Form 4–683
(April 1959)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

Mineral Survey Number 1
4588

State
ARIZONA

Land District
ARIZONA

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

ARIZONA MANGANESE CORPORATION , An Arizona Corporation
by HENDERSON STOCKTON, Attorney in Fact,
507 Security Bldg, Phoenix Arizona.

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

| NAME OF LOCATION | DATE LOCATED | DATE AMENDED |
|---|---|---|
| PROTECTION NO.2 | 6/12/1942 | 11/1/1961 |
| PROTECTION NO.3 | 6/12/1942 | 11/1/1961 |
| PROTECTION No. 4 | 6/12/1942 | 11/1/1961 |

| Mining District | County | Section |
|---|---|---|
| OWENS | MOHAVE | 12 13 |

| Township | Range | Meridian | Surveyed under order dated |
|---|---|---|---|
| T.11 N. | R.13 W. | G & S.R. Meridian | November 8, 1961 |

| Survey commenced | Survey completed | Name of Mineral Surveyor |
|---|---|---|
| 11/10/1961 | 11/20/1961 | J.WILLIAM WAARA |

GPO 873016

Feet

This survey was made with a Lietz Light Mountain transit No. 9503 with horizontal limb five inches in diameter, having two double opposite verniers reading to thirty seconds of arc; and full vertical circle five inches in diameter, having double opposite verniers reading to one minute of arc; the eyepiece is equipped to receive a prismatic eyepiece with colored shade for direct observation upon 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 deflection angles referred to the meridian established by direct observation on the sun.

Nov. 12, 1961, at cor. No. 4 of the Protection No. 3 lode, Latitude 34° 18' 12" N. and longitude 113° 34' 20" W., a direct observation was made on the sun, turning from a reference point northwest, clockwise to the sun in the southeast.

True bearing of the reference point: S. 89° 55' E.

The lines were measured with a steel tape, 500 feet long, 1/8 inch wide, graduated every foot. This tape was compared with a standard 100 foot steel tape at the time of beginning the survey, and found 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° 30' E.

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PROTECTION NO. 2 LODE

At Cor. No. 1 of the Protection No. 2 lode, on line 4-1 Sur. No. 4400 Protection No. 5 lode.

Set an iron pipe, 36 ins. long, ½ inch diam., 18 ins. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange and copper plate bolted thereon, mkd. PRO 2 1 4588; from which

The cor. of secs. 11, 12, 13 and 14, T. 11 N., R. 13 W., G. & S.R.M., Arizona, bears N. 86° 19' W., 1011.80 ft. dist.

No other bearing available.

Thence N. 0° 06' E.

65.69 Intersect the line bet. secs. 12 and 13, at a point from which the cor. of secs. 11, 12, 13 and 14 bears S. 89° 58' W., 1009.82 ft. dist.

1500.00 Cor. No. 2, on line 2-3 of the Protection No. 5 lode and line 3-4 of the Price No. 10 lode both of Sur. No. 4400.

Set an iron pipe, 36 ins. long, ½ inch diam., 18 ins. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with copper plate bolted thereon, mkd. PRO 2 2 4588.

No bearings available.

| | |
|---|---|
| | Thence S. 89° 55' E. |
| 184.90 | Cor. No. 3 of the Protection No. 5 lode identical with Cor. No. 3 of the Protection No. 6 lode both of Sur. No. 4400. |
| 300.00 | Lode line, built a substantial mound of stone; discovery shaft bears S. 0° 05' W., 460.00 ft. dist. |
| 469.90 | Cor. No. 3 of the Protection No. 4 lode identical with Cor. No. 3 of the Price No. 10 lode identical with Cor. No. 2 of the Price No. 16 lode all of Sur. No. 4400. |
| 472. | Water course, course SE. |
| 483.70 | Cor. No. 3 of the Protection No. 3 lode of this survey identical with the lode line monument Sur. No. 4400 Protection No. 6 lode. |
| 599.50 | Cor. No. 3, on line 3-4 of the Protection No. 4 lode and line 1-2 of the Price No. 16 lode both of Sur. No. 4400, and on line 3-4 of the Protection No. 3 lode of this survey. |
| | Set an iron pipe, 36 ins. long, ½ inch diam., 18 ins. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with a copper plate bolted thereon, mkd. PRO 2 3 4588. |
| | No bearings available. |
| | Thence S. 0° 05' W. |
| 120. | Water course, course SE. |
| 600.00 | Intersect line 1-2 Sur. No. 4400 Protection No. 4 lode at a point from which Cor. No. 2 bears N. 89° 55' W., 129.6 ft. dist. |
| 1433.09 | Intersect the line bet. secs. 12 and 13 at a point from which the cor. of secs. 11, 12, 13 and 14 bears S. 89° 58' W., 1609.81 ft. dist. |
| 1500.00 | Cor. No. 4, on line 1-2 of the Protection No. 3 lode of this survey and line 1-2 Sur. No. 4400 Protection No. 6 lode. |
| | Set an iron pipe, 36 ins. long, ½ inch diam., 18 ins. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with a copper plate bolted thereon, mkd. PRO 2 4 4588. |
| | No bearings available. |
| | Thence N. 89° 55' W. |
| 115.80 | Cor. No. 2 of the Protection No. 3 lode of this survey. |
| 300.00 | Lode line, built a substantial mound of stone; discovery shaft bears N. 0° 05' E., 1040.00 ft. dist. |
| 414.60 | Cor. No. 4 of the Protection No. 5 lode identical with Cor. No. 2 of the Protection No. 6 lode both of Sur. No. 4400. |

