

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey Number 1  
4604

State  
Arizona

Land District  
Arizona

FIELD NOTES

Of the Survey of the Mining Claim of (Name & address of Claimant)

Glendel Mining Company, Inc.  
1219 South 19th Avenue  
Phoenix, Arizona

Known as the (Name of group, if any)

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Jaquays No. 5	10/18/57	1/15/63
Jaquays No. 6	10/21/57	1/15/63

Mining District Martinez		County Yavapai	Section 14
Township 10 N.	Range 6 W.	Meridian G. & S. R. B. & M.	Surveyed under order dated Jan. 9, 1963 May 6, 1963
Survey commenced Jan. 9, 1963	Survey completed May 15, 1963	Name of Mineral Surveyor Harvey W. Smith	

FIELD NOTES

This report is to be filed in the file of the land area to which it applies.

The following information is to be furnished:

LISTING OF LANDS OWNED AND LOCATED AS FOLLOWS:

DATE ACQUIRED	LOCATION	DATE OF ACQUISITION
1862	...	...
1862	...	...

Section	County	Name of Mineral Interest	Date Acquired	Surveyed under what date
11	...	...	...	...

## SURVEY NO. 4604

Chain  
Feet

This survey was made with a Swiss Kern theodolite, model DKMI, No. 77769, having horizontal and vertical circles, 50 mm. in diam. The circles are graduated in degrees and twenty-minute increments. An optical micrometer, adjustable to the vertical and horizontal circles, permits the reading of angles direct to 10 seconds accuracy and estimating to one second accuracy. The instrument is equipped with a colored eye-shade to be attached for making direct observations on the sun. 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 established by direct observation on the sun. At 09:50 A.M. on Jan. 18, 1963 at Cor. No. 4 of the Jaquays No. 6 lode, latitude  $34^{\circ}12'59''$  North, longitude  $112^{\circ}49'22''$  West, turning from a reference pt. about 1200 ft. southwest clockwise to the sun in a southeast direction.

True bearing of reference pt.  
S.  $43^{\circ}44'45''$  W.

The lines were measured with a Lufkin "Highway" steel tape, 300 ft. in length graduated every ft. for 299 ft. and the remaining ft. graduated to tenths and hundredths. One additional ft. at the "0" end of the tape is also graduated in tenths and hundredths. The tape was compared to a standard 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  $14^{\circ}45'$  East.

## SURVEY NO. 4604

## JAQUAYS NO. 5 LODE

At Cor. No. 1 of the Jaquays No. 5 lode, on line 3-4 of the Jaquays No. 6 lode of this survey.

Set a galvanized iron post,  $\frac{3}{4}$  in. diam., 30 ins. long, in a 25 pound concrete and rock base, 18 ins. in the ground, with a brass cap,  $2\frac{1}{2}$  ins. diam., firmly secured to the iron post, mkd. US MS 4604 J5 1 X; from which

The  $\frac{1}{4}$  Cor. of secs. 13 & 14, T. 10N., R. 6W., G. & S. R. B. & M. bears N.  $73^{\circ}51'$  E. 2573.88 ft. dist.; a boulder, 6x8 ins. in size, 8 ins. above ground, firmly set, marked and witnessed as described in the official record.

A mound of stones constructed adjacent to the iron post.

Thence S.  $43^{\circ}44'45''$  W.

127.07 Cor. No. 3 of the Jaquays No. 6 lode of this survey.

300.0 Lode line; discovery pt. bears N.  $71^{\circ}15'15''$  W., 105.0 ft.

600.0 Cor. No. 2

x Check Feet	
	<p>Set a galvanized iron post, 3/4 in. diam., 30 ins. long, in a 25 pound concrete and rock base, 18 ins. in the ground, with a brass cap, 2 1/2 ins. diam., firmly secured to the iron post, mkd. US MS4604 J6 2X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N. 71° 15' 15" W.</p>
1500.0	<p>Cor. No. 3</p> <p>This pt. falls on a large boulder marked with an "X". A witness cor. established N. 43° 44' 45" E., 1.93 ft. dist.</p> <p>Thence N. 43° 44' 45" E.</p>
1.93	<p>Pt. for witness cor. for Cor. No. 3</p> <p>Set a galvanized iron post, 3/4 in. diam., 30 ins. long, in a 25 pound concrete and rock base, 18 ins. in the ground, with a brass cap, 2 1/2 ins. diam., firmly secured to the iron post, mkd. US MS 4604 J6 3 WC X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p>
300.0	<p>Lode line; discovery pt. bears S. 71° 15' 15" E., 1395.0 ft. dist.</p>
600.0	<p>Cor. No. 4</p> <p>Set a galvanized iron post, 3/4 in. diam., 30 ins. long, in a 25 pound concrete and rock base, 18 ins. in the ground, with a brass cap, 2 1/2 ins. diam., firmly secured to the iron post, mkd. US MS 4604 J6 4 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S. 71° 15' 15" E.</p>
1500.0	<p>Cor. No. 1 and the place of beginning.</p> <p style="text-align: center;"><b>JAQUAYS NO. 6 LODE</b></p> <p>Beginning at Cor. No. 1 of the Jaquays No. 6 lode, identical with Cor. No. 1 of the Jaquays No. 7 lode and Cor. No. 4 of the Jaquays No. 14 lode, both of Sur. No. 4555.</p> <p>Fd. an iron post, 3/4 in. diam., 12 ins. above ground, firmly set, with a brass cap properly mkd. and witnessed as described in the official record to which I add marks, US MS 4604 J6 1; from which</p> <p>The 1/4 Cor. of secs. 13 &amp; 14, T. 10 N., R. 6 W., G. &amp; S. R. B. &amp; M., bears N. 74° 46' 20" E., 1410.82 ft. dist.; previously described.</p> <p>A mound of stones sets adjacent to the iron post.</p>

