

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number

4786

State

Arizona

Land District

Arizona

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

Frank C. Peterson
Robert J. Dierking
P. O. Box 21462
Phoenix, Arizona 85036

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Golden Hillside	8/1/66	4/4/75

Mining district Superstition			County Maricopa	
Section 36	Township 2 North	Range 8 East	Meridian Gila & Salt River	Survey under order dated 3/14/75 and 4/28/75
Survey commenced 3/17/75		Survey completed 4/30/75	Name of Mineral Surveyor Harvey W. Smith	

4386
Arizona
Arizona

THE STATE OF ARIZONA
DEPARTMENT OF LAND AND WATER
PHOENIX, ARIZONA

Frank C. Peterson
Robert J. Peterson
P. O. Box 211
Phoenix, Arizona 85036

Arizona
Arizona

4/17/75

8/1/68

Golden Hillside

4/17/75 and 4/22/75

Montego

Superstition

Arizona

Arizona

Arizona

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 10-second accuracy and estimating to 1-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:

March 17, 1975, at Cor. No. 2 of the Golden Hillside lode, in latitude $33^{\circ}29'29''$ N. and longitude $111^{\circ}30'36''$ W., elevation 2,170 ft. above sea level, and temperature 51° 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 from a reference point about 300 ft. northeastward SE. to the sun.

Mean time of observation, 105th meridian standard time	= $9^{\text{h}}07^{\text{m}}30^{\text{s}}$
Declination of sun at mean time of observation	= $1^{\circ}24'50''$ S.
Mean observed vertical angle to sun's center	= $29^{\circ}54'10''$
Mean horizontal angle from reference point to sun's center	= $35^{\circ}31'38''$
True bearing to reference point	= N. $78^{\circ}57'02''$ E.

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.

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

The magnetic declination observed at each corner of the survey gave a uniform value of $14^{\circ}30'$ E.

Mineral Survey No. 4786

Golden Hillside LODE

At Cor. No. 1 of the Golden Hillside lode, on line 3-4, M.S. No. 1568 Sunset lode.

FEET	
	<p>Set an iron post, 24 ins. long, 3/4 in. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X G.H. 1 U.S.M.S. 4786; from which</p> <p>The 1/4 cor. of secs. 36 and 31, T. 2 N., Rs. 8 and 9 E., G&SRM, bears S. 67°13'57" E., 1,961.79 ft. dist.; monumented with an iron post, 2 ins. diam., 6 ins. above ground, firmly set, with a brass cap properly mkd.</p> <p>A wood post, 4 x 4 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. 79°45'09" W.</p>
45.	Center of unimproved dirt road, bears S. 15° E. and N. 15° W.
255.36	Lode line; discovery shaft bears N. 21°08'48" W., 108 ft. dist.
342.05	Cor. No. 4, M.S. No. 1568 Sunset lode, identical with Cor. No. 3, M.S. No. 3886 BLACK KNIGHT lode.
398.05	Intersect line 1-2, M.S. No. 3886 BLACK KNIGHT lode, at a point from which Cor. No. 2 bears N. 6°40' E., 16.4 ft. dist.
408.	Center of unimproved dirt road, bears S. 42° W. and N. 42° E.
555.36	Cor. No. 2.
	<p>Set an iron post, 24 ins. long, 3/4 in. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X G.H. 2 U.S.M.S. 4786; from which</p> <p>A wood post, 4 x 4 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. 21°08'48" W.</p>
112.	Center of unimproved dirt road, bears S. 78° W. and N. 78° E.
1,499.22	Cor. No. 3.

