

Form 3860-10  
(February 1987)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey Number

4871

State

Arizona

Land District

Arizona

FIELD NOTES

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

Guzman Construction Co.  
P. O. Box 3100  
Globe, AZ 85502

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

Guzman Group

NAME OF CLAIM(S)

NAME OF LOCATION	DATE			BLM MINING CLAIM SERIAL NUMBER
	LOCATED AND AMENDED	RECORDED WITH COUNTY	RECORDED WITH BLM	
I-DO-IT lode	4-13-45	7-2-45	0-22-79	A MC 87677
Amended	2-10-66	3-11-66	0-22-79	
Second Amended	6-27-89	7-17-89	7-28-89	
CRUZALITE lode	11-4-65	1-31-66	0-22-79	87684
Amended	6-27-89	7-17-89	7-28-89	
LA CHOLLA lode	12-17-45	2-27-46	0-22-79	87678
Amended	6-27-89	7-17-89	7-28-89	
ATOMIC BOMB lode	11-13-45	1-19-46	0-22-79	87683
Amended	6-27-89	7-17-89	7-28-89	
LOOK-OUT-WEDGE lode	3-29-46	6-10-46	0-22-79	87682
Amended	2-10-66	3-11-66	0-22-79	
Second Amended	6-27-89	7-17-89	7-28-89	
DIVIDE lode	12-6-45	2-26-46	0-22-79	87681
Amended	2-10-66	3-11-66	0-22-79	
Second Amended	6-27-89	7-17-89	7-28-89	
MARKIE'S FRACTION lode	5-1-60	7-7-60	0-22-79	87685
Amended	6-27-89	7-17-89	7-28-89	
HAVALINA No. 2 lode	6-4-45	7-2-45	0-22-79	87679
Amended	2-10-66	3-11-66	0-22-79	
Second Amended	6-27-89	7-17-89	7-28-89	
HAVALINA lode	4-11-45	7-2-45	0-22-79	87680
Amended	6-27-89	7-17-89	7-28-89	

LOCATION OF CLAIM(S)

Mining district Pioneer			County Pinal	
Section 8 & 9	Township 2 South	Range 12 East	Meridian Gila & Salt River	Survey under order dated 8/18/89
Survey commenced 9/28/89		Survey completed 12/4/89	Name of Mineral Surveyor Harvey W. Smith	

## Mineral Survey No. 4871

FEET

This survey was made with a Swiss Kern theodolite, Model DKM 1, No. 77769, having horizontal and vertical circles, 50 mm. in diam. The circles are graduated in degrees and 20-minute increments. An optical micrometer, adjustable to the vertical and horizontal circles, permits the reading of angles direct to ten-second accuracy and estimating to one-second accuracy. The instrument was in good condition at the time of the survey and all adjustments were in good order.

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

September 28, 1989, at Cor. No. 2 of the ATOMIC BOMB lode, in latitude  $33^{\circ}16'13.7''N$ . and longitude  $111^{\circ}07'53.4''W$ ., elevation 2,730 ft. above sea level, and temperature  $70^{\circ}F$ ., make a series of six altitude observations on the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle right from a reference point about 300 ft. northward to the sun.

Mean time of observation,  
105th meridian standard  
time =  $8^h 35^m 15^s$  a.m.

Declination of sun at mean  
time of observation =  $2^{\circ}10'56.04''S$ .

Mean observed vertical  
angle to sun's center =  $27^{\circ}22'18''$

Mean horizontal angle from  
reference point clockwise  
to sun's center =  $113^{\circ}38'40''$

True bearing to reference  
point =  $N.0^{\circ}39'10''W$ .

The lines were measured with a Lufkin steel tape, 300 ft. in length, graduated every foot for 299 ft. and the remaining foot graduated to tenths and hundredths; the tape was compared to an Invar standard tape at the beginning of the survey and found to be correct. In addition to the steel tape, a Nikon ND-21 infrared distance measuring unit was used to measure some of the lines. Its accuracy was checked against a line measured with the foregoing steel tape and found to be correct.

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

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FEET	
	<p>The magnetic declination observed at each corner of the survey gave a uniform value of 13°30'E.</p>
	<hr/> <p style="text-align: center;">Mineral Survey No. 4871</p> <hr/>
	<p style="text-align: center;">I-DO-IT LODE</p> <p>At the true point for Cor. No. 1 of the I-DO-IT lode, identical with the point for Cor. No. 1 of the CRUZALITE lode of this survey, the point for Cor. No. 2, M.S. No. 4707 David R. No. 1 lode, the point for Cor. No. 4 of the LA CHOLLA lode of this survey and the SW cor. of Tract A.</p> <p>This cor. falls in a cut where a permanent monument cannot be established. From this point,</p> <p style="padding-left: 40px;">The 1/4 sec. cor. of secs. 8 &amp; 9, T.2 S., R.12 E., G.&amp; S.R.M., bears S.21°31'07"E., 1,145.05 ft. dist., monumented with a stone 6 x 8 ins., 12 ins. above ground, firmly set, properly mkd.</p> <p style="padding-left: 40px;">Cor. No. 8, H.E.S. No. 167, bears N.55°58'10"E., 351.18 ft. dist.</p> <p style="padding-left: 40px;">Cor. No. 3, M.S. No. 4810-Am. Superior Perlite No. 1. placer, identical with the N 1/16 sec. cor. of secs. 8 &amp; 9, T.2 S., R.12 E., G.&amp; S.R.M., bears N.57°14'32"E., 492.86 ft. dist.</p> <p style="padding-left: 40px;">A witness cor. bears S.0°39'10"E., 30. ft. dist.</p> <p style="text-align: center;">Thence S.89°20'50"W.</p>
893.03	<p>Intersect line 1-2, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 2 bears N.0°13'41"W., 273.94 ft. dist.</p>
1,499.50	<p>Cor. No. 2, identical with Cor. No. 3 of the LA CHOLLA lode of the same survey.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X I.D.I. 2 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">Cor. No. 2, M.S. No. 4810-Am. Superior Perlite No. 1. placer, bears N.65°06'40"E., 667.32 ft. dist.</p>

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FEET	
	<p>Cor. No. 2, M.S. No. 4204 Dewberry lode, bears N.02°19'30"W., 459.16 ft. dist.</p> <p>Cor. No. 10, H.E.S. No. 167, bears N.0°32'36"W., 512.13 ft. dist.</p> <p>A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence N.0°39'10"W.</p>
299.75	Lode line; discovery point bears N.89°20'50"E., 1,489.50 ft. dist.
510.33	Intersect line 1-2, M.S. No. 4204 Dewberry lode, at a point from which Cor. No. 2 bears S.13°58'09"W., 53.08 ft. dist.
599.50	<p>Cor. No. 3.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X I.D.I. 3 U.S.M.S. 4871; from which</p> <p style="text-align: center;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence N.89°20'50"E.</p>
23.26	Intersect line 1-2, M.S. No. 4204 Dewberry lode, at a point from which Cor. No. 2 bears S.13°58'09"W., 145.24 ft. dist.
23.69	Intersect line 10-11, H.E.S. No. 167, at a point from which Cor. No. 10 bears S.13°55'07"W., 90.27 ft. dist. Enter patented land.
1,499.50	<p>True point for Cor. No. 4.</p> <p>This cor. falls on patented land where a permanent monument cannot be established.</p> <p style="text-align: center;">Thence S.0°39'10"E.</p>
229.50	Point for Cor. No. 2 of the CRUZALITE lode of this survey. Also Cor. No. 2, M.S. No. 4812 ROSEMARIE NO. 1 Exception lode.