| Feet | |
|---|---|
| 600.00 | Cor. No. 1 and place of beginning. |

PROTECTION NO. 3 LODE

At Cor. No. 1 of the Protection No. 3 lode.

Set an iron pipe, 36 ins. long, ½ inch diam., 18 ins. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with copper plate bolted thereon, mkd. PRO 3 1 4588; from which

The south ¼ cor. of sec. 12 bears N. 82° 50' E., 545.80 ft. dist.

No other bearings available.

Thence N. 89° 55' W.

| | |
|---|---|
| 300.00 | Lode line, built a substantial mound of stone; discovery shaft bears N. 0° 05' E., 1346.00 ft. dist. |
| 300.00 | Cor. No. 1 Sur. No. 4400 Protection No. 6 lode. |
| 484.20 | Cor. No. 4 of the Protection No. 2 lode of this survey, and on line 1-2 Sur. No. 4400 Protection No. 6 lode. |
| 600.00 | Cor. No. 2, on line 1-2 Sur. No. 4400 Protection No. 6 lode, and on line 4-1 of the Protection No. 2 lode of this survey. Set an iron pipe, 36 ins. long, ½ inch diam., 18 ins. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with a copper plate bolted thereon, mkd. PRO 3 2 4588. |

No bearings available.

Thence N. 0° 05' E.

| | |
|---|---|
| 66.67 | Intersect the line bet. secs. 12 and 13 at a point from which the ¼ cor. of secs. 12 and 13 bears N. 89° 58' E., 1141.44 ft. dist. |
| 900.00 | Intersect line 1-2 Sur. No. 4400 Protection No. 4 lode at a point from which Cor. No. 2 bears N. 89° 55' W., 13.80 ft. dist. |
| 1490. | Water course, course SE. |
| 1500.00 | Cor. No. 3, on line 1-2 of the Protection No. 16 lode, line 3-4 of the Protection No. 6 lode and line 3-4 of the Protection No. 4 lode all of Sur. No. 4400, and on line 2-3 of the Protection No. 2 lode of this survey. |

Set an iron pipe, 36 ins. long, ½ inch diam., 18 ins. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with a copper plate bolted thereon, mkd. PRO 3 3 4588.

No bearings available.

Thence S. 89° 55' E.

| ~~Chains~~ Feet | |
|---|---|
| 115.80 | Cor. No. 3 of the Protection No. 2 lode of this survey. |
| 300.00 | Lode line, built a substantial mound of stone; discovery shaft bears S. 0° 05' W., 154.00 ft. dist. |
| 300.00 | Cor. No. 4 Sur. No. 4400 Protection No. 6 lode. |
| 506. | Road, bears NW. and SE. |
| 600.00 | Cor. No. 4, identical with Cor. No. 2 of the Protection No. 4 lode of this survey and on line 1-2 of the Price No. 16 lode and line 3-4 of the Protection No. 4 lode both of Sur. No. 4400. |
| | Set an iron pipe, 36 ins. long, ½ inch diam., 18 ins. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with a copper plate bolted thereon, mkd. PRO 3 4 PRO 4 2 4588. |
| | No bearing available. |
| | Thence S. 0° 05' W. |
| 100.00 | Road, bears NW. and SE. |
| 300.00 | Lode line of the Protection No. 4 lode of this survey. |
| 600.00 | Cor. No. 1 of the Protection No. 4 lode of this survey. |
| 600.00 | Intersect line 1-2 Sur. No. 4400 Protection No. 4 lode at a point from which Cor. No. 2 bears N. 89° 55' W., 613.80 ft. dist. |
| 800. | Water course, course SE. |
| 1432.11 | Intersect the line bet. secs. 12 and 13 at a point from which the ¼ cor. of secs. 12 and 13 bears N. 89° 55' E., 541.44 ft. dist. |
| 1500.00 | Cor. No. 1 and place of beginning. |

PROTECTION NO. 4 LODE

At Cor. No. 1 of the Protection No. 4 lode, on line 4-1 of the Protection No. 3 lode of this survey and line 1-2 Sur. No. 4400 Protection No. 4 lode.

