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MINERAL SURVEY No. 4211	MINERAL	SURVEY	No.	4211
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Arizona Land District FIELD NOTES OF THE SURVEY OF THE MINING CLAIM OF Arizona Manganese Corporation known as the

MAGGIE NO. 6, MAGGIE NO. 7, MAGGIE NO. 7-A, MAGGIE NO. 8,

MAGGIE NO. 9, MAGGIE NO. 12, MAGGIE NO. 13, MAGGIE NO. 14,

MAGGIE NO. 16, MAGGIE NO. 15, MAGGIE NO. 17, MAGGIE NO. 22,

MAGGIE NO. 23, MAGGIE NO. 24, MAGGIE NO. 25, MAGGIE NO. 26,

MAGGIE NO. 27, MAGGIE NO. 31, MESA, MESA NO. 1, MESA NO. 2,

KNOWN AS THE MESA NO. 3, MESA NO. 4, MESA NO. 5, MUROC, MUROC NO. 1, MUROC NO. 2, MUROC NO. 3, MUROC NO. 4, RUDY and RUDY NO. 1 lodes Owens Mining District, Mohave County, Arizona Section S, 29, 30, 31, Township 12 N., Range 13 W. Surveyed under instructions dated February 12, 19 38 By Ralph L. Motz U.S. Mineral Surveyor. Claim located See location notices 19 Survey commenced February 14 Survey completed March 1 , 19 38 Address of claimant's attorney, Cleon T. Knapp, Valley National Building, Tucson, arizona. DATES OF AMENDED LOCATIONS

Mineral Survey No. 4211 was made with a Gurley & Sons Precise Transit, Light Mountain model, with horizontal limb 6.25 inches in diameter, having two double opposite verniers, and full vertical circle 5 inches in diameter, having one double vernier; the verniers read to one minute of arc; the eye piece is equipped with a prismatic eye piece with a prismatic eye piece with colored glass slide for making direct ob-servations upon the sun. The instrument was in good condition at the time of survey and all adjustments were in good order. An a. m. altitude observation of the sun for azimuth, and at noon on the meridian for latitude, were made at Cor. No. 1 of the Maggie No. 12 lode, the details of which observations are shown in the calculation sheets submitted herewith for examination. All

tion sheets submitted herewith for examination. All azimuths in this record are referred to the true meridian thus determined, by the arthod of deflection angles and calculated courses. Which was compared with Standard Western The lines were measured with a Keuffel & Esser steel and found tape, 100 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Keuffel & Esser steel tape; 300 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Lufkin steel tape, 25 feet in length graduated to feet. Lufkin steel tape, 25 feet in length, graduated to feet, inches and fractions of inches for the entire length.
All tapes were compared with a Lufkin standard 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 variation observed at each corner of the survey gave a uniform value of 15° 20' E.

Maggie Mo. 16 lede, all of

Set an iron riches in the ground in a mound of stones, for Cor. Beginning at Cor. No. 1 of the Maggie No. 12 lode

Identical with Cor. No. 1 of the Maggie No. 14 lode and Cor. No. 1 of the Maggie No. 15 lode, both of this survey, and with the Cor. of Secs. 29, 30, 31 and 32, T 12 N, R 13 W, G & S R B & M

Being an iron pipe 2 inches in diameter, firmly set in the ground in a mound of rocks, with brass cap 2 1/2 inches in diameter, mkd. T 12 N, R 13 W, S 29, S 30, S 31, S 32; from which

A sandstone rock, 4x9x28 inches long, set 16 inches in the ground for witness corner, mkd. WC x. Ml2-1-4211; Ml4-1-4211; Ml5-1-4211 bears S 89 59' W 10.0 ft.

A monument of rocks 3 ft. base, 3 ft. high, bears southerly 2 ft. from the witness corner

thence S 0° 03' E, from the true corner point,

. taib . TT 0.000 H

490.0 Cross road, 10 feet wide, course easterly

1500.0 Cor. No. 2

Identical with Cor. No. 4 of the Mesa lode of this survey virese estuce, ably feet ul , beet seet

Set an iron pipe, 2 1/2 inches in diameter, 4 feet long, 12 inches in the ground to bedrock, in a mound of rocks for Cor. No. 2, an iron cap on top, mkd M12-2-4211; M-4-4211; from which

> A mound of rocks, 3 ft. base, 4 feet high, bears N 30° E 6.8 ft.

