1 Lode and Cor. No. 4, Santa Rita 3 Lode of this survey, hereinbefore described.
	Identical with corner of location.
	Thence N. 85°50'49" E.
	Leave active mine pit.
	Descend through active mine area.
270.	Mine haul road, 20 ft. wide, bears N. 15° W. and S. 15° E.
300.00	Lode Line. Discovery Monument, a 2 ins. by 4 ins. wood post, painted red, firmly set, projecting 4 ft. above ground and mkd. DM SR4, bears S. 4°09'11" E., 320.0 ft. dist.
	Descend N slope of overburden.
540.00	Cor. No. 3, Santa Rita 2 Lode of this survey, hereinbefore described.
600.00	Cor. No. 3.
	Set, on a 5 ft. diam. limestone boulder, an alum. disc 3¼ ins. diam., mkd. MS 4891 3SR4 S11 JAL 1994; from which
	Cor. No. 2, MS 605, hereinbefore described bears, N. 30°23'23" E., 866.00 ft. dist.
	No other bearing objects.
	Identical with corner location.

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FEET	
	Thence S. 4°09'11" E.
	Ascend N slope of overburden.
600.	Top of overburden slope at E edge of mine haul road switchback.
	Ascend N slope of spur.
935.85	Intersect line 1-2, Santa Rita 6 Lode of this survey, Cor. No. 1, hereinafter described, bears N. 80°19'04" W., 152.33 ft. dist.
1090.	Top of spur slopes N. 75° E.
	Descend S slope of spur.
1500.00	Cor. No. 4.
	Set, on limestone outcrop, an alum, disc, 3¼ ins. diam., mkd. MS 4891 4SR4 SR6 JAL 1994; from which
	The cor. of secs. 11, 12, 13 and 14, hereinbefore described, bears S. 14°54'07" E., 611.96 ft. dist.
	No other bearing objects.
	Identical with corner of location.
	Thence S. 85°50'49" W.
	Ascend E slope of mountain.
295.82	Intersect line 4-1, Santa Rita 6 and line 2-3, Santa Rita 5 Lodes of this survey. Cor. No. 2, Santa Rita 5 Lode, hereinafter described, bears N. 9°40'56" E., 113.50 ft. dist.
300.00	Lode Line. Discovery Monument, hereinbefore described, bears N. 4°09'11" W., 1180.0 ft. dist.
420.	Top of cliff. High limestone ridge bears N. 10° E. and S. 10° W.
	Descend near vertical W face.
465.	Toe of cliff bears N. 5° E. and S. 5° W.
	Descend W slope of mountain.
550.	Mine road, 10 ft. wide, bears N. 5° E. and South

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FEET	
600.00	Cor. No. 1 and place of beginning.
	<p style="text-align: center;">SANTA RITA 5 LODE</p> <p>Beginning at Cor. No. 1, Santa Rita 5 Lode.</p> <p>Set an iron post, 2 ins. diam., 30 ins. long, 20 ins in the ground, with alum. cap mkd MS 4891 1SR5 SR3 JAL 1994. Paised a mound of stone, 3 ft. base, 1 ft. high around post; from which</p> <p style="padding-left: 40px;">The cor. of secs. 11, 12, 13 and 14, hereinbefore described, bears S. 52°37'37" E., 1289.52 ft. dist.</p> <p style="padding-left: 40px;">Reference Monument No. 5, hereinbefore described, bears N. 85°59'50" E., 361.76 ft. dist.</p> <p style="padding-left: 40px;">Reference Monument No. 4, hereinbefore described, bears S. 44°51'01" W., 534.81 ft. dist.</p> <p style="padding-left: 40px;">Cor. No. 1, Santa Rita 3 Lode, identical with Cor. No. 1, Santa Rita 4 Lode, hereinbefore described, bears S. 48°52'45" E., 357.07 ft. dist.</p> <p>Identical with corner of location.</p> <p style="padding-left: 40px;">Thence S. 80°19'04" E.</p> <p>Ascend W slope of mountain.</p>
258.78	Intersect line 4-1, Santa Rita 3, identical with line 1-2, Santa Rita 4 Lodes of this survey. Cor. No. 1, Santa Rita 3 and 4 Lodes, hereinbefore described, bears S. 4°09'11" E., 191.81 ft. dist.
300.00	Lode Line. Discovery Monument, a 2 ins. by 4 ins. wood post, painted red, firmly set, projecting 4 ft. above ground and mkd. DM SR5, bears S. 9°40'56" W., 850.0 ft. dist.
335.	Mine road, 10 ft. wide, bears N. 15° E., and S. 10° W.
410.	Toe of cliff bears N. 15° W. and S. 15° E.
	Ascend near vertical W face.
455.	Top of cliff. High limestone ridge bears North and South.
	Descend E slope of mountain.
600.00	Cor. No. 2.