Set an iron pipe, 36 ins. long, ½ inch diam., 18 in. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with a copper plate bolted thereon, mkd. PRO 4 1 4588; from which

The S. ¼ cor. of sec. 12 bears S. 33° 00' E., 991.9 ft. dist.

No other bearings available.

Thence N. 0° 05' E.

300.00 Lode line, built a substantial mound of stone; discovery cut bears S. 89° 55' E., 1125.00 ft. dist.

| Feet | |
|---|---|
| 500. | Road, bears NW. and SE. |
| 600.00 | Cor. No. 2, identical with Cor. No. 4 of the Protection No. 3 lode of this survey, previously described. |
| | Thence S. 89° 55' E. |
| 210. | Water course, course S. |
| 810. | Water course, course S. |
| 886.20 | Cor. No. 1 of the Price No. 16 lode, identical with Cor. No. 4 of the Protection No. 4 lode both of Sur. No. 4400. |
| 1123. | Road, bears NW. and SE. |
| 1500.00 | Cor. No. 3. |
| | Set an iron pipe, 36 ins. long, ½ inch diam., 18 ins. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with a copper plate bolted thereon, mkd. PRO 4 3 4588. |
| | No bearings available. |
| | Thence S. 0° 05' W. |
| 200. | Road, bears NW. and SE. |
| 300.00 | Lode line, built a substantial mound of stone; discovery cut bears N. 89° 55' W., 375.00 ft. dist. |
| 600.00 | Cor. No. 4. |
| | Set an iron pipe, 36 ins. long, ½ inch diam., 18 ins. in the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with a brass plate bolted thereon, mkd. PRO 4 4 4588. |
| | No bearings available. |
| | Thence N. 89° 55' W. |
| 280. | Water course, course SE. |
| 613.80 | Cor. No. 1 Sur. No. 4400 Protection No. 4 lode. |
| 933.80 | Road, bears NW. and SE. |
| 1500.00 | Cor. No. 1, and place of beginning. |

AREAS

| | Acres |
|---|---|
| Total area, Protection No. 2 lode | 20.653 |
| Area in conflict with -- | |
| Section 13 | 0.917 |
| Sur. No. 4400 Protection No. 4 lode | 1.785 |
| Sur. No. 4400 Protection No. 4 lode exclusive of its conflict with the Protection No. 3 lode of this survey | 0.190 |
| Sur. No. 4400 Protection No. 5 lode | 6.376 |
| Sur. No. 4400 Protection No. 5 lode exclusive of its conflict with section 13 | 6.096 |
| Sur. No. 4400 Protection No. 6 lode | 14.277 |

| Feet | | Acres |
|---|---|---|
| | Sur. No. 4400 Protection No. 6 lode exclusive of its conflict with Sur. No. 4400 Protection No. 4 lode | 12.492 |
| | Sur. No. 4400 Protection No. 6 lode exclusive of its conflict with section 13 | 13.649 |
| | Sur. No. 4400 Protection No. 6 lode exclusive of its conflict with Sur. No. 4400 Protection No. 4 lode and section 13 | 11.864 |
| | Total area, Protection No. 3 lode | 20.66[illegible] |
| | Area in conflict with -- | |
| | Section 13 | 0.927 |
| | Sur. No. 4400 Protection No. 4 lode | 8.264 |
| | Sur. No. 4400 Protection No. 4 lode exclusive of its conflict with Sur. No. 4400 Protection No. 6 lode | 4.132 |
| | Sur. No. 4400 Protection No. 4 lode exclusive of its conflict with the Protection No. 2 lode of this survey | 6.669 |
| | Sur. No. 4400 Protection No. 4 lode exclusive of its conflict with the Protection No. 2 lode of this survey and Sur. No. 4400 Protection No. 6 lode | 4.132 |
| | Sur. No. 4400 Protection No. 6 lode | 10.331 |
| | Sur. No. 4400 Protection No. 6 lode exclusive of its conflict with the Protection No. 2 lode of this survey | 6.343 |
| | Sur. No. 4400 Protection No. 6 lode exclusive of its conflict with section 13 | 9.869 |
| | Sur. No. 4400 Protection No. 6 lode exclusive of its conflict, Sur. No. 4400 Protection No. 4 lode | 6.199 |
| | Sur. No. 4400 Protection No. 6 lode exclusive of its conflict with section 13 and Sur. No. 4400 Protection No. 4 lode and the Protection No. 2 lode of this survey | 3.522 |
| | Protection No. 2 lode of this survey | 3.988 |
| | Protection No. 2 lode of this survey exclusive of its conflict with Sur. No. 4400 Protection No. 4 lode | 2.293 |
| | Protection No. 2 lode of this survey exclusive of its conflict with section 13 | 3.810 |
| | Protection No. 2 lode of this survey exclusive of its conflict with Sur. No. 4400 Protection No. 4 lode and section 13 | 2.215 |
| | Total area, Protection No. 4 lode | 20.661 |
| | Area in conflict with -- | |
| | Sur. No. 4400 Protection No. 4 lode | 12.207 |