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FEET	
273.85	<p>Intersect line 8-9, H.E.S. No. 167, and point for witness cor. for Cor. No. 4 and Cor. No. 2 of the CRUZALITE lode, both of this survey, identical with the witness cor. for Cor. No. 2, M.S. No. 4812 ROSEMARIE NO. 1 Exception lode and the NW cor. of Tract A, at a point from which Cor. No. 9 bears N.66°20'50"W., 350.22 ft. dist. Leave patented land.</p> <p>Found an iron post, 3/4 in. diam., 10 ins. above ground, firmly set, with a brass cap properly mkd. to which I add mks. W.C. C. 2 I.D.I. 4 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p>
299.75	Lode line; discovery point bears S.89°20'50"W., 10.00 ft. dist.
333.73	Intersect line 2-3, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 2 bears S.89°52'20"W., 891.03 ft. dist.
599.50	Cor. No. 1, and place of beginning.
<hr/> CRUZALITE LODE	
<p>Beginning at the true point for Cor. No. 1 of the CRUZALITE lode, identical with the point for Cor. No. 2, M.S. No. 4707 David R. No. 1 lode, the point for Cor. No. 4 of the LA CHOLLA lode and the point for Cor. No. 1 of the I-DO-IT lode, both of this survey, and the SW cor. of Tract A.</p>	
<p>This cor. falls in a cut where a permanent monument cannot be established.</p>	
<p>Thence N.0°39'10"W.</p>	
185.00	Lode line; discovery point bears N.89°22'17"E., 10.00 ft. dist.
265.77	Intersect line 2-3, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 3 bears N.89°52'20"E., 417.51 ft. dist.
325.65	Intersect line 8-9, H.E.S. No. 167, and point for witness cor. for Cor. No. 2, identical with the witness cor. for Cor. No. 4 of the I-DO-IT lode of this survey, Cor. No. 2, M.S. No. 4812, ROSEMARIE NO. 1 Exception lode, and the NW cor. of Tract A, at a point from which Cor. No. 8 bears S.66°20'50"E., 321.78 ft. dist. Enter patented land.

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FEET	
370.00	<p>Point for Cor. No. 2, identical with the point for Cor. No. 2, M.S. No. 4812 ROSEMARIE NO. 1 Exception lode.</p> <p>This cor. falls on patented land where a permanent monument cannot be established.</p> <p style="text-align: center;">Thence N.89°22'17"E.</p>
700.00	<p>Point for Cor. No. 3.</p> <p>This cor. falls on patented land where a permanent monument cannot be established.</p> <p style="text-align: center;">Thence S.0°39'10"E.</p>
76.79	<p>Intersect line 6-7, H.E.S. No. 167, at a point from which Cor. No. 7 bears S.75°34'25"W., 273.46 ft. dist., and point for witness cor. for Cor. No. 3.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X W.C. C. 3 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p>
110.04	<p>Intersect line 3-4, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 3 bears S.89°48'33"W., 282.52 ft. dist.</p>
185.00	<p>Lode line; discovery point bears S.89°22'17"W., 690.00 ft. dist.</p>
356.28	<p>Intersect line 4-1, M.S. No. 4812 ROSEMARIE NO. 1 Exception lode, common with line 2-3, M.S. No. 4707 David R. No. 1 lode, at a point from which Cor. No. 1, identical with Cor. No. 2 of the David R. No. 1 lode bears S.88°14'55"W., 700.13 ft. dist. and the SE Cor. Tract A. bears S.88°14'55"W., 8.32 ft. dist.</p>
370.00	<p>Cor. No. 4.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X C. 4 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p>

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FEET	
	<p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence S.89°22'17"W.</p>
415.	Center of unimproved dirt road, 8. ft. wide, bears N.10°W. and S.10°E.
700.00	Cor. No. 1, and place of beginning.
	<hr/> <p style="text-align: center;">LA CHOLLA LODE</p> <p>At Cor. No. 1 of the LA CHOLLA lode, identical with Cor. No. 1, M.S. No. 4707 David R. No. 1 lode, Cor. No. 2, M.S. No. 4707 Superior Perlite #1 lode and Cor. No. 1 of the ATOMIC BOMB lode of this survey.</p> <p>Found an iron post, 3/4 in. diam., 12 ins. above ground, firmly set, with a brass cap properly mkd. to which I add marks L.C. 1 A.B. 1 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">The 1/4 sec. cor. of secs. 8 &amp; 9, T.2 S., R.12 E., G.&amp; S.R.M. bears S.41°35'53"E., 622.34 ft. dist., hereinbefore described.</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence S.89°20'50"W.</p> <p>897.47 Intersect line 1-2, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 1 bears S.0°13'41"E., 450.65 ft. dist.</p> <p>1,220. Center of improved dirt road, 14. ft. wide, bears N.20°E. and S.20°W.</p> <p>1,255.14 Cor. No. 1 of the HAVALINA No. 2 lode of this survey.</p> <p>1,499.50 Cor. No. 2, identical with Cor. No. 4 of the ATOMIC BOMB lode and on line 4-1, HAVALINA No. 2 lode, both of this survey.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.C. 2 A.B. 4 U.S.M.S. 4871; from which</p>

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FEET	
	<p>A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence N.0°39'10"W.</p>
105.	Center of improved dirt road, 14. ft. wide, bears N.53°E. and S.53°W.
299.94	Lode line; discovery point bears N.89°20'50"E., 1,489.50 ft. dist.
599.88	Cor. No. 3, identical with Cor. No. 2 of the I-DO-IT lode of this survey.
	Thence N.89°20'50"E.
606.47	Intersect line 1-2, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 2 bears N.0°13'41"W., 273.94 ft. dist.
1,499.50	True point for Cor. No. 4, identical with the points for Cor. No. 1 of the I-DO-IT lode and Cor. No. 1 of the CRUZALITE lode, both of this survey, the point for Cor. No. 2, M.S. No. 4707 David R. No. 1 lode and the SW cor. Tract A.
	This cor. falls in a cut where a permanent monument cannot be established.
	Thence S.0°39'10"E.
30.00	Witness cor. for Cor. No. 4, identical with the witness cors. for Cor. No. 1 of the I-DO-IT lode and Cor. No. 1 of the CRUZALITE lode, both of this survey and the witness cor. for Cor. No. 2, M.S. No. 4707 David R. No. 1 lode.
	Found an iron post, 3/4 in. diam., 12 ins. above ground, firmly set, with a brass cap properly mkd. to which I add marks W.C. I.D.I. 1 C. 1 L.C. 4 U.S.M.S. 4871; from which
	A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
299.94	Lode line; discovery point bears S.89°20'50"W., 10.00 ft. dist.
599.88	Cor. No. 1, and place of beginning.



