

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4399.....

..... Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Cipriano S. Ortiz

Known As The

Margarita lode

Amole Mining District,

Pima County, Arizona

Section 7 Township 15 South Range 13 East

Surveyed under instructions dated August 24, 19 55

by T. N. Stevens
Mineral Surveyor.

Claim located January 28, 19 42

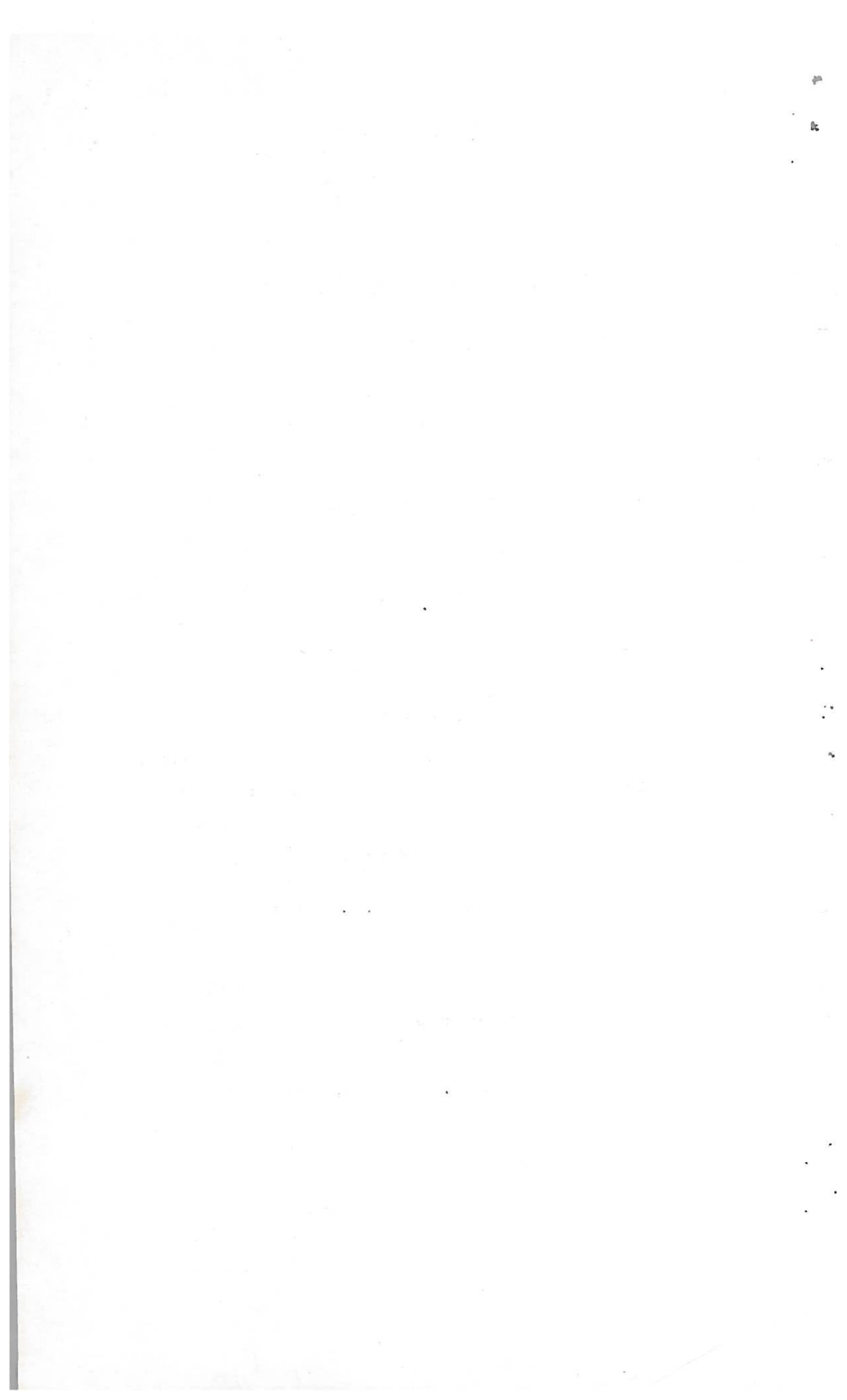
Survey commenced September 26, 19 55

Survey completed September 28, 19 55

Address of claimant 135 W. 23rd Street, Tucson, Arizona

DATES OF AMENDED LOCATIONS

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This survey was made with a C.L. Berger & Son transit with horizontal limb $6\frac{1}{4}$ ins. diam., with vertical circle 5 ins. diam., each having two opposite verniers; the verniers read to one minute of arc. 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 deflection angles referred to the meridian determined by the following observation.