LOCATION

This survey is located in the NW¼ of sec. 13 and the SW¼, SE¼ of sec. 12, T. 11 N., R. 13 W., G. & S.R. Meridian, Arizona.

The survey of these lodes is identical with the location of the lodes as marked on the ground.

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of the lodes of this survey embraced in said mining claims by the claimant or its grantors are as follows:

No. 1 The discovery shaft of the Protection No. 2 lode, the center of which being the discovery point, is on the lode line S. 0° 05' W., 460. ft. from a point on line 2-3, 300. ft. from Cor. No. 2; Shaft 4 X 6 X 8 feet deep.
Value $125.00

No. 2 A trench, the center of which bears S. 33° 45' E., 520. ft. from Cor. No. 2 of the Protection No. 2 lode, 3 X 1 to 3 X 17 ft. long, bears northwesterly.
Value $50.00

No. 3 A shaft, the center of which bears N. 32° 30' E., 890. ft. from Cor. No. 1 of the Protection No. 2 lode, 4 X 6 X 8 ft. deep.
Value $125.00

No. 1 The discovery shaft of the Protection No. 3 lode, the center of which being the discovery point, is on the lode line S. 0° 05' W., 154. ft. from the center of line 3-4; shaft 4 X 6X8ft. deep.
Value $125.00

No. 2 A cut and shaft, the face of which bears S. 33° 30' W., 320. ft. from Cor. No. 4 of the Protection No. 3 lode; cut 4 X 13 X 8.5 ft. face, shaft at its face 4 X 6 X 1.5 feet deep. Cut bears easterly.
Value $125.00

No. 3 A diamond drill hole 5/8 ins. diam., by 108 feet deep, bears S. 74° W., 312 ft. from Cor. No. 4 of the Protection No. 3 lode.
Value $875.00

No. 1 The discovery cut of the Protection No. 4 lode, the face of which being the discovery point, is on the lode line N. 89° 55' W., 375. ft. from the center of line 3-4; cut 6 X 8 X 10 ft. face, bears westerly.
Value $125.00

No. 2 A cut, the face of which bears S. 73° W., 560. ft. from Cor. no. 3 of the Protection No. 4 lode, 4 X 10 X 10 ft. face, badly eroded.
Value $50.00

No. 3 A cut, the face of which bears S. 88° W., 700. ft. from Cor. No. 3 of the Protection No. 4 lode, 15 X 6 X 6 ft. face, bears westerly.
Value $150.00

An interest in a common improvement described as follows:

The lodes of this survey together with the three additional unsurveyed lodes and all of the lode locations reported under the Common Improvement Report of Mineral Survey No. 4400, comprise the operating property of the Arizona Manganese Corporation, an Arizona Corportation, claimant herein named. The lode locations are all contiguous and their status is as follows:

30 lode locations under Mineral Survey No. 4400
3 lode locations under Mineral Survey No. 4588
12 unsurveyed lode locations reported in the report of the Common Improvements in M.S. No. 4400.

XXXXXX

3 unsurveyed lode locations reported herein, making a total of 48 lode locations.

The M.S. No. 4400 report shows the valuation of its improvements to wit:

Volume of material moved, 300,000 tons.
Value $300,000.00
Value of 1/42 interest $7,142.00

1/42 interest was credited to each of the lodes listed.