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FEET	
	<p>Set an iron post, 2 ins. diam., 30 ins. long, 6 ins. in the ground, with alum. cap mkd. MS 4891 2SR5 SR6 SR4 JAL 1994. Raised a mound of stone, 3.5 ft. base, 2 ft. high around post; from which</p> <p>Cor. No. 4, Santa Rita 4 Lode of this survey, hereinbefore described, bears S. 71°51'02" E., 290.41 ft. dist.</p> <p>No other bearing objects.</p> <p>Identical with corner of location.</p> <p>Thence S. 9°40'56" W.</p> <p>Descend along E slope of mountain.</p>
113.50	Intersect line 4-1, Santa Rita 4 Lode of this survey, Cor. No. 1, hereinbefore described, bears S. 85°50'49" W., 304.18 ft. dist.
490.	Descend, more abruptly, S slope of mountain.
646.	Barbed wire fence bears East and West.
685.80	Intersect the line between sections 11 and 14. The cor. of secs. 11, 12, 13 and 14, hereinbefore described, bears S. 89°23'39" E., 548.70 ft. dist.
959.60	Intersect line 1-2, Santa Rita 7 Lode of this survey, Cor. No. 2, hereinafter described, bears N. 56°33'17" E., 303.23 ft. dist.
994.97	Cor. No. 4, Santa Rita 6 Lode of this survey, hereinafter described.
1110.	Ravine, 10 ft. wide, drains S. 80° W.
1210.	Ravine of same watercourse, 10 ft. wide, drains S. 80° E.
	Ascend NE slope of spur.
1260.	Top of narrow spur slopes S. 70° E.
	Descend SW slope of spur.
1500.00	<p>Cor. No. 3.</p> <p>Set, on limestone outcrop, an alum. disc, 3¼ ins. diam., mkd. MS 4891 3SR5 SR7 JAL 1994; from which</p>

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FEET	
	<p>The center of a 10 ins. diam. steel, water well casing bears S. 52°35'04" W., 522.47 ft. dist.</p> <p>No other bearing objects.</p> <p>Identical with corner of location.</p> <p>Thence N. 80° 19'04" W.</p> <p>Descend SW slope of spur.</p>
90.	<p>Ravine, 15 ft. wide, drains S. 40° E.</p> <p>Ascend E slope of spur and enter active mine area.</p>
250.	<p>Top of narrow spur slopes S. 25° W.</p> <p>Descend SW slope of spur through overburden.</p>
300.00	<p>Lode Line. Discovery Monument, hereinbefore described, bears N. 9°40'56" E., 650.0 ft. dist.</p>
576.93	<p>Intersect line 1-2, Santa Rita 7 Lode of this survey, Cor. No. 1, hereinafter described, bears S. 56°33'17" W., 406.27 ft. dist.</p>
600.00	<p>Point for Cor. No. 4.</p> <p>Monument not set. Active overburden slope occupies true position; from which</p> <p>Reference Monument No. 6, an alum. disc, 2 ins. diam., mkd. MS 4891 RM6 JAL 1994, which I set firmly onto top of NW concrete wingwall of abandoned crusher foundation, bears N. 35°38'48" W., 286.42 ft. dist.</p> <p>The center of the water well casing, hereinbefore described, bears S. 22°52'19" E., 454.06 ft. dist.</p> <p>Identical with corner of location.</p> <p>Thence N. 9°40'56" E.</p> <p>Ascend along SW slope of spur through overburden.</p>
150.	<p>Mine road, 15 ft. wide, bears N. 35° W. and S. 35° E.</p> <p>Leave overburden.</p>
575.	<p>Descend gradually along W slope of same spur.</p>