September 27, 1955 at corner No. 1 of the Margarita lode, in latitude $32^{\circ} 08' 25''$ N., and longitude $111^{\circ} 02' 52''$ W., I made a series of altitude observations upon the sun for azimuth at approximately equal time intervals. Three each with the telescope in direct and reversed positions, bisecting the sun and reading the horizontal angle from Cor. No. 2, counter-clockwise to the sun.

Mean time of observation 105th meridian standard time	$9^h 55^m 20^s$ A.M.
Declination of sun at mean time of observation	$1^{\circ} 30' 32''$
Mean observed vertical angle to sun's center	$42^{\circ} 54' 17''$
Mean horizontal angle from reference point	$55^{\circ} 30'$
True bearing of reference point	S. $4^{\circ} 17'$ W.

The lines were measured with a Keuffel & Esser steel tape 300 ft. in length, the first foot graduated to tenths and hundredths; and a 100 ft. Lufkin steel tape, graduated to feet, tenths and hundredths; both tapes were compared with a standard and were correct at the time of the survey.

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 $13^{\circ} 30'$ E.

Feet

MARGARITA LODE

At Cor. No. 1 of the Margarita lode, identical with Cor. No. 1 of segregation survey of the Margarita lode.

Set an iron post, $3\frac{1}{2}$ ft. long, 2 ins. diam., 18 ins. in the ground with leaden cap mkd. I M - 4399, alongside an iron post, 1 in. diameter, with brass cap mkd. AP 1-M as described in the official record; from which

The $\frac{1}{4}$ sec. cor. of Secs. 7 and 8, T. 15 S., R. 13 E., bears N. $79^{\circ} 14' 50''$ E., 733.58 ft. dist.; an iron post, 1 in. diam., firmly set and with brass cap marked as described in the official record.

Thence S. $4^{\circ} 17'$ W.

- 130.0 Road bears northeasterly and southwesterly.
- 300.0 Lode line; discovery point bears N. $85^{\circ} 45'$ W., 685.0 ft. dist.
- Set a 2 in. open pipe, 4 ft. long, firmly in the ground and surrounded by a mound of stone, mkd. E.E. Ctr. M.
- 334.0 Wash, 6 ft. wide, course NE. from S.
- 400.0 Same wash, course N. from SW.
- 490.0 Road bears easterly and westerly.

Feet	
600.00	Cor. No. 2, identical with Cor. No. 2 of the segregation survey.
	Set an iron post, 3½ ft. long, 2 ins. diam., 18 ins. in the ground, with leaden cap, mkd. 2 M - 4399, alongside an iron post, 1 in. diam. with brass cap mkd. AP-2 as described in the official record.
	No bearing objects are available.
	Thence N. 85° 45' W.
561.93	Intersect the E. 1/16 sec. line.
584.0	Corral fence bears north and south.
623.0	Corral fence bears NNE. and SSW.
1442.17	Cor. No. 3 of segregation survey.
	Set an iron post, 3½ ft. long, 2 ins. diam., 18 ins. in the ground, with leaden cap mkd. 3 M-4399, alongside an iron post with brass cap mkd. A P 3, as described in the official record.
	No bearing objects are available.
	Thence N. 4° 17' E.
300.0	Lode line; discovery point bears S. 85° 45' E., 757.17 ft. dist.
	Set a 2 in. open pipe, 4 ft. long, firmly in the ground and surrounded by a mound of stone, mkd. W.E. Ctr. M.
580.0	Road bears southeasterly and northwesterly.
600.0	Cor. No. 4, identical with Cor. No. 4 of the segregation survey.
	Set an iron post, 3½ ft. long, 2 ins. diam., 18 ins. in the ground, with leaden cap mkd. 4 M-4399, alongside an iron post with brass cap mkd. M-AP-4, as described in the official record.
	No bearing objects are available.
	Thence S. 85° 45' E.
165.0	Road bears northerly and southerly.
844.01	Intersect the E. 1/16 sec. line of Sec. 7, at a point 92.89 ft. S. 0° 44' W., of the center E 1/16 sec. cor.
1065.0	Road bears southwesterly and northeasterly.
1442.17	Cor. No. 1 and place of beginning.