## SURVEY NO. 4604

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	Thence S. $43^{\circ}44'45''$ W.
1350.0	Cor. No. 2 identical with Cor. No. 4, Sur. No. 4555, Jaquays No. 7 lode.  Fd. an iron post, $3/4$ in. diam., 12 ins. above ground, with a brass cap, firmly set, properly mkd. and witnessed as described in the official record to which I add marks US MS 4604 J6 2; from which  A mound of stones sets adjacent to the iron post.
	Thence N. $26^{\circ}15'15''$ W.
300.0	Lode line; discovery pt. bears N. $43^{\circ}44'45''$ E., 700 ft. dist.
600.0	Cor. No. 3 on line 1-2 of the Jaquays No. 5 lode of this survey.  Set a galvanized iron post, $3/4$ in. diam., 30 ins. long, in a 25 pound concrete and rock base, 18 ins. in the ground, with a brass cap, $2\frac{1}{2}$ ins. diam., firmly secured to the iron post, mkd. US MS 4604 J6 3 X; from which  A mound of stones constructed adjacent to the iron post.
	Thence N. $43^{\circ}44'45''$ E.
127.07	Cor. No. 1 of the Jaquays No. 5 lode of this survey.
1350.0	Cor. No. 4  Set a galvanized iron post, $3/4$ in. diam., 30 ins. long, in a 25 pound concrete and rock base, 18 ins. in the ground, with a brass cap, $2\frac{1}{2}$ ins. diam., firmly secured to the iron post, mkd. US MS 4604 J6 4 X; from which  A mound of stones constructed adjacent to the iron post.
	Thence S. $26^{\circ}15'15''$ E.
300.0	Lode line; discovery pt. bears S. $43^{\circ}44'45''$ W., 650 ft. dist.
600.0	Cor. No. 1 and the place of beginning.

## SURVEY NO. 4604

## AREAS

	Acres
Total area, Jaquays No. 5 lode	18.726
Total area, Jaquays No. 6 lode	17.473

## LOCATION

This survey is located in the NE $\frac{1}{4}$ , SE $\frac{1}{4}$  and SW $\frac{1}{4}$ , Sec. 14, T. 10 N., R. 6 W., G. & S. R. B. & M.

The survey of the Jaquays Nos. 5 & 6 lodes is identical with the respective location or amended location as marked on the ground.

Station  
Feet

## 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 claim by the claimant or its grantors are as follows;

No. 1 The discovery cut of the Jaquays No. 5 lode is on the lode line 105 ft. from a pt. on line 1-2, 300.0 ft. from Cor. No. 1; 4 ft. wide, running N. 85° E., 6 ft. to an adit 4x5 ft. in size and running N. 85° E., 8 ft.

Value, \$125.

No. 1 The discovery pit of the Jaquays No. 6 lode is on the lode line, 650 ft. from a pt. on line 4-1, 300 ft. from Cor. No. 4; 6x6 ft. in size, 6 ft. deep.  
Value, \$125.

An interest in the Glendel adit, a common improvement described as follows:

An adit, 5x7 ft. in size, the portal of which bears N. 72°54'30" E., 2015.39 ft. from Cor. No. 1 of the Jaquays No. 6 lode, running S. 60°25' W., 2,349.37 ft. At 1059.40 ft. a cross-cut runs N. 74°42'30" W., 285.0 ft. At 1660 ft. a cross-cut runs N. 32° W., 150 ft. At 2054 ft. a cross-cut runs S. 30° E., 156 ft.

Value of drifts and cross-cuts, \$73,509.25

Value apportioned to Jaquays

Nos. 5 & 6 lodes each \$500.00

This improvement is in the course of construction for the development of Sur. No. 4555, Jaquays Nos. 7, 12 & 14 lodes and Jaquays Nos. 5 & 6 lodes of this survey which are all contiguous lode claims owned in common within the range of said adit.

The surface rises rapidly to the southwest from the portal of the tunnel and the extension in its present course, with necessary laterals, affords the most practical and economical means of developing each of the stated lodes at depth.

Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore \$500 interest in its value is hereby credited to each of the lodes of this survey.

The first 1,225.83 ft. of this adit and the cross-cut at the 1059.40 ft. station bearing N. 74°42'30" W., 285.0 ft., valued at \$45,330.00 was credited to Sur. No. 4555, Jaquays Nos. 7, 12 & 14 lodes.

