

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number	4794
State	Arizona
Land District	Arizona

Of the Survey of the Mining Claim of *(name and address of Claimant)*
 Jaquays Mining Corporation
 1219 S. 19th Ave.
 Phoenix, Arizona 85009

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
J-45	12/23/63	8/6 /77
J-47	12/23/63	7/14/77
J-55	12/27/63	

Mining district McMillan			County Gila		
Section 3&4	Uns. sec. 33 & 34	Township 4 N. 4½ N.	Range 17 E. 17 E.	Meridian Gila & Salt River	Survey under order dated August 17, 1977
Survey commenced Sept. 18, 1977		Survey completed Sept. 30, 1977		Name of Mineral Surveyor Travis L. Gant	

FEET

This survey was made with a Kern theodolite, Model DKM-2AE Ser. No. 145997, having automatic vertical indexing and microscopic angle reading capabilities enabling the instrument man to read angles, either horizontal or vertical, to 1 sec. of arc. This instrument was used in conjunction with electronic distance-measuring equipment, i.e., a Hewlett-Packard Model 3800 Distance Meter, Ser. No. 0987 A 00472, having a range of 10,000 feet and an absolute accuracy of 0.01 feet plus the distance measured divided by 100,000 when operated in normal temperature ranges. Also available for use by the instrument man was a W. & L. E. Gurley transit, Ser. No. 57289, equipped with horizontal limb $6\frac{1}{2}$ ins. diam., having two double opposite verniers, and a full vertical circle 5 ins. diam., having one double vernier; the horizontal verniers read to 30 secs. of arc; the vertical vernier reads to one minute of arc. This instrument was used for short-distance taping and alignment procedures and for topographic detail where great distances were not involved.

All bearings in this record were determined by the method of deflection angles referred to the meridian determined by the following solar observation:

September 22, 1977, at Cor. No. 2 of the J-47 lode in latitude $33^{\circ} 43' 31''$ N., and longitude $110^{\circ} 34' 12''$ W., as determined by scaling from U.S.G.S. quadrangle CHRYSOTILE, dated 1966, I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the theodolite telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from a reference point approximately 1200 feet northwesterly clockwise to the sun.

Mean time of observation, 105th
meridian, standard time = 9:19 a.m.

Declination of sun at mean
time of observation = $0^{\circ} 11' 00''$ N.

Mean observed vertical angle
to sun's center, corrected
for refraction and parallax = $36^{\circ} 29' 35''$

Mean horizontal angle from
reference point to sun's center,
turned clockwise and to the
right to sun's center = $143^{\circ} 45' 04''$

True bearing to
reference point = N. $24^{\circ} 28' 22''$ W.

FEET

The lines were measured with either a Lufkin steel tape or with the aforementioned electronic distance meter. The tape was 500 feet in length, graduated every foot for 500 feet, with an added foot on the zero end graduated in tenths and hundredths; the tape was compared with a standard 100.00 foot tape at the time of the beginning of the survey and was found to be correct. The distance meter was compared with a taped course, 1200.00 feet in length, measured as a base-line with a standard 100.00 foot tape, and found to be precise and accurate.

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° E.

Note concerning monumentation: Certain corners of this survey are identical with existing corners of M.S. No. 4740; identification of these was made by scribing additional information on the existing brass cap monuments of that survey. All new corner monumentation consists of galvanized iron posts, 1 ins. exterior diam., set into the ground in a concrete foundation. A brass cap having a disc surface 2 ins. diam. and a stem 2½ ins. long was securely cemented into the top of each pipe and mkd. as described herein. Steel dies 1/8-inch size were used for lettering and numbering. Alongside each of these corner monuments I caused to have erected a rock mound, minimum base diam. 30 ins. and minimum height two feet.

 Mineral Survey No. 4794

J-45 Lode

At Cor. No. 1 of the J-45 lode.