AREA

Acres

Total area Margarita lode 19.864

LOCATION

This survey is located in the SE¼ of Sec. 7, T. 15 S., R. 13 E., G. & S.R.M.

This survey is identical with the location as marked on the ground.

EXPENDITURES

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 claimant or his grantors are as follows:

- No. 1 The discovery point of the Margarita lode is on the lode line 685 ft. from the center of line 1-2, a mound of stone on outcrop.
No value.
- No. 2 A shaft, the center of which bears N. 61° 09' W., 725 ft. from Cor. No. 2, Margarita lode, 5 x 6 ft., 6 ft. deep.
Value \$100.
- No. 3 A shaft, the center of which bears N. 61° 10' W., 740 ft. from Cor. No. 2 Margarita lode, 5 x 6 ft., 6 ft. deep.
Value \$100.
- No. 4 A trench, the south end of which bears N. 58° 04' W., 720 ft. from Cor. No. 2 Margarita lode, 5 ft. wide x 4 ft. deep, running N. 30° W., 12 ft. to N. end.
Value \$100.
- No. 5 A shaft, the center of which bears N. 68° 51' E., 729 ft. from Cor. No. 3 Margarita lode, 10 x 10 ft., 8 ft. deep.
Value \$400.
- No. 6 A shaft, the center of which bears N. 68° 01' E., 705 ft. from Cor. No. 3 Margarita lode, 5 x 6 ft., 7 ft. deep.
Value \$100.
- No. 7 A shaft, the center of which bears S. 33° 25' E., 310 ft. from Cor. No. 4 Margarita lode, 6 x 8 ft., 70 ft. deep, to water.
Value \$2800.
- No. 8 A shaft, the center of which bears N. 52° 44' W., 490 ft. from Cor. No. 2 Margarita lode, 6 x 6 ft., 8 ft. deep.
Value \$150.
- No. 9 A trench, the west end of which bears N. 86° 56' E., 630 ft. from Cor. No. 3 Margarita lode, 5 ft. wide by 2 ft. deep, running east 27 ft. to east end.
Value \$100.
- No. 10 A trench, the west end of which bears S. 86° 24' E., 620 ft. from Cor. No. 3 Margarita lode, 5 ft. wide, 2 ft. deep, running S. 85° E., 15 ft. to east end.
Value \$50.
- No. 11 A trench, the south end of which bears S. 86° 54' E., 605 ft. from Cor. No. 3 Margarita lode, 5 ft. wide, 3 ft. deep, running N. 30° W., 20 ft. to north end.
Value \$75.
- No. 12 A trench, the west end of which bears S. 86° 39' E., 565 ft. from Cor. No. 3 Margarita lode, 5 ft. wide, 3 ft. deep, running east 12 ft. to east end.
Value \$50.
- No. 13 A shaft, timbered, the center of which bears N. 75° E., 715 ft. from Cor. No. 3 Margarita lode, 4 x 6 ft., 70 ft. deep, adjoining the shaft on the east and south is a glory hole, 15 ft. wide by 40 ft. deep, running S. 22° E., 30 ft. to face.

of shaft
At the north side of collar is a trench 5 ft. wide by 6 ft. deep, running N. 40° W., 30 ft. to the beginning of a trench made by claimant herein, 5 ft. wide, 6 ft. deep, running S. 40° W., 40 ft. to end of work.

Value of work made by claimant herein \$400.

OTHER IMPROVEMENTS

A shaft, the center of which bears N. 59° 44' W., 775 ft. from Cor. No. 2 Margarita lode, 5 x 6 ft., 6 ft. deep.

A shaft, the center of which bears N. 61° 34' W., 820 ft. from Cor. No. 2 Margarita lode, 5 x 4 ft., 5 ft. deep.