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FEET	
	<b>ATOMIC BOMB LODE</b>
	Beginning at Cor. No. 1 of the ATOMIC BOMB lode, identical with Cor. No. 1 of the LA CHOLLA lode of this survey, Cor. No. 1, M.S. No. 4707 David R. No. 1 lode and Cor. No. 2, M.S. No. 4707 Superior Perlite #1 lode.
	Thence S.0°39'10"E.
299.93	Lode line; discovery point bears S.89°20'50"W., 10.00 ft. dist.
598.79	Intersect line 4-1, MARKIE'S FRACTION lode of this survey.
599.87	Cor. No. 2, identical with Cor. No. 1, M.S. No. 4707 Superior Perlite #1 lode.
	Found an iron post, 3/4 in. diam., 12 ins. above ground, firmly set, with a brass cap properly mkd. to which I add marks A.B. 2 U.S.M.S. 4871; from which
	A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.89°20'50"W.
56.14	Cor. No. 4 of the MARKIE'S FRACTION lode, identical with Cor. No. 2 of the LOOK-OUT-WEDGE lode, both of this survey.
655.64	Cor. No. 1 of the LOOK-OUT-WEDGE lode, identical with Cor. No. 1 of the DIVIDE lode, both of this survey.
680.	Center of improved dirt road, 14. ft. wide, bears N.35°W. and S.35°E.
902.08	Intersect line 8-1, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 1 bears N.0°09'54"W., 149.24 ft. dist.
1,255.14	Cor. No. 4 of the DIVIDE lode, and on line 1-2, HAVALINA No. 2 lode, both of this survey.
1,499.50	Cor. No. 3.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X A.B. 3 U.S.M.S. 4871; from which

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FEET	
	<p>Cor. No. 1, M.S. No. 4810-Am. Superior Perlite No. 1. placer, bears N.75°21'02"E., 617.01 ft. dist.</p> <p>A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence N.0°39'10"W.</p>
299.94	Lode line; discovery point bears N.89°20'50"E., 1,489.50 ft. dist.
599.87	<p>Cor. No. 4, identical with Cor. No. 2 of the LA CHOLLA lode and on line 4-1 HAVALINA No. 2 lode, both of this survey.</p> <p>Thence N.89°20'50"E.</p>
244.36	Cor. No. 1 of the HAVALINA No. 2 lode of this survey.
279.5	Center of improved dirt road, 14. ft. wide, bears N.20°E. and S.20°W.
602.03	Intersect line 1-2, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 1 bears S.0°13'41"E., 450.65 ft. dist.
1,499.50	Cor. No. 1, and place of beginning.
	<p style="text-align: center;">LOOK-OUT-WEDGE LODGE</p> <p>At Cor. No. 1 of the LOOK-OUT-WEDGE lode, identical with Cor. No. 1 of the DIVIDE lode, and on line 2-3 ATOMIC BOMB lode, both of this survey.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.W. 1 D. 1 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">The 1/4 sec. cor. of secs. 8 &amp; 9, T.2 S., R.12 E., G. &amp; S.R.M., bears N.82°23'20"E., 1,071.38 ft. dist., hereinbefore described.</p> <p>A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p>

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FEET	
	Thence N.89°20'50"E.
299.75	Lode line; discovery point bears S.0°39'10"E., 180.00 ft. dist.
599.50	Cor. No. 2, identical with Cor. No. 4 of the MARKIE'S FRACTION lode, and on line 2-3 ATOMIC BOMB lode, both of this survey.  Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.W. 2 M.F. 4 U.S.M.S. 4871; from which  Cor. No. 1, M.S. No. 4677 Elva F. No. 1 lode, bears S.29°04'43"W., 164.47 ft. dist.  Cor. No. 4, M.S. No. 4859 Laura Mae #1 lode, bears S.02°02'33"W., 172.46 ft. dist.  A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.  No local bearing objects or bearing trees available.  Thence S.0°39'10"E.
136.14	Intersect line 1-2, M.S. No. 4677 Elva F. No. 1 lode, at a point from which Cor. No. 1 bears S.84°40'W., 81.84 ft. dist.
172.35	Intersect line 4-1, M.S. No. 4859 Laura Mae #1 lode, at a point from which Cor. No. 4 bears S.89°56'37"W., 8.11 ft. dist.
173.00	Cor. No. 3 of the MARKIE'S FRACTION lode of this survey.
295.	Center of improved dirt road, 14. ft. wide, bears N.80°W. and S.80°E.
585.35	Intersect line 4-1, M.S. No. 4813 ROSEMARIE NO. 6 Exception lode, at a point from which Cor. No. 1 bears N.89°40'E., 526.51 ft. dist.
715.	Center of unimproved dirt road, 8. ft. wide, bears N.70°W. and S.70°E.
738.00	Intersect line 3-4, M.S. No. 4677 Elva F. No. 1 lode, at a point from which Cor. No. 4 bears S.84°27'14"W., 19.50 ft. dist.
1,184.10	Intersect line 7-8, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 8 bears S.89°40'10"W., 856.00 ft. dist.

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FEET	
1,184.11	Intersect line 2-3, M.S. No. 4813 ROSEMARIE NO. 6 Exception lode, at a point from which Cor. No. 3 bears S.89°40'W., 1,006.27 ft. dist.
1,499.50	<p>Cor. No. 3.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.W. 3 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence S.89°20'50"W.</p>
21.95	Intersect line 3-4, M.S. No. 4859 Laura Mae #1 lode, at a point from which Cor. No. 4 bears N.0°03'19"W., 1,327.30 ft. dist.
299.75	Lode line; discovery point bears N.0°39'10"W., 1,319.50 ft. dist.
599.50	<p>Cor. No. 4, identical with Cor. No. 2 of the DIVIDE lode of this survey.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X L.W. 4 D. 2 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">Cor. No. 8, M.S. No. 4810-Am. Superior Perlite No. 1. placer, bears N.39°20'46"W., 410.27 ft. dist.</p> <p style="padding-left: 40px;">Cor. No. 3, M.S. No. 4813 ROSEMARIE NO. 6 Exception lode, bears N.52°22'22"W., 518.16 ft. dist.</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence N.0°39'10"W.</p>
318.74	Intersect line 2-3, M.S. No. 4813 ROSEMARIE NO. 6 Exception lode, at a point from which Cor. No. 3 bears S.89°40'W., 406.76 ft. dist.

## Mineral Survey No. 4871

FEET	
318.78	Intersect line 7-8, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 8 bears S.89°40'10"W., 256.49 ft. dist.
360.	Center of unimproved dirt road, 8. ft. wide, bears N.15°E. and S.15°W.
917.50	Intersect line 4-1, M.S. No. 4813 ROSEMARIE NO. 6 Exception lode, at a point from which Cor. No. 1 bears N.89°40'E., 1,126.02 ft. dist.
1,286.	Center of unimproved dirt road, 8. ft. wide, bears N.45°W. and S.45°E.
1,465.	Center of improved dirt road, 14. ft. wide, bears N.35°W. and S.35°E.
1,499.50	Cor. No. 1, and place of beginning.
DIVIDE LODE	
Beginning at Cor. No. 1 of the DIVIDE lode, identical with Cor. No. 1 of the LOOK-OUT-WEDGE lode and on line 2-3, ATOMIC BOMB lode, both of this survey.	
Thence S.0°39'10"E.	
34.5	Center of improved dirt road, 14. ft. wide, bears N.35°W. and S.35°E.
213.5	Center of unimproved dirt road, 8. ft. wide, bears N.45°W. and S.45°E.
582.00	Intersect line 4-1, M.S. No. 4813 ROSEMARIE NO. 6 Exception lode, at a point from which Cor. No. 4 bears S.89°40'W., 373.48 ft. dist.
1,139.5	Center of unimproved dirt road, 8. ft. wide, bears N.15°E. and S.15°W.
1,180.72	Intersect line 7-8, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 8 bears S.89°40'10"W., 256.49 ft. dist.
1,180.76	Intersect line 2-3, M.S. No. 4813 ROSEMARIE NO. 6 Exception lode, at a point from which Cor. No. 3 bears S.89°40'W., 406.76 ft. dist.