FEET	
	<p>Set an iron post, 24 ins. long, 3/4 in. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X G.H. 3 U.S.M.S. 4786; from which</p> <p style="padding-left: 40px;">A wood post, 4 x 4 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="padding-left: 40px;">Thence N. 79°45'09" E.</p>
300.	Lode line; discovery shaft bears S. 21°08'48" E., 1,391.22 ft. dist.
380.	Center of unimproved dirt road, bears N. 10° W. and S. 10° E.
503.	Center of unimproved dirt road, bears N. 44° W. and S. 44° E.
599.5	<p>Cor. No. 4.</p> <p>On line 4-1, M.S. No. 1568 Black Hawk lode.</p> <p>Set an iron post, 24 ins. long, 3/4 in. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X G.H. 4 U.S.M.S. 4786; from which</p> <p style="padding-left: 40px;">A wood post, 4 x 4 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="padding-left: 40px;">Thence S. 19°28'54" E.</p>
1,054.64	Cor. No. 1, M.S. No. 1568 Black Hawk Lode, identical with Cor. No. 4 Fair Stake lode of the same survey.
1,491.5	Cor. No. 1, and place of beginning.
Mineral Survey No. 4786	
AREAS	
	Acres
Total area, Golden Hillside lode	19.515
Area in conflict with —	
M.S. No. 3886 Black Knight lode	0.010
LOCATION	
<p>This survey is located in the NE 1/4 and NW 1/4, sec. 36, T. 2 N., R. 8 E., G&SRM.</p>	

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FEET	
	<p>The survey of the Golden Hillside lode is identical with the amended location as marked on the ground.</p>
	<p>EXPENDITURES</p>
	<p>The improvements and the value of the labor and improvements made upon or for the benefit of the lode location embraced in said mining claim by the claimants or their grantors are as follows:</p>
No. 1	<p>The discovery shaft of the Golden Hillside lode is on the lode line 108 ft. from a point on line 1-2, 255.36 ft. from Cor. No. 1; 5 x 7 ft., 138 ft. deep, timbered, inclined 70°, bearing S. 21° E., to 40 ft. then inclined at 80°. Value, \$7,000.</p>
No. 2	<p>A pit, the SE. cor. of which bears N. 19°28' W., 78 ft. dist. from Cor. No. 1 of the Golden Hillside lode; 20 ft. wide, 6 ft. deep and running N. 68° W., 40 ft. Value, \$200.</p>
No. 3	<p>A pit, the SE. cor. of which bears N. 34°30' W., 338 ft. dist. from Cor. No. 1 of the Golden Hillside lode; 8 ft. x 8 ft. in size, 10 ft. deep. Value, \$100.</p>
No. 4	<p>A cut, the SE. cor. of which bears N. 49°30' W., 378 ft. dist. from Cor. No. 1 of the Golden Hillside lode; 4 ft. wide, 4 ft. deep, running N. 25° W., 10 ft. Value, \$50.</p>
No. 5	<p>An untimbered shaft, the SE. cor. of which bears N. 32°45' W., 995 ft. dist. from Cor. No. 1 of the Golden Hillside lode; 5 x 8 ft., 30 ft. deep. Value, \$1,500.</p>
No. 6	<p>A cut, the SE. cor. of which bears N. 36°45' W., 960 ft. dist. from Cor. No. 1 of the Golden Hillside lode; 6 ft. wide, 4 ft. deep and running N. 25° W., 10 ft. Value, \$60.</p>
No. 7	<p>A pit, the SE. cor. of which bears N. 29° W., 1,418 ft. dist. from Cor. No. 1 of the Golden Hillside lode; 10 ft. wide, 4 ft. deep and running S. 80° W., 12 ft. Value, \$100.</p>
No. 8	<p>An adit, the portal of which bears N. 58°15' W., 440 ft. dist. from Cor. No. 1 of the Golden Hillside lode; 4 ft. x 5 ft. in size and running N. 80° W., 25 ft. Value, \$500.</p>