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FEET	
718.35	Intersect the line between sections 11 and 14. The $\frac{1}{4}$ sec. cor. of secs. 11 and 14, hereinbefore described, bears N. $89^{\circ}23'39''$ W., 1478.19 ft. dist.
749.	Same barbed wire fence bears East and West.
825.	Flow line drains N. 80° W. Ascend W slope of mountain.
1238.73	Intersect line 1-2, Santa Rita 3 Lode of this survey, Cor. No. 2, hereinbefore described, bears S. $85^{\circ}50'49''$ W., 286.25 ft. dist.
1340.	Mine road, 10 ft. wide, bears N. 25° W. and S. 25° E.
1500.00	Cor. No. 1 and place of beginning.
SANTA RITA 6 LODE	
Beginning at Cor. No. 1, Santa Rita 6 Lode.	
Set an iron post, 2 ins. diam., 30 ins. long, 18 ins. in the ground, with alum. cap mkd. MS 4891 1SR6 SR4 JAL 1994. Raised a mound of stone 2.5 ft. base, 1.5 ft. high around post; from which	
The cor. of secs. 11, 12, 13 and 14, hereinbefore described, bears S. $16^{\circ}27'13''$ E., 1230.04 ft. dist.	
No bearing objects.	
Identical with corner of location.	
Thence S. $80^{\circ}19'04''$ E.	
Descend NE slope of mountain.	
95.	Along N slope of spur and descend.
152.33	Intersect line 3-4, Santa Rita 4 Lode of this survey, Cor. No. 4, hereinbefore described, bears S. $4^{\circ}09'11''$ E., 564.15 ft. dist.
300.00	Lode Line. Discovery Monument, a 2 ins. by 4 ins. wood post, painted red, firmly set, projecting 4 ft. above ground and mkd. DM SR6, bears S. $9^{\circ}40'56''$ W., 950.0 ft. dist.
600.00	Cor. No. 2

Mineral Survey No. 4891

FEET	
	<p>Set an iron post, 2 ins. diam., 30 ins. long, 18 ins. in the ground, with alum. cap mkd. MS 4891 2SR6 S12 JAL 1994. Raised a mound of stone, 2.5 ft. base, 1.5 ft. high around post.</p> <p>No bearing objects.</p> <p>Identical with corner of location.</p> <p style="text-align: center;">Thence S. 9°40'56" W.</p> <p>Ascend N slope of spur.</p>
110.	<p>Top of spur slopes S. 75° E.</p> <p>Descend S slope of spur.</p>
310.	<p>Ravine, 5 ft. wide, drains S. 10° E.</p>
885.	<p>Ravine, 20 ft. wide, drains S. 60° E.</p> <p>Ascend N slope of spur.</p>
970.	<p>Top of spur slopes S. 80° E.</p> <p>Descend S slope of spur.</p>
1090.	<p>Ravine, 15 ft. wide, drains S. 30° W.</p> <p>Along W slope of spur.</p>
1310.	<p>Top of spur slopes S. 70° W.</p>
1440.	<p>Barbed wire fence bears North and South.</p>
1500.00	<p>Cor. No. 3</p> <p>Set an iron post, 2 ins. diam., 30 ins. long, 20 ins. in the ground, with alum. cap mkd. MS 4891 3SR6 JAL 1994. Raised a mound of stone, 3 ft. base, 1 ft. high around post; from which</p> <p style="padding-left: 40px;">The cor. of secs. 11, 12, 13 and 14, hereinbefore described, bears N. 1°19'12" E., 399.98 ft. dist.</p> <p style="padding-left: 40px;">Reference Monument No. 7, at a barbed wire fence which bears North and South, an iron pipe, 1 ins. diam., 24 ins. long, which I drive 20 ins. in the ground, with alum. cap mkd. MS 4891 RM7 JAL 1994, bears S. 2°12'30" E., 285.42 ft. dist.</p> <p>Cor. lies approx. 10 ft. W. of the hereinbefore described barbed wire fence.</p>