## Mineral Survey No. 4871

FEET	
1,499.50	Cor. No. 2, identical with Cor. No. 4 of the LOOK-OUT-WEDGE lode of this survey.
	Thence S.89°20'50"W.
299.75	Lode line; discovery point bears N.0°39'10"W., 1,249.50 ft. dist.
599.50	Cor. No. 3.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X D. 3 U.S.M.S. 4871; from which
	The SE cor. of the Sil-Flo No. 2 lode (unsurveyed), bears N.72°E., 290.00 ft. dist.
	A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence N.0°39'10"W.
15.67	Intersect the South end line of the Sil-Flo No. 2 lode (unsurveyed), at a point from which the SE cor. bears N.75°E., 285.72 ft. dist.
396.	Center of unimproved dirt road, 8. ft. wide, bears N.85°E. and S.85°W.
436.28	Intersect the East side line of the Sil-Flo No. 2 lode (unsurveyed), at a point from which the SE cor. bears S.39°00'27"E., 446.09 ft. dist.
599.50	Cor. No. 2 of the HAVALINA No. 2 lode of this survey.
1,499.50	Cor. No. 4, on line 2-3 ATOMIC BOMB lode of this survey.
	Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X D. 4 U.S.M.S. 4871; from which
	A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.

## Mineral Survey No. 4871

FEET	
	Thence N.89°20'50"E.
299.75	Lode line; discovery point bears S.0°39'10"E., 250.00 ft. dist.
353.06	Intersect line 8-1, M.S. No. 4810-Am. Superior Perlite No. 1. placer, at a point from which Cor. No. 8 bears S.0°09'54"E., 1,179.32 ft. dist.
575.	Center of improved dirt road, 14. ft. wide, bears N.35°W. and S.35°E.
599.50	Cor. No. 1, and place of beginning.
<hr/>	
MARKIE'S FRACTION LODE	
At Cor. No. 1 of the MARKIE'S FRACTION lode.	
Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X M.F. 1 U.S.M.S. 4871; from which	
The 1/4 sec. cor. of secs. 8 & 9, T.2 S., R.12 E., G.& S.R.M., bears N.40°17'47"W., 154.55 ft. dist., hereinbefore described.	
Cor. No. 4, M.S. No. 4677 Forgotten Wedge lode, bears S.22°06'01"W., 113.56 ft. dist.	
A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.	
No local bearing objects or bearing trees available.	
Thence S.0°39'10"E.	
0.57	Intersect line 1-2, M.S. No. 4677 Forgotten Wedge lode, at a point from which Cor. No. 1 bears S.88°15'32"W., 71.87 ft. dist.
1.08	Intersect line 4-1, M. S. No. 4707 Superior Perlite #1 lode, at a point from which Cor. No. 1 lode bears S.88°14'55"W., 506.54 ft. dist.
86.50	Lode line; discovery point bears S.88°14'55"W., 552.69 ft. dist.

## Mineral Survey No. 4871

FEET	
100.87	Intersect line 1-2, M.S. No. 4677 Elva F. No. 1 lode, at a point from which Cor. No. 1 bears S.84°40'W., 646.31 ft. dist.
101.43	Intersect line 3-4, M.S. No. 4677 Forgotten Wedge lode, at a point from which Cor. No. 4 bears S.85°03'34"W., 44.04 ft. dist.
173.00	<p>Cor. No. 2.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X M.F. 2 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence S.88°14'55"W.</p>
312.	Center of improved dirt road, 14. ft. wide, bears N.25°E. and S.25°W.
540.84	Intersect line 4-1, M.S. No. 4859 Laura Mae #1 lode, at a point from which Cor. No. 4 bears S.89°56'37"W., 29.96 ft. dist.
562.69	<p>Cor. No. 3, on line 2-3 LOOK-OUT-WEDGE lode of this survey.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X M.F. 3 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">Cor. No. 4, M.S. No. 4859 Laura Mae #1 lode, bears N.85°29'35"W., 8.14 ft. dist.</p> <p style="padding-left: 40px;">Cor. No. 1, M.S. No. 4810-Am. Superior Perlite No. 1. placer, bears N.69°46'06"W., 904.04 ft. dist.</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence N.0°39'10"W.</p>
0.65	Intersect line 4-1, M.S. No. 4859 Laura Mae #1 lode, at a point from which Cor. No. 4 bears S.89°56'37"W., 8.11 ft. dist.



## Mineral Survey No. 4871

FEET	
36.86	Intersect line 1-2, M.S. No. 4677 Elva F. No. 1 lode, at a point from which Cor. No. 1 bears S.84°40'W., 81.84 ft. dist.
86.50	Lode line; discovery point bears N.88°14'55"E., 10.00 ft. dist.
173.00	Cor. No. 4, identical with Cor. No. 2 of the LOOK-OUT-WEDGE lode and on line 2-3 ATOMIC BOMB lode, both of this survey.  Thence N.88°14'55"E.
56.15	Intersect line 1-2, M.S. No. 4707 Superior Perlite #1 lode, common with line 1-2 ATOMIC BOMB lode of this survey, at a point from which Cor. No. 1, identical with Cor. No. 2 of the ATOMIC BOMB lode of this survey, bears S.0°39'10"E., 1.08 ft. dist.
305.	Center of improved dirt road, 14. ft. wide, bears N.18°W. and S.18°E.
562.69	Cor. No. 1, and place of beginning.
HAVALINA No. 2 LODE	
At Cor. No. 1 of the HAVALINA No. 2 lode, on line 1-2 LA CHOLLA lode, common with line 4-1 ATOMIC BOMB lode, both of this survey.	
Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X H.2 1 U.S.M.S. 4871; from which	
The 1/4 sec. cor. of secs. 8 & 9, T.2 S., R.12 E., G.& S.R.M., bears S.74°52'07"E., 1,728.15 ft. dist., hereinbefore described.	
A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.	
No local bearing objects or bearing trees available.	
Thence S.0°39'10"E.	
599.87	Cor. No. 4 of the DIVIDE lode on line 2-3 ATOMIC BOMB lode, both of this survey.
1,499.50	Cor. No. 2, on line 3-4 DIVIDE lode of this survey.