FEET No. 9	<p>An untimbered shaft, the SE. cor. of which bears N. 23° W., 667 ft. dist. from Cor. No. 1 of the Golden Hillside lode; 4 x 6 ft., 15 ft. deep. Value, \$750.</p> <p style="text-align: center;">OTHER IMPROVEMENTS</p> <p>A frame building, the SE. cor. of which bears West, 230 ft. from Cor. No. 1 of the Golden Hillside lode; 12 x 12 ft. in size. Claimant herein.</p> <p style="text-align: center;">OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p>M.S. No. 1568 Black Hawk lode: Cor. No. 1, identical with Cor. No. 4 of the Fair Stake lode of the same survey, and Cor. No. 4 are iron posts, 2 ins. diam., 12 ins. above ground, firmly set, with caps mkd. X BH 1 FS 4 MS 1568 LS 6713 S 36 T 2 N R 8 E 1970 and X BH 4 MS 1568 LS 6713 S 36 T 2 N R 8 E 1970. Line 4-1 was found to be S. 19°28'54" E., 1,146.02 ft. instead of S. 19°30' E., 1,150 ft. as approved. Lines 1-2 and 3-4 are shown as approved.</p> <p>M.S. No. 1568 Fair Stake lode: Cor. No. 1, identical with Cor. No. 2 of the Queen Lil lode of the same survey, is an iron post, 2 ins. diam., 12 ins. above ground, firmly set, with a cap mkd. X FS 1 QL 2 MS 1568 S 36 T 2 N R 8 E LS 6713 1970. Cor. No. 4, identical with Cor. No. 1 of the Black Hawk lode, described above. Line 4-1 was found to be S. 20°25'03" E., 1,455.88 ft. instead of S. 21°34' E., 1,457.6 ft. as approved. Line 3-4 is shown as approved.</p> <p>M.S. No. 1568 Sunset lode: Cor. No. 3 is a limestone rock, 18 x 18 ins., 20 ins. above ground, firmly set and properly mkd. Cor. No. 4, identical with Cor. No. 3, M.S. No. 3886 BLACK KNIGHT lode, is an iron post, 2 ins. diam., 12 ins. above ground, firmly set, with a cap mkd. X SS 4 MS 1568 S 36 T 2 N R 8 E LS 6713 1970. Line 3-4 was found to be S. 79°45'09" W., 589.59 ft. instead of S. 78°52' W., 589.6 ft. as approved. Lines 2-3 and 4-1, common with line 3-4, M.S. No. 3886 BLACK KNIGHT lode, are shown as approved.</p> <p>M.S. No. 3886 BLACK KNIGHT lode: Cor. No. 2 is obliterated. Cor. No. 3, identical with Cor. No. 4, M.S. No. 1568 Sunset lode, described above. Lines 1-2 and 2-3 are shown as approved. Line 3-4, common with line 4-1, M.S. No. 1568 Sunset lode, described above.</p>						
	FIELD ASSISTANTS						
	<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left; width: 50%;">Name</th> <th style="text-align: left; width: 50%;">Capacity</th> </tr> </thead> <tbody> <tr> <td>Kent Miller</td> <td>Assistant Instrumentman</td> </tr> <tr> <td>Dana Smith</td> <td>Chainman-Axeman</td> </tr> </tbody> </table>	Name	Capacity	Kent Miller	Assistant Instrumentman	Dana Smith	Chainman-Axeman
Name	Capacity						
Kent Miller	Assistant Instrumentman						
Dana Smith	Chainman-Axeman						

FEET		
100	...	
200	...	
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CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Harvey W. Smith	Date 4/29/75
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I HEREBY CERTIFY That in pursuance of an order received from the Chief, Branch of Cadastral Survey, Bureau of Land Management, at Phoenix, Arizona, dated 3/14/75 and 4/28/75, I have carefully executed the survey of the claim of Frank C. Peterson and Robert J. Dierking, known as the (lode, placer, or mill site) Golden Hillside lode, situated in Superstition Mining District, Maricopa County, Sec. 36, Township 2 N., Range 8 E., Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4786, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

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

Scottsdale, Arizona (Location)	<i>Harvey W. Smith</i> (Signature of Mineral Surveyor)
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CERTIFICATE OF APPROVAL

Office Arizona State Office
Location Phoenix, Arizona
Date July 26, 1977

The foregoing field notes of mineral survey number 4786, in section 36, Range 8 E., Gila & Salt River Meridian, in the State of Arizona, surveyed unsurveyed Township 2 N., executed by Harvey W. Smith, Mineral Surveyor, under order dated 3/14/75, amended 4/28/1975, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

<i>Milton R. Workman</i> Milton R. Workman (Authorized Signature)	Acting Chief, Br. of Cadastral Survey (Title)
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CERTIFICATE OF TRANSCRIPT

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

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