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FEET	
	Identical with corner of location. Thence N. 80°19'04" W. Along S slope of spur.
181.38	Intersect line 2-3, Santa Rita 7 Lode of this survey, Cor. No. 3, hereinafter described, bears S. 29°25'56" E., 287.24 ft. dist.
	Descend W slope of spur.
300.00	Lode Line. Discovery Monument, hereinbefore described, bears N. 9°40'56" E., 550.0 ft. dist.
565.	Ravine, 10 ft. wide, drains South Ascend SE slope of mountain.
600.00	Cor. No. 4 on line 2-3, Santa Rita 5 Lode. Set, on limestone outcrop, an alum. disc, 3¼ ins. diam. mkd. MS 4891 4SR6 SR5 SR7 JAL 1994; from which Cor. 2, Santa Rita 7 Lode, hereinafter described, bears N. 52°02'48" E., 328.43 ft. dist. No other bearing objects. Identical with corner of location. Thence N. 9°40'56" E. Ascend S slope of mountain.
35.37	Intersect line 1-2, Santa Rita 7 Lode of this survey, Cor. No. 2, hereinafter described, bears N. 56°33'17" E., 303.23 ft. dist.
309.17	Intersect the line between sections 11 and 14. The cor. of secs. 11, 12, 13 and 14, hereinbefore described, bears S. 89°23'39" E., 548.70 ft. dist.
349.	Barbed wire fence bears East and West.
505.	Ascend, less abruptly, S slope of mountain.
881.47	Intersect line 4-1, Santa Rita 4 Lode of this survey, Cor. No. 1, hereinbefore described, bears S. 85°50'49" W., 304.18 ft. dist.

Mineral Survey No. 4891

FEET	
994.97	Cor. No. 2, Santa Rita 5 Lode of this survey, hereinbefore described.
1300.	Top of spur slopes S. 85° E. Descend NE slope of mountain.
1500.00	Cor. No. 1 and place of beginning.
SANTA RITA 7 LODE	
Beginning at Cor. No. 1, Santa Rita 7 Lode, identical with Cor. No. 1, identical with Cor. No. 1, Santa Rita 8 Lode of this survey.	
Set an iron post, 2 ins. diam., 30 ins. long, 12 ins. in the ground, with alum. cap mkd. MS 4891 1SR7 1SR8 JAL 1994. Raised a mound of stone, 3.5 ft. base, 2 ft. high around post; from which	
The cor. of secs. 11, 12, 13 and 14, hereinbefore described, bears N. 59°53'53" E., 1841.70 ft. dist.	
The $\frac{1}{4}$ sec. cor. of secs. 11 and 14, hereinbefore described, bears N. 47°34'18" W., 1410.38 ft. dist.	
Reference Monument No. 6, hereinbefore described, bears N. 17°57'56" E., 484.16 ft. dist.	
No other bearing objects.	
Identical with corner of location.	
Thence N. 56°33'17" E.	
Descend N slope of mountain.	
140.	Mine road, 15 ft. wide, bears N. 65° W. and S. 65° E.
245.	Mine road, 15 ft. wide, bears N. 30° W. and S. 40° E.
280.	Flow line of ravine 50 ft. wide, drains N. 45° W. Ascend SW slope of spur.
370.	Mine haul road, 25 ft. wide, bears N. 25° W. and S. 25° E. Continue ascent through ore and overburden.