Set an iron post, 2 ft. long, 1 ins. diam., 14 ins. into the ground with brass cap mkd. J-45-1-4794; from which

The U.S. General Land Office monument marking the 17-mile post on the west boundary of the White Mountain Indian Reservation, (now the San Carlos Indian Reservation) bears N. 82° 43' 24" E., 11,348.45 ft. dist.; a 4-ins. diam. brass capped iron post, mkd. as described in the Official Record, to wit: 17M-PL-AP-WMIR.

FEET		
	<p>U.S.L.M. No. 3521 bears N. 27° 12' 29" E., 2206.77 ft. dist.; an iron post 2 ins. diam., 18 ins. above ground, with iron cap mkd. as discribed in the official record of M.S. No. 3521.</p> <p>Thence N. 24° 28' 22" W.</p>	
300.	Lode line; discovery point bears S. 65° 17' W., 1493.78 ft. dist.	
370.	Center of Ash Creek, 12 ft. wide, course N. 30° E.	
600.00	<p>Cor. No. 2, identical with Cor. No. 1 of the J-47 lode of this survey.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 16 ins. into the ground, with brass cap mkd. J-45-2-4794 and J-47-1-4794; from which</p> <p>Cor. No. 3, M.S. No. 3521 Asbestin No. 26 lode, bears S. 70° 27' E., 2.44 ft. dist.</p> <p>Thence S. 65° 15' 51" W.</p>	
1,498.77	<p>Cor. No. 3, identical with Cor. No. 1, M.S. No. 4740A J-46 lode and Cor. No. 2 of the J-47 lode of this survey.</p> <p>To the top surface of the existing 2 ins. diam. brass cap fixed atop a 1 ins. diam. iron post, mkd. as described in the official record of M.S. No. 4740A, I add the following in the proper quadrants of the cap: J-45-3-4794 and J-47-2-4794.</p> <p>Thence S. 24° 28' 22" E.</p>	
95.	Center of road, 12 ft. wide, bears N. 32° E. and S. 32° W.	
224.	Center of road, 12 ft. wide, bears East and West.	
299.50	Lode line; discovery point bears N. 65° 17' E., 5.00 ft. dist.	
328.	Center of Ash Creek, 12 ft. wide, course N. 50° E.	
599.09	<p>Cor. No. 4.</p> <p>Set an iron post, 2 ft. long, 1 ins. diam., 13 ins. into the ground, with brass cap mkd. J-45-4-4794.</p>	

FEET	
	Thence N. 65° 17' 56" E.
670.	Center of road, 12 ft. wide, bears N. 40° W. and S. 45° E.
1,236.00	Center of local drainage, 4 ft. wide, course N. 55° W.
1,498.77	Cor. No. 1, and place of beginning.
	J-47 Lode
	Beginning at Cor. No. 1 of the J-47 lode, identical with Cor. No. 2 of the J-45 lode of this survey; from which
	The 17-Mile post on the west boundary of the San Carlos Indian Reservation bears N. 85° 34' 13" E., 11,540.08 ft. dist., heretofore described.
	U.S.L.M. No. 3521 bears N. 41° 35' 53" E., 1894.17 ft. dist., heretofore described.
	Thence S. 65° 15' 51" W.
1,498.77	Cor. No. 2, identical with Cor. No. 3 of the J-45 lode of this survey, and Cor. No. 1, M.S. No. 4740A J-46 lode.
	Thence N. 24° 28' 22" W.
295.00	Lode line; discovery point bears N. 65° 04' 24" E., 60 ft. dist.
590.00	Cor. No. 3, identical with Cors. Nos. 2, M.S. No. 4740A J-46 and J-51 lodes, and with Cor. No. 4 of the J-55 lode of this survey.
	To the surface of the 2 ins. diam. brass cap monument described in the official record of M.S. No. 4740A, I add the following in the proper quadrants of the cap: J-47-3-4794 and J-55-4-4794.
	Thence N. 64° 52' 55" E.
1,498.85	Cor. No. 4, identical with Cor. No. 1 of the J-55 lode of this survey.
	Set an iron post, 2 ft. long, 17 ins. in the ground, with brass cap mkd. J-47-4-4794 and J-55-1-4794.
	Thence S. 24° 28' 22" E.