## Mineral Survey No. 4871

FEET	
	<p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X H.2 2 U.S.M.S. 4871; from which</p>
	<p>A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p>
	<p>No local bearing objects or bearing trees available.</p>
	<p>Thence S.89°20'50"W.</p>
129.16	<p>Intersect the East side line of the Sil-Flo No. 2 lode (unsurveyed), at a point from which the SE cor. bears S.39°00'27"E., 654.23 ft. dist.</p>
299.75	<p>Lode line; discovery point bears N.0°39'10"W., 1,489.50 ft. dist.</p>
599.50	<p>Cor. No. 3.</p>
	<p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X H.2 3 U.S.M.S. 4871; from which</p>
	<p>The SE cor. of the Sil-Flo No. 2 lode (unsurveyed), bears S.60°18'22"E., 1,015.44 ft. dist.</p>
	<p>A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p>
	<p>No local bearing objects or bearing trees available.</p>
	<p>Thence N.0°39'10"W.</p>
594.39	<p>Intersect the East side line of the Sil-Flo No. 2 lode (unsurveyed), at a point from which the SE cor. bears S.39°00'27"E., 1,412.20 ft. dist.</p>
599.10	<p>Cor. No. 1 of the HAVALINA lode of this survey.</p>
1,239.	<p>Center of unimproved dirt road, 8. ft. wide, bears N.70°W. and S.70°E.</p>
1,274.	<p>Center of improved dirt road, 14. ft. wide, bears N.52°E. and S.52°W.</p>

## Mineral Survey No. 4871

FEET	
1,499.50	<p>Cor. No. 4, on line 4-1, HAVALINA lode of this survey.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X H.2 4 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence N.89°20'50"E.</p>
230.	Center of improved dirt road, 14. ft. wide, bears N.32°E. and S.32°W.
299.75	Lode line; discovery point bears S.0°39'10"E., 10.00 ft. dist.
355.14	Cor. No. 2 of the LA CHOLLA lode, identical with Cor. No. 4 of the ATOMIC BOMB lode, both of this survey.
599.50	Cor. No. 1, and place of beginning.
HAVALINA LODGE	
At Cor. No. 1 of the HAVALINA lode, on line 3-4 HAVALINA No. 2 lode of this survey.	
Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X H. 1 U.S.M.S. 4871; from which	
The 1/4 sec. cor. of secs. 8 & 9, T.2 S., R.12 E., G.& S.R.M., bears N.78°34'42"E., 2,303.04 ft. dist., hereinbefore described.	
A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.	
No local bearing objects or bearing trees available.	
Thence S.89°20'50"W.	
3.73	Intersect the East side line of the Sil-Flo No. 2 lode (unsurveyed), at a point from which the NE cor. bears N.39°00'27"W., 86.14 ft. dist.

## Mineral Survey No. 4871

FEET	
299.75	Lode line; discovery point bears N.0°39'10"W., 1,489.50 ft. dist.
321.43	Intersect the North end line of the Sil-Flo No. 2 lode (unsurveyed), at a point from which the NE cor. bears N.75°E., 272.76 ft. dist.
487.92	Intersect the East side line of the Sil-Flo No. 1 lode (unsurveyed), at a point from which the NE cor. bears North, 738.68 ft. dist.
599.50	<p>Cor. No. 2.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X H. 2 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">The NW cor. of the Sil-Flo No. 2 lode (unsurveyed), bears S.25°00'43"W., 89.96 ft. dist.</p> <p style="padding-left: 40px;">The NE cor. of the Sil-Flo No. 1 lode (unsurveyed), bears N.08°34'28"E., 748.32 ft. dist.</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence N.0°39'10"W.</p>
540.	Center of unimproved dirt road, 8. ft. wide, bears N.40°W. and S.40°E.
740.00	Intersect the North end line of the Sil-Flo No. 1 lode (unsurveyed), at a point from which the NE cor. bears East, 120.00 ft. dist.
1,499.50	<p>Cor. No. 3.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X H. 3 U.S.M.S. 4871; from which</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p>

## Mineral Survey No. 4871

FEET	
	Thence N.89°20'50"E.
299.75	Lode line; discovery point bears S.0°39'10"E., 10.00 ft. dist.
485.	Center of improved dirt road, 14. ft. wide, bears N.25°W. and S.25°E.
564.50	Witness cor. for Cor. No. 4.  Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X W.C. H. 4 U.S.M.S. 4871; from which  A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.  No local bearing objects or bearing trees available.
599.50	True point for Cor. No. 4.  This cor. falls at a point where a permanent monument cannot be established.  Thence S.0°39'10"E.
599.10	Cor. No. 4 of the HAVALINA No. 2 lode of this survey.
860.	Center of improved dirt road, 14. ft. wide, bears N.52°E. and S.52°W.
895.	Center of unimproved dirt road, 8. ft. wide, bears N.70°W. and S.70°E.
1,499.50	Cor. No. 1, and place of beginning.
Mineral Survey No. 4871	
AREAS	Acres
Total area, I-DO-IT lode -----	20.637
Area in conflict with:	
H.E.S. No. 167 -----	4.394
M.S. No. 4204, Dewberry lode -----	0.024
M.S. No. 4810-Am., Superior Perlite No. 1. placer -----	5.526

## Mineral Survey No. 4871

FEET	AREAS	Acres
	Total area, CRUZALITE lode -----	5.946
	Area in conflict with:	
	H.E.S. No. 167 -----	1.927
	M.S. No. 4707, David R. No. 1 lode -----	0.110
	M.S. No. 4812, ROSEMARIE NO. 1 Exception lode -----	5.836
	M.S. No. 4812, ROSEMARIE NO. 1 Exception lode, exclusive of its conflict with:	
	(1) H.E.S. No. 167 -----	3.908
	(2) Tract A -----	3.250
	(3) H.E.S. No. 167 and Tract A -----	1.323
	M.S. No. 4810-Am., Superior Perlite No. 1. placer -----	4.223
	M.S. No. 4810-Am., Superior Perlite No. 1. placer, exclusive of its conflict with:	
	(1) H.E.S. No. 167 -----	3.875
	(2) M.S. No. 4707, David R. No. 1 lode -----	4.113
	(3) M.S. No. 4812, ROSEMARIE NO. 1 Exception lode -----	0.110
	(4) H.E.S. No. 167; M.S. No. 4707, David R. No. 1 lode and M.S. No. 4812, ROSEMARIE NO. 1 Exception lodes -----	0.000
	Total area, LA CHOLLA lode -----	20.650
	Area in conflict with:	
	M.S. No. 4810-Am., Superior Perlite No. 1. placer -----	12.329
	Total area, ATOMIC BOMB lode -----	20.650
	Area in conflict with:	
	M.S. No. 4810-Am., Superior Perlite No. 1. placer -----	12.390
	Total area, LOOK-OUT-WEDGE lode -----	20.637
	Area in conflict with:	
	M.S. No. 4677, Elva F. No. 1 lode -----	0.698
	M.S. No. 4810-Am., Superior Perlite No. 1. placer -----	16.273
	M.S. No. 4810-Am., Superior Perlite No. 1. placer, exclusive of its conflict with:	
	(1) M.S. No. 4677, Elva F. No. 1 lode -----	15.575
	(2) M.S. No. 4813, ROSEMARIE NO. 6 Exception lode -----	8.033
	(3) M.S. No. 4859, Laura Mae #1 lode -----	15.962
	(4) M.S. No. 4677, Elva F. No. 1 lode; M.S. No. 4813, ROSEMARIE NO. 6 Exception lode and M.S. No. 4859, Laura Mae #1 lode -----	7.432
	M.S. No. 4813, ROSEMARIE NO. 6 Exception lode -----	8.241