Mineral Survey No. 4891

FEET	
406.27	Intersect line 3-4, Santa Rita 5 Lode of this survey, position for Cor. No. 4, hereinbefore described, bears N. 80°19'04" W., 23.07 ft. dist.
670.	Top of W. side of spur slopes S. 5° E. Enter active mine pit.
765.	Top of E. side of same spur slopes South. Leave active mine pit.
	Descend E slope of spur and along S slope of mountain.
1196.77	Intersect line 2-3, Santa Rita 5 Lode, identical with line 4-1, Santa Rita 6 Lode of this survey. Cor. No. 4, Santa Rita 6 Lode, hereinbefore described, bears S. 9°40'56" W., 35.37 ft. dist.
1500.00	Cor. No. 2.
	Set, on limestone outcrop, an alum. disc, 3¼ ins. diam., mkd. MS 4891 2SR7 SR6 JAL 1994; from which
	The cor. of secs. 11, 12, 13 and 14, hereinbefore described, bears N. 74°09'22" E., 355.19 ft. dist.
	No other bearing objects.
	Identical with corner of location.
	Thence S. 29°25'56" E.
	Along SW slope.
180.	Ravine, 10 ft. wide, drains N. 75° W.
	Ascend N slope of spur.
260.	Top of spur slopes N. 80° W.
	Descend S slope of spur.
300.00	Lode Line. Discovery Monument, a 2 ins. by 4 ins. wood post, painted red, firmly set, projecting 4 ft. above ground and mkd. DM, SR7, bears S. 56°33'17" W. 1330.0 ft. dist.
312.76	Intersect line 3-4, Santa Rita 6 Lode of this survey, Cor. No. 3, hereinbefore described, bears S. 80°19'04" E., 181.38 ft. dist.
485.	Ravine, 10 ft. wide, drains N. 70° W.
	Ascend N slope of spur.

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FEET	
600.00	<p>Cor. No. 3</p> <p>Set an iron post, 2 ins. diam., 30 ins. long, 22 ins. in the ground, with alum. cap mkd. MS 4891 3SR7 S14 JAL 1994. Raised a mound of stone, 2.5 ft. base, 1 ft. high around post, from which</p> <p>Reference Monument No. 7, hereinbefore described, bears S. $36^{\circ}34'50''$ E., 81.62 ft. dist.</p> <p>Cor. No. 3, Santa Rita 6 Lode of this survey, hereinbefore described, bears N. $9^{\circ}43'30''$ E., 222.86 ft. dist.</p> <p>No other bearing objects. Cor. lies approx. 49 ft. W. of a barbed wire fence which bears North and South.</p> <p>Identical with corner of location.</p> <p>Thence S. $56^{\circ}33'17''$ W.</p>
60.	<p>Top of spur slopes N. 85° W.</p> <p>Descend S slope of spur.</p>
600.	<p>Ravine, 10 ft. wide, drains West.</p> <p>Along NW slope of mountain.</p>
830.	<p>Flow line, 5 ft. wide, drains N. 50° W.</p>
915.	<p>Flow line, 5 ft. wide, drains N. 50° W.</p> <p>Ascend NE slope of spur.</p>
1205.	<p>Top of spur slopes N. 60° W.</p> <p>Ascend S slope of spur.</p>
1470.	<p>Ravine, 10 ft. wide, drains N. 45° E.</p> <p>Ascend SE slope of mountain.</p>
1500.00	<p>Cor. No. 4, identical with Cor. No. 2, Santa Rita 8 Lode of this survey.</p> <p>Set an iron post, 2 ins. diam., 30 ins. long, 18 ins. in the ground, with alum. cap mkd. MS 4891 4SR7 2SR8 JAL 1994. Raised a mound of stone, 2.5 ft. base, 1 ft. high around post; from which</p>