FEET	
300.00	Lode line; discovery point bears S. 65° 04' 24" W., 1438.80 ft. dist.
600.00	Cor. No. 1, and place of beginning.
J-55 Lode	
Beginning at Cor. No. 1 of the J-55 lode, identical with Cor. No. 4 of the J-47 lode of this survey; from which	
The 17-Mile post on the west boundary of the San Carlos Indian Reservation bears N. 88° 19' 04" E., 11,759.23 ft. dist., heretofore described.	
U.S.L.M. No. 3521 bears N. 59° 58' 31" E., 1739.53 ft. dist., heretofore described.	
Thence N. 24° 28' 22" W.	
300.00	Lode line; discovery point bears S. 64° 41' 26" W., 978.89 ft. dist.
600.00	Cor. No. 2, identical with Cor. No. 1, M.S. No. 4740A J-56 lode.
To the surface of the 2 ins. diam. brass cap monument described in the official record of M.S. No. 4740A, I add the following in the southwesterly quadrant of the cap; J-55-2-4794; from which	
U.S.L.M. No. 3521 bears N. 79° 31' 40" E., 1784.37 ft. dist., heretofore described.	
Cor. No. 2, M.S. No. 3521 Asbestin No. 25 lode, identical with Cor. No. 4, M.S. No. 3521 Asbestin No. 26 lode, on line 4-1 M.S. No. 4740A J-56 lode, bears N. 24° 28' 22" W., 299.39 ft. dist.	
Thence S. 64° 30' W.	
1,499.00	Cor. No. 3, identical with Cors. Nos. 1, M.S. No. 4740A J-51 and J-52 lodes, and Cor. No. 2, M.S. No. 4740A J-56 lode.
To the surface of the 2 ins. diam. brass cap monument described in the official record of M.S. No. 4740A, I add the following in the southeasterly quadrant of the cap: J-55-3-4794	
Thence S. 24° 28' 22" E.	

FEET	
295.00	Lode line: discovery point bears N. 64° 41' 26" E., 520 ft. dist.
590.00	Cor. No. 4, identical with Cor. No. 3 of the J-47 lode of this survey, and Cors. Nos. 2, M.S. No. 4740A J-46 and J-51 lodes. Thence N. 64° 52' 55" E.
1,498.85	Cor. No. 1, and place of beginning.
Mineral Survey No. 4794	
AREAS	
	Acres
Total area, J-45 lode	20.628
Total area, J-47 lode	20.472
Total area, J-55 lode	20.472
LOCATION	
<p>This survey is located in Unsurveyed Sections 3 and 4, T. 4 N. R. 17 E., and in Unsurveyed Sections 33 and 34, T. 4½ N., R. 17 E., of the Gila and Salt River Meridian, McMillan Mining District, Gila County, Arizona.</p> <p>The survey of the J-45, J-47, and J-55 lodes is identical with the respective locations as marked on the ground.</p>	
EXPENDITURES	
No. 1	<p>The discovery point of the J-45 lode is on the lode line, 5 ft. from a point on line 3-4, 299.50 ft. from Cor. No. 3.</p> <p style="text-align: center;">Value, none.</p>
No. 1	<p>The discovery point of the J-47 lode is on the lode line, 60 ft. from a point on line 2-3, 295.00 ft. from Cor. No. 2.</p> <p style="text-align: center;">Value, none.</p>
No. 1	<p>The discovery point of the J-55 lode is on the lode line, 520 ft. from a point on line 3-4, 295.00 ft. from Cor. No. 3.</p> <p style="text-align: center;">Value, none.</p> <p>An interest in a common improvement described as follows:</p> <p>A network of underground passes, drifts, stopes</p>

FEET

and tunnels underlies portions of the J-45, J-47, and J-55 lodes, eventually to be connected to the older workings underlying M.S. No. 4740A J-56 and J-57 lodes. The major drifts and tunnel exist as shown on the plat; the primary adit bears N. 75° 30' E., 104 ft. from Cor. No. 3 of the J-45 lode.