Since the completion of M.S. No. 4400, additional mining operations resulted in additional excavations and removal of manganese ores, as listed below:

Volume of material moved 100,000 tons.
Value $100,000.00
Value of 1/48 interest in the additional improvement.
Value $2,088.00

The above improvements were made in Pits "A" and "B" as reported in M.S. No. 4400 and under identical conditions as described in M.S. No. 4400.

Five hundred dollars or over have been expended in these improvements in such a manner as tends to the development of each of the lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed. The lodes claiming this additional interest of the Common Improvement are listed hereunder to wit:

| Mineral Survey No. 4588 | Unsurveyed lodes |
|---|---|
| Protection Nos. 2, 3, 4. | Protection Nos. 5, 6, 7. |

All of the above lodes were located in the year 1942: therefore an undivided one forty eight (1/48) interest in its value is hereby credited to each of the above mentioned lodes and a like interest apportioned to each of the other unsurveyed and stated lodes of said common group.

Except as stated, no portion of or interest in these improvements has been credited heretofore as patent expenditure to any other lode claim.

OTHER IMPROVEMENTS

None.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA.

The section corner found in the execution of this survey is a standard iron pipe corner with brass cap properly marked as reported in the official records.

The corners of this survey are ½ inch galvanized iron pipe, 36 ins. long threaded on the end. To the threaded end an iron floor flange, 3 ins. in diam., was attached. A three inch copper disc plate was attached to the floor flange by the use of bolts. The designation of the corners of the lodes were stamped on the copper plates.

The corner assembly was set into the ground, 18 ins. or as conditions of the formation permitted.

The corners of M.S. No. 4400 are identical as described above for this survey.

All discrepancies existing between the calls of the location certificates and the lodes as surveyed are due to errors in the location certificates.

FIELD ASSISTANTS

Raymond W. White Chainman

Form 4-586
(March 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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# CERTIFICATE OF SURVEYOR

Nov. 22, 1961, 19

I, J.WILLIAM WAARA,

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the OFFICE CADASTRAL ENGINEER, at Phoenix Arizona

dated NOVEMBER 8, 1961, I have faithfully and correctly executed the survey of the mining claim of Arizona Manganese Corporation, an Arizona Corporation,

known as the PROTECTION NO.2, PROTECTION NO.3 and PROTECTION NO.4, (Lode, placer, or mill site)

situate in Owens Mining District, Mohave County, State of Arizona.,

T. 11 N., R. 13 W., G & S.R. Meridian, ARIZONA (State), and

designated as Survey No. 4588, 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 (Lode or placer) location(s) embraced in the said mining claim by claimant(s) or its 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.

Prescott Arizona. (Place)

J. William Waara (Mineral Surveyor)

## CERTIFICATE OF APPROVAL

Bureau of Land Management, Survey Office (Office)

Phoenix, Arizona (Place) February 12 (Date), 1962

The foregoing field notes of mineral survey No. 4588, in Owens Mining District

Secs. 12 & 13, T. 11 N., R. 13 W., G. & S. R. Meridian,

Arizona (State), executed by J. William Waara, Mineral Surveyor,

under order dated November 8, 1961, 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

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)

GPO 944397

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

10

# CERTIFICATE OF SURVEYOR

Nov. 22, 1961 19

I, J. WILLIAM GRAGA

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

OFFICE CADASTRAL ENGINEER, at Phoenix Arizona

dated NOVEMBER 8, 1961, I have faithfully and correctly executed the survey of

the mining claim of Arizona Manganese Corporation, an Arizona Corporation

known as the PROTECTION NO. 2, PROTECTION NO. 3 and PROTECTION NO. 4

situate in Owens Mining District, Mohave County, State of Arizona.

T. 11 N., R. 13 W., G. & S.R. Meridian, ARIZONA, and

designated as Survey No. 4588, 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 claimant(s) or its grantors are fully stated in my report thereto, 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 said claim has been included in the estimate of expenditures upon any other claim.

Prescott Arizona.

(Place)

(Signature of Mineral Surveyor)

## CERTIFICATE OF APPROVAL

Bureau of Land Management, Survey Office

(Place)

Phoenix, 19

(Date)

The foregoing field notes of mineral survey No. 4588, in the Mining District,

Sec. 23, T. 11 N., R. 13 W., G. & S.R. Meridian,

(State)

executed by J. William Graga, Mineral Surveyor,

(Name)

under order dated November 8, 1961, having been officially examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

(Signature)

(Title)

## CERTIFICATE OF TRANSCRIPT

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

(Signature)

(Title)

(Date)