Mineral Survey No. 4891

FEET	
	<p>Reference Monument No. 8, an alum. disc, 2 ins. diam., mkd. MS 4891 RM8 JAL 1994, which I set firmly onto top of NE Cor. of concrete stoop of magazine building, bears N. 7°19'12" W., 201.24 ft. dist.</p> <p>The center of the water well casing, hereinbefore described, bears N. 30°47'56" E., 386.51 ft. dist.</p> <p>Identical with corner of location.</p> <p>Thence N. 29°25'56" W.</p>
300.00	Lode Line. Discovery Monument, hereinbefore described, bears N. 56°33'17" E., 170.0 ft. dist.
420.	<p>Top of high spur slopes N. 45° E.</p> <p>Descend NW slope of mountain.</p>
600.00	Cor. No. 1 and place of beginning.
SANTA RITA 8 LODGE	
	<p>Beginning at Cor. No. 1, Santa Rita 8 Lode, identical with Cor. No. 1, Santa Rita 7 Lode of this survey, hereinbefore described.</p> <p>Identical with corner of location.</p> <p>Thence S. 29°25'56" E.</p> <p>Ascend NW slope of mountain.</p>
180.	<p>Top of high spur slopes N. 45° E.</p> <p>Descend SE slope of mountain.</p>
300.00	Lode Line. Discovery Monument, a 2 ins. by 4 ins. wood post, painted red, firmly set, projecting 4 ft. above ground and mkd. DM SR8, bears S. 60°34'04" W., 770.0 ft. dist.
600.00	<p>Cor. No. 2. Identical with Cor. No. 4, Santa Rita 7 Lode hereinbefore described.</p> <p>Identical with corner of location.</p> <p>Thence S. 60°34'04" W.</p> <p>Ascend NE slope of mountain.</p>

Mineral Survey No. 4891

FEET	
840.	<p>High ridge bears N. 30° W. and S. 30° E.</p> <p>Descend SW slope of mountain.</p>
1500.00	<p>Cor. No. 3.</p> <p>Set an iron post, 2 ins. diam., 30 ins. long, 12 ins. in the ground, with alum. cap mkd. MS 4891 3SR8 S14 JAL 1994. Raised a mound of stone 3.5 ft. base, 2 ft. high around post; from which</p> <p style="padding-left: 40px;">Reference Monument No. 9, an alum. disc, 2 ins. diam., mkd. MS 4891 RM9 JAL 1994, which I set firmly onto top of gray rock outcrop of ridge, bears S. 78°06'58" W., 575.61 ft. dist.</p> <p>No other bearing objects.</p> <p>Identical with corner of location.</p> <p style="padding-left: 80px;">Thence N. 29°25'56" W.</p> <p>Ascend SE slope of spur.</p>
185.	<p>Top of spur slopes S. 40° W.</p> <p>Along SW slope of mountain and descend.</p>
300.00	<p>Lode Line. Discovery Monument, hereinbefore described, bears N. 60°34'04" E., 730.0 ft. dist.</p>
600.00	<p>Cor. No. 4.</p> <p>Set, on limestone outcrop, an alum. disc, 3¼ ins. diam., mkd. MS 4891 4SR8 S14 JAL 1994; from which</p> <p style="padding-left: 40px;">Reference Monument No. 9, hereinbefore described, bears S. 22°43'10" W., 695.03 ft. dist.</p> <p style="padding-left: 40px;">The ¼ sec. cor. of secs. 11 and 14, hereinbefore described, bears N. 8°55'52" E., 1709.36 ft. dist.</p> <p>No other bearing objects</p> <p>Identical with corner of location.</p> <p style="padding-left: 80px;">Thence N. 60°34'04" E.</p> <p>Ascend S slope of spur.</p>