A cut, the mouth of which bears N. 61° 45' W., 829 ft. from Cor. No. 2 Margarita lode, 5 ft. wide, 5 ft. face, running N. 30° W., 30 ft. to face.

A cut, the mouth of which bears S. 74° 15' E., 380 ft. from Cor. No. 4 Margarita lode, 7 ft. wide, 3 ft. face, running S. 75° E., 15 ft. to face, at face is a shaft 6 x 8 ft. in size, 10 ft. deep.

A shaft, the center of which bears S. 73° 25' E., 370 ft. from Cor. No. 4 Margarita lode, 6 x 6 ft., 7 ft. deep.

A shaft, the center of which bears S. 28° 15' E., 330 ft. from Cor. No. 4 Margarita lode, 4 x 5 ft., 4 ft. deep.

A shaft, the center of which bears N. 69° 46' E., 668 ft. from Cor. No. 3 Margarita lode, 4 x 6 ft., 4 ft. deep.

A shaft, the center of which bears N. 76° 16' E., 770 ft. from Cor. No. 3 Margarita lode, 6 x 6 ft., 4 1/2 ft. deep.

A shaft, the center of which bears N. 62° 34' W., 670 ft. from Cor. No. 2 Margarita lode, 4 x 6 ft., 5 ft. deep.

A shaft, the center of which bears N. 81° 31' E., 770 ft. from Cor. No. 3 Margarita lode, 8 x 15 ft., 60 ft. deep.

A shaft, the center of which bears N. 89° 26' E., 110 ft. from Cor. No. 3 Margarita lode, 6 x 6 ft., 6 ft. deep.

A frame house, the NW corner of which bears N. 89° 26' E., 780 ft. from Cor. No. 3 Margarita lode, 25 x 30 ft., course of long sides S. 30° E.

A frame barn, the NW corner of which bears S. 89° E., 805 ft., from Cor. No. 3 Margarita lode, 20 x 25 ft., course of long sides S. 35° E.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

None

ADJOINING CLAIMS

There are no adjoining or conflicting claims known.

Survey No. 4399

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FIELD ASSISTANTS

Name	Capacity
E. H. Jenkins	Transitman
James J. Walden	Chainman

Survey No. 1339

FIELD ASSISTANTS

Capacity

Name

Trainman
Chairman

R. H. Jenkins
James J. Walker

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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CERTIFICATE OF SURVEYOR

November 26, 1955

I, T.N. Stevens,
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the _____
Office Cadastral Engineer, at Phoenix, Arizona
 dated August 24, 1955, I have faithfully and correctly executed the survey of
 the mining claim of Cipriano S. Ortiz,
 known as the Margarita lode
(Lode, placer, or mill site)
 situate in S.E. 1/4 Sec. 7
 T. 15 S., R. 13 E., G. & S. R. Meridian, Arizona, and
(State)
 designated as Survey No. 4399, 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.

Tucson, Arizona
(Place)

T.N. Stevens
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Survey Office
(Office)

Phoenix, Arizona January 17, 1956
(Place) (Date)

The foregoing field notes of mineral survey No. 4399, in
Section 7, T. 15 South, R. 13 East, Gila and Salt River Meridian,
Arizona, executed by T. N. Stevens, Mineral Surveyor,
(State)
 under order dated August 24, 1955, 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.

Everett H. Kimmell
(Signature)

Office Cadastral Engineer
(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.

CERTIFICATE OF SURVEYOR

I, the undersigned, being duly sworn, depose and testify that in pursuance of an order directed from the
 Office of the Surveyor, at _____
 dated _____ I have faithfully and correctly executed the survey in
 the following chain of _____
 that in the _____
 state of _____
 T. _____
 described as _____
 located in the _____
 of the _____
 and that the character
 of the _____
 and that the character
 of the _____

CERTIFICATE OF APPROVAL

The foregoing full notes of a survey made by _____
 dated _____
 in _____
 State of _____
 and the accuracy
 of the same are hereby certified to be correct and true and every error therein
 corrected to the best of my ability and the same are hereby approved.

CERTIFICATE OF BANKING

I certify that the following is a true and correct copy of the original survey notes
 and that the same are hereby approved.