Value of underground workings, \$21,276.

Value of one-third interest, \$7,092.

This improvement is in course of construction for the development of the J-45, J-47, and J-55 lodes of this survey, all of which are contiguous lode claims owned in common within the range of benefit of the above-mentioned workings. Since the expenditure shown above has been executed in such a manner as tends to the development of each lode cited subsequent to its location and to the time since which common ownership and contiguity have prevailed, an undivided one-third interest is therefore credited to each of said lodes.

An access road having an average width of 12 ft. has been constructed across the southwest-erly portion of the J-45 lode in order to reach the aforementioned tunnel adit with heavy equipment.

Value of access road, \$4500.

Value of one-third interest, \$1500.

This improvement is for the development of the combined three lodes of this survey and was made subsequent to the location of each lode and to the time since which common ownership and contiguity have prevailed; therefore an undivided one-third interest in its value is hereby credited to each of said lodes of the common group.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

M.S. No. 3521 Asbestin No. 25 lode: Cor. No. 2 is an iron post with a brass cap 3½ ins. diam., firmly set and properly marked.

M.S. No. 3521 Asbestin No. 26 lode: Cor. No. 3 is an iron post with brass cap 3½ ins. diam., firmly set and properly marked; Cor. No. 4 is identical with Cor. No. 2, M.S. No. 3521 Asbestin No. 25 lode, described above. Line 3-4 was found to be N. 24° 32' 24" W., 1501.08 ft., instead of N. 24° 31' W., 1499.5 ft., as approved. The bearing of line 2-3 is shown as approved.

FEET

M.S. No. 4740A J-46, J-51, J-52, and J-56 lodes: All corners pertinent to Mineral Survey No. 4740A were found, firmly set and properly marked, having been set by this mineral surveyor in the year 1973. Since no discrepancies are known to exist between M.S. No. 4740A and subject mineral survey, all lines are correct as approved.

FIELD ASSISTANTS

<u>Name</u>	<u>Capacity</u>
Evert D. Bunger	Instrument Man
Marvin H. Davis	Assistant
Clinton W. Hodges	Assistant

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Travis L. Gant	Date June 10, 1978
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I HEREBY CERTIFY That in pursuance of an order received from the Dept. of Interior, Bureau of Land Management, at Phoenix, Arizona, dated August 17, 1977, I have carefully executed the survey of the claim of Jaquays Mining Corporation, 1219 S. 19th Ave., Phoenix, Arizona 85009, known as the (lode, placer, or mill site) J-45, J-47, and J-55 lodes, situated in Uns. Sections 3 & 4, Uns. Sections 33 & 34, Township 4 N.4½N, Range 17 E., 17 E., Gila & Salt River Meridian, in the State of Arizona.

This survey, designated as number 4794, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) lode location(s) embraced in the said mining claim by claimant(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.

Globe, Arizona

(Location)

Travis L. Gant

(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

Office Arizona State Office
Location Phoenix, Arizona
Date June 1, 1979

The foregoing field notes of mineral survey number 4794, in Uns. Secs. 3 & 4 & Uns. Secs. 33 & 34, Range 17 E., Gila & Salt River Meridian, in the State of Arizona, executed by Travis L. Gant, under order dated August 17, 1977, 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 P. Kelley
(Authorized Signature)
James P. Kelley

Actg. Chief, Br. of Cadastral Survey
(Title)

CERTIFICATE OF TRANSCRIPT

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

(Authorized Signature)

(Title)

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