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FEET	
30.	Top of spur slopes N. 70° W.
	Ascend and along NW slope of mountain.
680.	Along NW slope of mountain and descend.
1500.00	Cor. No. 1 and place of beginning.
	AREAS
	Total area Santa Rita 1 Lode 20.661
	Area in conflict with Santa Rita 2 Lode of this survey 2.066
	Total area Santa Rita 2 Lode 20.661
	Area in conflict with Santa Rita 1 Lode of this survey 2.066
	Total area Santa Rita 3 Lode 20.661
	Area in conflict with Santa Rita 5 Lode of this survey 1.467
	Total area Santa Rita 4 Lode 20.661
	Area in conflict with Santa Rita 5 Lode of this survey 1.114
	Area in conflict with Santa Rita 6 Lode of this survey 2.997
	Total area Santa Rita 5 Lode 20.661
	Area in conflict with Santa Rita 3 Lode of this survey 1.467
	Area in conflict with Santa Rita 4 Lode of this survey 1.114
	Area in conflict with Santa Rita 7 Lode of this survey 3.579
	Total area Santa Rita 6 Lode 20.661
	Area in conflict with Santa Rita 4 Lode of this survey 2.997
	Area in conflict with Santa Rita 7 Lode of this survey 1.256
	Total area Santa Rita 7 Lode 20.611
	Area in conflict with Santa Rita 5 Lode of this survey 3.579
	Area in conflict with Santa Rita 6 Lode of this survey 1.256
	Total area Santa Rita 8 Lode 20.661
	LOCATION
	This survey is situated in the East $\frac{1}{4}$ of section 11, the Southwest $\frac{1}{4}$ of section 12, the Northwest $\frac{1}{4}$ of section 13 and the Northeast $\frac{1}{4}$ of section 14, Township 18 South, Range 15 East, Gila and Salt River Meridian, Pima County, Arizona.
	The survey of the subject Santa Rita Lodes are wholly within the locations as marked on the ground.

Mineral Survey No. 4891

FEET	
EXPENDITURES	
	<p>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 claimants or their grantors are as follows:</p>
<p>No. 1</p>	<p>The discovery on the Santa Rita 1 Lode is an exposed body of ore presently being mined and is supported by a series of 4 drill holes within the mine pit. Drill hole No. RC-26, vertical, 110 ft. in depth, and positioned near the center of the SW $\frac{1}{4}$ of the mine pit, bears S. 10°54' W., 889 ft. dist. from Cor. No. 1.</p> <p style="padding-left: 40px;">Value of drill holes RC-24 through RC-27, determined by Claimant's records; \$2600. Value of open pit mining to date on Santa Rita 1 Lode by Claimant's estimation; in excess of \$100,000.</p>
<p>No. 2</p>	<p>The discovery on the Santa Rita 2 Lode is an exposed body of ore, supported by drill hole No. RC-9, inclined, 120 ft. in depth, the surface collar of which bears S. 5°36' E., 1482 ft. dist. from Cor. No. 1.</p> <p style="padding-left: 40px;">Value determined by Claimant's records; \$780.</p>
<p>No. 3</p>	<p>The discovery on the Santa Rita 3 Lode is an exposed body of ore, presently being mined and is supported by a series of 3 drill holes within and configuring the approx. perimeter of the mine pit. Drill hole No. RC-3, vertical, 120 ft. in depth, and positioned near the south end of the pit, bears N. 6°11' W., 1447 ft. dist. from Cor. No. 1.</p> <p style="padding-left: 40px;">Value of drill holes RC-2 through RC-4, determined by Claimant's records; \$2340. Value of open pit mining to date on Santa Rita 3 Lode, by Claimant's estimation; in excess of \$100,000.</p>
<p>No. 4</p>	<p>The discovery on the Santa Rita 4 Lode is a subsurface body of ore supported by a series of 5 drill holes along a 280 ft. long segment of mine road which bears N. 55° W. and S. 55° E. Drill hole No. RC-23, vertical, 120 ft. in depth, and positioned near the southeasterly terminus of said mine road, bears N. 7°41' E., 1250 ft. dist. from Cor. No. 1.</p> <p style="padding-left: 40px;">Value of drill holes RC-23, RC-20, RC-11, RC-6, RC-7 and TP-2, determined by Claimant's records; \$4095.</p>