Except as above stated, no portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.

## OTHER IMPROVEMENTS

An incline shaft, the portal of which bears S. 80°30' W., 205 ft. from Cor. No. 4 of the Jaquays No. 5 lode; 5x8 ft. at the collar in size, running N. 50° E.,

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~~x~~  
Feet

125 plus ft. inclined at 38°

Claimant unknown

A cut, the NW Cor. of which bears S. 37° 30' E., 695 ft. from Cor. No. 4 of the Jaquays No. 5 lode; 5 ft. wide, 3½ ft. deep and running S. 20° W., 18 ft.

Claimant unknown

An adit, the portal of which bears S. 43° 30' E., 895 ft. from Cor. No. 4 of the Jaquays No. 5 lode; 4x6 ft. in size and running S. 80° E., 35 ft.

Claimant unknown

An incline shaft, the portal of which bears S. 49° E., 805 ft. from Cor. No. 4 of Jaquays No. 5 lode; 5x5 ft. in size, and running N. 25° E., 75 plus ft. inclined at 38°.

Claimant unknown

An adit, the portal of which bears S. 53° 15' E., 1030 ft. from Cor. No. 4 of the Jaquays No. 5 lode; 4x5 ft. in size, running S. 80° E., 75 plus ft.

Claimant unknown.

A cut, the NW Cor. of which bears S. 43° 30' W., 980 ft. from Cor. No. 4 of the Jaquays No. 6 lode; 6 ft. wide, running S. 45° W., 18 ft. to a 6 ft. face.

Claimant unknown

A cut, the cave portal of an adit, the SE Cor. of which bears S. 43° 45' W., 612 ft. from Cor. No. 1 of the Jaquays No. 6 lode; 4 ft. wide, 3 ft. average depth and running N. 47° W., 15 ft.

Claimant unknown

OTHER CORNER DESCRIPTIONS  
AND SUPPLEMENTAL DATA

Sur. No. 4555 Jaquays No. 7 lode; Cors. Nos. 1 & 4 described above. Line 4-1 was found to be correct as approved.

FIELD ASSISTANTS

Name	Capacity
Richard Cleveland	Chainman-Axeman

Chains

XXXXXX  
Foot

155 pines 100' inclined at 30°

... the NW Cor. of which bears S. 70° E. 100 ft. from Cor. No. 4 of the 3 days No. 3 lobe; ...

... the NW Cor. of which bears S. 70° E. 100 ft. from Cor. No. 4 of the 3 days No. 3 lobe; ...

... the NW Cor. of which bears S. 70° E. 100 ft. from Cor. No. 4 of the 3 days No. 3 lobe; ...

... the NW Cor. of which bears S. 70° E. 100 ft. from Cor. No. 4 of the 3 days No. 3 lobe; ...

... the NW Cor. of which bears S. 70° E. 100 ft. from Cor. No. 4 of the 3 days No. 3 lobe; ...

... the NW Cor. of which bears S. 70° E. 100 ft. from Cor. No. 4 of the 3 days No. 3 lobe; ...

OTHER OWNER DESCRIPTIONS AND SUPPLEMENTAL DATA

... No. 4555 3 days No. 3 lobe; Cor. No. 1 described above. Line 4-1 was found to be correct as surveyed.

FIELD ASSISTANTS

Name	Capacity
Richard J. ...	...



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

May 23, 1963

I, Harvey W. Smith

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the \_\_\_\_\_

STATE DIRECTOR, at Phoenix, Arizona

dated January 9, 1963 & May 6, 1963, I have faithfully and correctly executed the survey of

the mining claim of Glendel Mining Company, Inc.

known as the Jaquays Nos. 5 & 6 Lodes  
(Lode, placer, or mill site)

situate in Martinez Mining District Yavapai County, Sec. 14

T. 10 N., R. 6 W., G. & S. R. B. & Meridian, Arizona, and  
(State)

designated as Survey No. 4604, which is represented in the foregoing field notes as having been executed by me and under my direction, and that said survey has been made in strict conformity with said order, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes, and I do further certify that the labor expended and improvements made

upon or for the benefit of the lode location(s) embraced in the said mining claim by  
(Lode or placer)

claimant(s) or his grantors are fully stated in my report therein, and that the character, extent, location, and itemized value thereof are specified therein with particularity and full detail, and that 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  
(Place)

Harvey W. Smith  
(Mineral Surveyor)

Harvey W. Smith

CERTIFICATE OF APPROVAL

Bureau of Land Management, State Office  
(Office)

Phoenix, Arizona July 1, 1963  
(Place) (Date)

The foregoing field notes of mineral survey No. 4604, in Martinez Mining District,

Sec. 14, T. 10 N., R. 6 W., G. & S. R. Meridian,

Arizona, executed by Harvey W. Smith, Mineral Surveyor,  
(State) January 9, 1963 &

under order dated May 6, 1963 Amd., 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.

Fred J. Weiler  
(Signature)

Fred J. Weiler

State Director

(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. \_\_\_\_\_ is a true copy of the original field notes.

\_\_\_\_\_  
(Title)