## Mineral Survey No. 4871

FEET	AREAS	Acres
	M.S. No. 4813, ROSEMARIE NO. 6 Exception lode, exclusive of its conflict with:	
	(1) M.S. No. 4677, Elva F. No. 1 lode -----	8.144
	(2) M.S. No. 4859, Laura Mae #1 lode	8.027
	(3) M.S. No. 4677, Elva F. No. 1 lode and M.S. No. 4859, Laura Mae #1 lode -----	7.977
	M.S. No. 4859, Laura Mae #1 lode -----	0.458
	M.S. No. 4859, Laura Mae #1 lode, exclusive of its conflict with:	
	M.S. No. 4677, Elva F. No. 1 lode -----	0.314
	Total area, DIVIDE lode -----	20.637
	Area in conflict with:	
	M.S. No. 4810-Am., Superior Perlite No. 1. placer -----	6.812
	M.S. No. 4810-Am., Superior Perlite No. 1. placer, exclusive of its conflict with M.S. No. 4813 ROSEMARIE NO. 6 Exception lode -----	3.322
	M.S. No. 4813, ROSEMARIE NO. 6 Exception lode -----	5.362
	Sil-Flo #2 lode (unsurveyed) -----	1.336
	Total area, MARKIE'S FRACTION lode -----	2.234
	Area in conflict with:	
	M.S. No. 4677, Elva F. No. 1 lode -----	0.704
	M.S. No. 4677, Forgotten Wedge lode -----	0.136
	M.S. No. 4677, Forgotten Wedge lode, exclusive of its conflict with:	
	(1) M.S. No. 4677, Elva F. No. 1 lode -----	0.136
	(2) M.S. No. 4707, Superior Perlite #1 lode -----	0.136
	(3) M.S. No. 4677, Elva F. No. 1 lode and M.S. No. 4707, Superior Perlite #1 lode -----	0.135
	M.S. No. 4707, Superior Perlite #1 lode -----	0.014
	M.S. No. 4810-Am., Superior Perlite No. 1. placer -----	2.234
	M.S. No. 4810-Am., Superior Perlite No. 1. placer, exclusive of its conflict with:	
	(1) M.S. No. 4677, Elva F. No. 1 lode -----	1.531
	(2) M.S. No. 4677, Forgotten Wedge lode -----	2.098
	(3) M.S. No. 4707, Superior Perlite #1 lode -----	2.222
	(4) M.S. No. 4677, Elva F. No. 1 and Forgotten Wedge lodes and M.S. No. 4707, Superior Perlite #1 lode -----	1.383
	M.S. No. 4859, Laura Mae #1 lode -----	0.001

## Mineral Survey No. 4871

FEET	
	AREAS
	Acres
	Total area, HAVALINA No. 2 lode ----- 20.637
	Area in conflict with:
	ATOMIC BOMB lode of this survey ----- 3.365
	Sil-Flo #2 lode (unsurveyed) ----- 3.209
	Total area, HAVALINA lode ----- 20.637
	Area in conflict with:
	Sil-Flo #1 lode (unsurveyed) ----- 1.965
	Sil-Flo #2 lode (unsurveyed) ----- 0.246
	LOCATION
	This survey is located in the NE 1/4, NW 1/4, SE 1/4 & SW 1/4, Sec. 8 and the NW 1/4 & SW 1/4, Sec. 9, T.2 S., R.12 E., G. & S.R.M.
	The survey of the I-DO-IT, CRUZALITE, LA CHOLLA, ATOMIC BOMB, LOOK-OUT-WEDGE, DIVIDE, MARKIE'S FRACTION, HAVALINA No. 2 and HAVALINA lodes is identical with the locations or amended locations as marked on the ground.
	EXPENDITURES
	The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claims by the claimant or its grantors are as follows:
No. 1	The discovery point of the I-DO-IT lode is on the lode line, 10. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None
No. 1	The discovery point of the CRUZALITE lode is on the lode line, 10. ft. from a point on line 1-2, 184.75 ft. from Cor. No. 1, a post and notice. Value, None
No. 1	The discovery point of the LA CHOLLA lode is on the lode line, 10. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None
No. 1	The discovery point of the ATOMIC BOMB lode is on the lode line, 10. ft. from a point on line 1-2, 299.75 ft. from Cor. No. 1, a post and notice. Value, None



## Mineral Survey No. 4871

FEET	
No. 1	<p>The discovery point of the LOOK-OUT-WEDGE lode is on the lode line, 180. ft. from a point on line 1-2, 299.75 ft. from Cor. No. 1, a post and notice. Value, None</p>
No. 2	<p>Irregularly cleared and scraped areas exposing perlite on the LOOK-OUT-WEDGE lode, the northeast cor. of which bears S.30°W., 525. ft. from Cor. No. 2 of the LOOK-OUT-WEDGE lode; the areas have a maximum length of 600. ft. and vary in width from 150. ft. to 300. ft. Value, \$ 500.</p>
No. 1	<p>The discovery cut of the DIVIDE lode is on the lode line, the center of which is 250. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4; irregularly shaped, running approximately 50. ft. north and 50. ft. south, varying 50-100 ft. wide and averaging 3.5 ft. deep. Value, \$ 2,000.</p>
No. 2	<p>A series (5) of interconnecting caves for mining obsidian glass nodules (Apache Tears) the easternmost of which bears S.18°W., 600. ft. from Cor. No. 1 of the DIVIDE lode; each cave is approximately 16-18 ft. wide, 15-16 ft. high, running north 18-25 ft. where they connect with an opening running N.70°E., 40-50 ft. to an enlarged opening 45 x 30 ft. in size, 25. ft. high. Value, \$ 10,000.</p>
No. 1	<p>The discovery point of the MARKIE'S FRACTION lode is on the lode line, 10. ft. from a point on line 3-4, 86.25 ft. from Cor. No. 3, a post and notice. Value, None</p>
No. 1	<p>The discovery point of the HAVALINA No. 2 lode is on the lode line, 10. ft. from a point on line 4-1, 299.75 ft. from Cor. No. 4, a post and notice. Value, None</p>
No. 2	<p>A pit on the HAVALINA No. 2 lode, trapezoidal in shape, the northwest point of which bears S.20°W., 140. ft. from Cor. No. 3 of the ATOMIC BOMB lode; 70. ft. wide, running southeasterly 80. ft., average depth 6. ft. Value, \$ 1,000.</p>
No. 1	<p>The discovery point of the HAVALINA lode is on the lode line, 10. ft. from a point on line 3-4, 299.75 ft. from Cor. No. 3, a post and notice. Value, None</p>

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An interest in a common improvement described as follows:

An improved gravel road that provides access to MARKIE'S FRACTION, LOOK-OUT-WEDGE, DIVIDE, ATOMIC BOMB, LA CHOLLA, HAVALINA No. 2 and HAVALINA lodes enters MARKIE'S FRACTION lode at a point that bears S.88°14'55"W., 258. ft. from Cor. No. 1 of the MARKIE'S FRACTION lode; thence southwesterly 180. ft. exiting MARKIE'S FRACTION lode at a point that bears N.88°14'55"E., 251. ft. from Cor. No. 3 of the MARKIE'S FRACTION lode; thence southwesterly 150. ft. at which point the road turns westerly 180. ft. entering the LOOK-OUT-WEDGE lode at a point which bears S.0°39'10"E., 195. ft. from Cor. No. 2 of the LOOK-OUT-WEDGE lode, identical with Cor. No. 4 of the MARKIE'S FRACTION lode; thence continuing westerly 50. ft. at which point a gradual curve to the left commences continuing southwesterly 250. ft. at which point a secondary road bears to the left and continues southerly 110. ft. at which point the road turns southwesterly 540. ft. entering the DIVIDE lode at a point that bears N.0°39'10"W., 360. ft. from Cor. No. 2 of the DIVIDE lode, identical with Cor. No. 4 of the LOOK-OUT-WEDGE lode; thence southwesterly 180. ft. at which point the road turns northwesterly 500. ft. exiting the DIVIDE lode at a point that bears N.0°39'10"W., 396. ft. from Cor. No. 3 of the DIVIDE lode; the right leg of which curves gently to the right and continues northwesterly 60. ft. at which point a secondary road is intersected which bears left 400. ft. entering the DIVIDE lode at a point S.0°39'10"E., 210. ft. from Cor. No. 1 of the DIVIDE lode, identical with Cor. No. 1 of the LOOK-OUT-WEDGE lode; thence northwesterly 200. ft. at which point the road enters the scraped area; the right leg continues northwesterly 600. ft. entering the DIVIDE lode at a point S.0°39'10"E., 34.5 ft. from Cor. No. 1 of the DIVIDE lode, identical with Cor. No. 1 of the LOOK-OUT-WEDGE lode; thence northwesterly 90. ft. which point bears S.89°20'50"E., 25. ft. from Cor. No. 1 of the DIVIDE lode, identical with Cor. No. 1 of the LOOK-OUT-WEDGE lode; thence continuing northwesterly 800. ft. entering LA CHOLLA lode at a point that bears N.89°20'50"E., 36. ft. from Cor. No. 1 of the HAVALINA No. 2 lode; thence northeasterly 100. ft. at which point a gradual curve to the left commences and continues for 200. ft. at which point the road bears southwesterly 200. ft. exiting LA CHOLLA lode at a point that bears N.0°39'10"W., 105. ft. from Cor. No. 2 of the LA CHOLLA lode, identical with Cor. No. 4 of the ATOMIC BOMB lode; thence southwesterly 160. ft. entering HAVALINA No. 2 lode at a point that bears N.89°20'50"E., 230. ft. from Cor. No. 4 of the HAVALINA No. 2 lode; thence southwesterly 350. ft. entering HAVALINA lode at a point that bears S.0°39'10"E., 296. ft. from Cor. No. 4 of the HAVALINA No. 2 lode; thence 30. ft. southwesterly at which point a secondary road bears left and continues southeasterly 30. ft. entering HAVALINA No. 2 lode at a point that bears S.0°39'10"E., 331. ft. from Cor. No. 4 of the HAVALINA No. 2

## Mineral Survey No. 4871

FEET

lode; thence 600. ft. southeasterly at which point the road terminates at a pit; the right leg of which continues 60. ft. south-westerly at which point a secondary road bears left and continues southwesterly 350. ft. at which point the road curves to the right and bears northwesterly 180. ft. to an intersection with the left leg continuing southwesterly 40. ft. exiting HAVALINA lode at a point which bears N.0°39'10"W., 490. ft. from Cor. No. 2 of the HAVALINA lode; the right leg continues northwesterly 40. ft. exiting HAVALINA lode at a point which bears N.0°39'10"W., 540. ft. from Cor. No. 2 of the HAVALINA lode; the right leg curves to the right and continues northerly 880. ft. exiting HAVALINA lode at a point which bears S.89°20'50"W., 115. ft. from Cor. No. 4 of the HAVALINA lode.

Value of Road	\$ 12,000
Value of 1/7 interest	1,714

This improvement provides access to the proposed mining area for the development of the lodes of this survey. There is no other access to the proposed mining area, thus it affords the most practical and economical means of developing each of the stated lodes of this survey.

Five hundred dollars or over has been expended in these improvements in such a manner as tends to the development of the lodes of this survey subsequent to their location and to the time since which common ownership and contiguity have prevailed, therefore, an undivided 1/7 interest in their value is hereby credited to these lodes.

An interest in a common improvement described as follows:

A pit, common to CRUZALITE, LA CHOLLA and I-DO-IT lodes, rectangular in shape, the southwest point of which bears N.40°W., 80. ft. from Cor. No. 1 of the I-DO-IT lode, identical with Cor. No. 1 of the CRUZALITE lode and Cor. No. 4 of the LA CHOLLA lode, 100. ft. wide, running E. 250. ft., average depth 20. ft.

Value (exclusive of M.S. No. 4707, David R. No. 1 lode)	\$ 16,000
Value of 3/4 interest	5,333

Five hundred dollars or over has been expended in this improvement in such manner as tends to the development of the lodes of this survey subsequent to their location and to the time since which common ownership and contiguity have prevailed, therefore, an undivided 1/3 interest (exclusive of M.S. No. 4707, David R. No. 1 lode) in its value is hereby credited to these lodes.

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FEET	
	OTHER IMPROVEMENTS
	None
	OTHER CORNER DESCRIPTIONS and SUPPLEMENTAL DATA
	<p>H.E.S. No. 167: The mkd. stone for Cor. No. 6 has been moved. In its place we accepted a concrete-filled iron post, 4 ins. in diam., 5.5 ft. above ground as the cor. due to the close proximity of its location to the record bearing and distance. Cor. No. 7 is monumented with a 2 in. pipe flush with the ground, properly mkd. Cors. Nos. 8 and 10 are monumented with 3/4 in. pipe with a brass cap, 1 ft. above ground, firmly set, properly mkd. Cor. No. 9 could not be found. Its location was determined by broken boundary method between Cors. Nos. 8 and 10. Line 6-7 was found to be S.75°34'25"W., 632.05 ft. instead of S.75°26'W., 647.36 ft. as approved. Line 7-8 was found to be S.75°34'25"W., 145.33 ft. instead of S.75°26'W., 127.59 ft. as approved in M.S. No. 4812. Line 8-9 was found to be N.66°20'50"W., 672.00 ft. instead of N.66°20'57"W., 671.78 ft. as approved. Line 9-10 was found to be N.88°35'50"W., 1,180.11 ft. instead of N.88°34'26"W., 1,180.00 ft. as approved.</p>
	<p>M.S. No. 4204, Dewberry lode: Cor. No. 1 is monumented with a mkd. rock, 24 x 14 ins., 18 ins. above ground. Cor. No. 2 is monumented with a 2 ins. diam. pipe with a lead cap, 18 ins. above ground, firmly set, properly mkd. Line 1-2 was found to be S.13°58'09"E., instead of S.14°W. as approved.</p>
	<p>M.S. No. 4677, Elva F. No. 1 lode: Cors. Nos. 1, 4 and 2, identical with Cor. No. 1, M.S. No. 4814 ROSEMARIE NO. 8 Exception lode are monumented with 3/4 in. pipe with a brass cap, 1 ft. above ground, firmly set, properly mkd. Line 1-2 is shown as approved. Line 3-4 is shown as approved. Line 4-1 was found to be N.06°35'49"W., 600.07 ft. instead of N.06°34'49"W., 600,08 ft. as approved.</p>
	<p>M.S. No. 4677, Forgotten Wedge lode: Cors. Nos. 1 and 4 are monumented with 3/4 in. pipe with a brass cap, 1 ft. above ground, firmly set, properly mkd. Line 1-2 is shown as approved. Line 3-4 is shown as approved. Line 4-1 was found to be correct.</p>
	<p>M.S. No. 4707, David R. No. 1 lode: Cor. No. 1, identical with Cor. No. 2, Superior Perlite #1 lode of the same survey, Cor. No. 1 of the LA CHOLLA lode and Cor. No. 1 of the ATOMIC BOMB lode, both of this survey, described above. Cor. No. 2, identical with Cor. No. 2, M.S. No. 4812 ROSEMARIE NO. 1 Exception lode, Cor. No. 1 of the I-DO-IT lode and Cor. No. 1 of the CRUZALITE lode, both of this survey, described above. Cor.</p>

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No. 3, identical with Cor. No. 4, M.S. No. 4812 ROSEMARIE NO. 1 Exception lode is monumented with 3/4 in. pipe with a brass cap, 1 ft. above ground, firmly set, properly mkd. Line 1-2, common with line 4-1, LA CHOLLA lode of this survey, described above. Line 2-3, common with line 4-1, M.S. No. 4812 ROSEMARIE NO. 1 Exception lode is shown as approved. Line 4-1, common with line 2-3, M.S. No. 4707 Superior Perlite #1 lode, is shown as approved.