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FEET	
No. 5	<p>The discovery on the Santa Rita 5 Lode is an exposed body of ore presently being mined and is supported by a series of 6 drill holes within the mine pit. Drill hole No. DH-4, inclined, 150 ft. in depth and positioned near the center of the mine pit, the surface collar of which bears S. 3°19' E., 1505 ft. dist. from Cor. No. 1.</p> <p>Value of drill holes DH-1 through DH-6, determined by Claimant's records; \$12,810 Value of open pit mining to date on Santa Rita 5 Lode, by claimant's estimation; in excess of \$100,000.</p>
No. 6	<p>The discovery on the Santa Rita 6 Lode is an extensive, exposed body of ore, the surface apex of which runs East, 300 ft. dist. and West, 300 ft. dist. from the hereinbefore described Discovery Monument.</p> <p>No record of expenditure specific to this claim.</p>
No. 7	<p>The discovery on the Santa Rita 7 Lode is an exposed body of ore, supported by inclined drill hole No. CP-1, 177 ft. in depth, the surface collar of which bears S. 81°57' E., 812 ft. dist. from Cor. No. 1.</p> <p>Value determined by Claimant's records; \$3097.</p>
No. 8	<p>The discovery on the Santa Rita 8 Lode is an extensive, exposed body of ore, the surface apex of which runs N. 55° E., 750 ft. and S. 60° W., 500 ft. dist. from the hereinbefore described Discovery Monument.</p> <p>No record of expenditure specific to this claim.</p>
OTHER IMPROVEMENTS	
<p>An explosives magazine building of concrete block construction, measuring 18 ft. by 25 ft. with long sides on the east and west, the NE cor. of which bears S. 40°44' E., 413 ft. dist. from Cor. No. 1, Santa Rita 7 Lode.</p>	
<p>A water well with casing diam. of 10 ins., 200 ft. in depth, with electric pump and pressure tank, bears S. 68°51' E., 528.30 ft. dist. from Cor. No. 1, Santa Rita 7 Lode.</p>	
<p>A network of mine access and haul roads has been constructed for the benefit of all subject locations in this record. The SW junction and terminus lies within the plant area outside of the limits of this survey.</p>	

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FEET

OTHER CORNER DESCRIPTIONS
AND SUPPLEMENTAL DATA

The tie line from Blue Jay Cor. No. 2, (record 4x4 wood post in mound of stone per MS605) to U.S. MM. No. 2, Helvetia Mining District, (record 4x4 wood post in mound of stone 6 ft. base, 5 ft. high per MS605) was found to be N. 58°28'39" W., 1053.33 ft. instead of N. 58° 20' W., 1068 ft. dist., as approved.

The East one half mile between sections 11 and 14 was found to be S. 89°23'39" E., 2634.50 ft. dist., instead of S. 89°41' E., 39.91 chs. dist. as approved.

FIELD ASSISTANTS

NAME

CAPACITY

Scott Musick
Anthony LaPuzza

Chainman
Chainman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor

Date

James A. LaPuzza

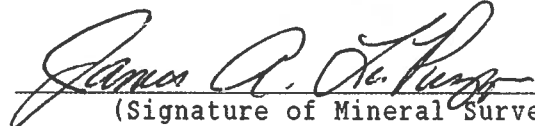
OCTOBER 3, 1994

I HEREBY CERTIFY That in pursuance of an order received from the Arizona State Office, Bureau of Land Management, at Phoenix, Arizona, dated January 4, 1994, I have carefully executed the survey of the claim of Specialty Minerals Inc., known as the Santa Rita 1 through 8 lodes, situated in sections 11, 12, 13 and 14, Township 18 South, Range 15 East, Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4891, 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 Santa Rita 1 through 8 lode locations embraced in the said mining claims by claimants 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.

Carlsbad, California
(Location)


(Signature of Mineral Surveyor)

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.

CERTIFICATE OF APPROVAL

Arizona State Office
Phoenix, Arizona
February 6, 1995

The foregoing field notes of mineral survey number 4891, in sections 11, 12, 13 and 14, Township 18 South, Range 15 East, Gila and Salt River Meridian, in the State of Arizona, executed by James A. LaPuzza, Mineral Surveyor, under order dated January 4, 1994, 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.

James A. Tallot

(Authorized Signature)

Acting Chief Cadastral Surveyor of Arizona

(Title)

~~CERTIFICATE OF TRANSCRIPT~~

~~I HEREBY CERTIFY That the foregoing transcript of field notes of the above-described mineral survey number 4891 is a true copy of the original field notes.~~

~~_____~~
~~Acting Chief Cadastral Surveyor of Arizona~~

~~(Authorized Signature)~~

~~(Title)~~