M.S. No. 4707, Superior Perlite #1 lode: Cor. No. 1, identical with Cor. No. 4, M.S. No. 4849 ROSEMARIE Fraction lode and Cor. No. 2 of the ATOMIC BOMB lode of this survey, described above. Cor. No. 2, identical with Cor. No. 1 of the David R. No. 1 lode of the same survey, Cor. No. 1 of the ATOMIC BOMB lode and Cor. No. 1 of the LA CHOLLA lode, both of this survey, described above. Cor. No. 4, identical with Cor. No. 1, M.S. No. 4812 ROSEMARIE NO. 7 Exception lode is monumented with 3/4 in. pipe with a brass cap, 1 ft. above ground, firmly set, properly mkd. Line 1-2, common with line 1-2 ATOMIC BOMB lode of this survey, described above. Line 2-3 is shown as approved. Line 4-1, in part common with line 4-1, M.S. No. 4849 ROSEMARIE Fraction lode was found to be correct as approved.

M.S. No. 4810-Am., Superior Perlite No. 1. placer: Cor. No. 1, identical with the C-E 1/16 sec. cor. of sec. 8; Cor. No. 2, identical with the NE 1/16 sec. cor. of sec. 8; Cor. No. 3, identical with the N 1/16 sec. cor. of secs. 8 and 9; Cor. No. 7, identical with the S 1/16 sec. cor. of secs. 8 and 9 and Cor. No. 8, identical with the SE 1/16 sec. cor. of sec. 8 are monumented with 3/4 in. pipe with a brass cap, 1 ft. above ground, firmly set, properly mkd. Lines 1-2, 2-3, 7-8 and 8-1 were found to be correct as approved.

M.S. No. 4812, ROSEMARIE NO. 1 Exception lode: Cor. No. 1, identical with Cor. No. 2, M.S. No. 4707 David R. No. 1 lode, Cor. No. 1 of the I-DO-IT lode and Cor. No. 4 of the LA CHOLLA lode, both of this survey, described above. Cor. No. 2, identical with Cor. No. 2 of the CRUZALITE lode of this survey, described above. Cor. No. 4, identical with Cor. No. 3, M.S. No. 4707 David R. No. 1 lode, described above. Line 1-2, common with line 1-2 CRUZALITE lode and in part common with line 4-1, I-DO-IT lode, both of this survey, described above. Line 2-3, is shown as approved. Line 4-1, common with line 2-3, M.S. No. 4707 David R. No. 1 lode is shown as approved.

M.S. No. 4813, ROSEMARIE NO. 6 Exception lode: Cors. Nos. 1, 2, 3 and 4 are monumented with 3/4 in. pipe with a brass cap, 1 ft. above ground, firmly set, properly mkd. Lines 1-2, 2-3, 3-4 and 4-1 were found to be correct as approved.

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M.S. No. 4859, Laura Mae #1 lode: Cors. Nos. 1, 2, 3 and are monumented with 3/4 in. pipe with a brass cap, 1 ft. above ground, firmly set, properly mkd. Lines 1-2, 2-3, 3-4 and 4-1 were found to be correct as approved.

Tract A: That part of M.S. No. 4812, ROSEMARIE NO. 1 Exception lode which was excluded by court decree.

## MEMORANDUM

None

## FIELD ASSISTANTS

Name	Capacity
Kent Miller	Assistant Instrumentman
Gary Shew	Rodman-Chainman

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

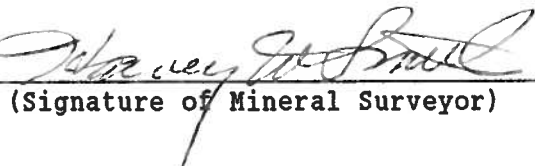
Name of Mineral Surveyor	Date
Harvey W. Smith	January 22, 1992

I HEREBY CERTIFY That in pursuance of an order received from the Arizona State Office, Bureau of Land Management, at Phoenix, Arizona, dated August 18, 1989, I have carefully executed the survey of the claim of Guzman Construction Co., known as the I-DO-IT (2nd amended), CRUZALITE, LA CHOLLA, ATOMIC BOMB, LOOK-OUT-WEDGE (2nd amended), DIVIDE (2nd amended), MARKIE'S FRACTION, HAVALINA No. 2 (2nd amended), and HAVALINA lodes, situated in surveyed sections 8 and 9, Township 2 South, Range 12 East, Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4871, 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 I-DO-IT (2nd amended), CRUZALITE, LA CHOLLA, ATOMIC BOMB, LOOK-OUT-WEDGE (2nd amended), DIVIDE (2nd amended), MARKIE'S FRACTION, HAVALINA No. 2 (2nd amended), and HAVALINA lodes locations embraced in the said mining claim by claimant(s) 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.

Scottsdale, Arizona  
(Location)

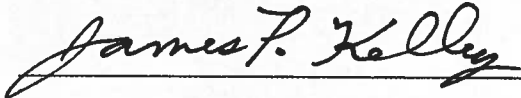
  
(Signature of Mineral Surveyor)

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  
March 16, 1992

The foregoing field notes of mineral survey number 4871, in surveyed sections 8 and 9, Township 2 South, Range 12 East, Gila and Salt River Meridian, in the State of Arizona, executed by Harvey W. Smith, Mineral Surveyor, under order dated August 18, 1989, 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)

Chief Cadastral Surveyor of Arizona

(Title)



Form 3860-11  
(March 1991)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CERTIFICATE OF EXPENDITURES, IMPROVEMENTS, AND MINERAL SURVEY**

Name of Claimant

GUZMAN CONSTRUCTION CO.

Serial Number

Date

Mineral Survey Number

4871

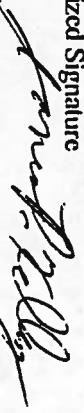
**I HEREBY CERTIFY** That the record of the above-described mineral survey furnishes such an accurate description of all claims embraced within the survey that it will, if incorporated into a patent, serve fully to identify the premises and that references are made in the survey to natural objects or permanent monuments so that the location of the claims will be perpetuated and fixed.

**I FURTHER CERTIFY** That the record reveals 1) not less than \$500 worth of labor has been expended for improvements upon and for the benefit of each of the lode claims embraced within the survey, and 2) that the improvements were made by the claimant or his grantors.

Date

March 23, 1992

Authorized Signature



JAMES P. KELLEY, Chief, Branch of Cadastral Survey