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feet thence S 89° 59' W South end center, identical with the north end center of the Mesa lode of this survey, agreeing with the south end center of the location, being a mound of rocks, 3ft. base, 4 feet high 300.0 Cross match told est. wilde, course moutherly 450.0 600.0 Cor. No. 3 Identical with Cor. No. 3 of the Mesa-lode, Cor. No. 4 of the Mesa No. 1 lode, Cor. No. 2 of the Maggie No. 16 lode, all of this survey, Set an iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground, in a mound of rocks, for cor. No. 3, an iron cap on top, mkd. M12-3-4211; M1-4-4211; M16-2-4211; from which A mound of rocks, 3 ft. base, 3 ft. high, bears N 45 w thence N 0° 03 W There are a same and the same are a same as a same as a same are a same as a same as a same are a same as a 990.0 Cross road, 10 ft. wide, course easterly Cor. No. 4 1500.0 Identical with Cor. No. 1 of the Maggie No. 16 lode, Cor. No. 1 of the Maggie No. 13 lode; Cor. No. 2 of the Maggie No. 14 lode, all of this survey. Set an iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground in a mound of stones, for Cor. No. 4, an iron cap on top, mkd. M12-4-4211; M16-1-4211; M13-1-4211; M14-2-4211; from which a mound of rocks, 3 ft. base, 3 ft. high, bears northwesterly 3 ft. thence N 89° 59° E North end center, identical with the south end center of the Maggie No. 14 lode of this survey, agreeing with the north end center of the location, being a mound of rocks, 3 ft. base, 4 ft. high witness Cor. to Cor. No.1. 600.0 Cor. No. 1 and place of the beginning. MAGGIE NO. 16 Beginning at Cor. No. 1 of the Maggie No. 16 lode, which is identical with Cor. No. 4 of the Maggie No. 12 lode of this survey, from which The Cor. of Secs. 29, 30, 31 and 32, T 12 N, R 13 W, G & S R B M, previously described bears N 89°.59° E 600.0 ft. dist. -xura a di to enol man thence S 0° 03' E Cross road, 10 feet wide, course easterly 510.0 1500.00 Cor. No. 2 porbed to harry out at the color of

Identical with Cor. No. 3 of the Maggie No. 12 lode of

thence S 89 59' W

this survey

MINERAL SURVEY NO. 4211 - Arizona feet Cross road, 10 feet wide, course, northwesterly 300.0 South end center, identical with north end center of the Mesa No. 1 lode of this survey, agreeing with the south end center of the location, being a mound of rocks, 3 oft. base, 4 feet high feet about the contract of the contract 600.0 Identical with Cor. No. 3 of the Mesa No. 1 lode, Cor. No. 4 of the Mesa No. 2 lode and Cor. No. 3 of the Maggie No. 9 lode, all of this survey Set an iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground in a mound of rocks, for Cor. No. 3, an iron cap on top, mkd. M16-3-4211; M2-4-4211; M9-3-4211; from which A mound of rocks 3 ft. base, 3 ft. high pears easterly 4. ft. . I of the Margie ho. 10 lode of thence N 0° 03' Wesvand sint ditte Instituebi Cross Road, 10' feet wide, course, northeasterly 895.0 1500.01 Cor. No. 1 40a edi dita galeerga, retas bae situoz 0.005 Identical with Cor. No. 2 of the Maggie No. 9 lode, Cor. No. 4 of the Maggie No. 31 lode, Cor. No. 2 of the Maggie No. 13 lode, all of this survey, where I Set an iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground in a mound of rocks, an iron cap on top, mkd. M16-4-4211; M9-2-4211; M31-4-4211; M13-2-4211; from which A mound of rocks, 3 ft. base, 4 feet high, bears northeasterly 10 feet thence N 89 59 E 300.0 North end center, identical with south end center, Maggie No. 13 lode of this survey and agreeing with the north end center of the location, being a mound of rocks 3 ft. base, 3 ft/ high Cross road, 10 feet wide, course southerly 320.0 600.0 " . MAGGIE NO. 9 Beginning at Cor. No. 1 of the Maggie No. 9 lode Identical with Cor. No. 2 of the Maggie No. 7 lode, Cor. No. 4 of the Maggie No. 7-A lode and Cor. No. 1 of the Maggie No. 31 lode, all of this survey la inches in the ground in a mound of rocks, for Cor. No. 1, an iron cap on top mkd. M9-1-4211; M7-2-4211; M7A-4-4211; M31-1-4211; from which a mound of rocks 3 ft. base, 3 ft. high bears easterly 4 feet one terly to Sec.
The 1/4 Cor. between Secs. 30 and 31, T 12 N, R 13 w, G & S R Dxt M being an iron post, 1 in. diam., 18 inches above ground, firmly set in ground and mound

die

MINERAL SURVEY NO. 4211 - Arizona of stone, marked and witnessed as described in the official record, bears S 89° 59' W 841.7 ft. rether the distant thence N 89 591 Erec ons distant u. de. 300.0 North end center, agreeing with north end center of the location and identical with south end center of the Maggie No. 31 lode of this survey, being a mound of rocks, 3 ft. base, 4 feet high 600.0 Cor. No. 2 285 88 10 5 . 01 . 100 16 10 1801 180 Identical with Cor. No. 4 of, the Maggie No. 16 lode of this survey thence S 0 03' E Cross road, 10 feet-wide, course northeasterly 605.0 Identical with Cor. No. 3 of the Maggie No. 16 lode of this survey Titotago dison, or thence S 89° 59' W, Dans and O. 198 South end center, agreeing with the south end center of 300.0 the location and identical with the north end center of the Mesa No. 2 lode of this survey, being a mound of rocks, 3 ft. base, 4 ft. high Cross Guich, 10ft. wide, sourse Sautherly
Cor. No. 4 350.0 600.0 Identical with Cor. No. 3 of the Mesa No. 2 lode, Cor. No. 2 of the Mesa-No. 3 lode and Cor. No. 3 of the Maggie No. 7 lode, all of this survey; where I Set an iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground in a mound of rocks, for Cor. No. 4, mkd. M9-4-4211; M3-3-4211; M3-2-4211; M7-3-4211; from which A mound of rocks, 3 ft. high, 3 ft. base, bears, easterly 5 ft. thence NO 03' W , 640.0 Cross road, 10 feet wide, course northeasterly Cor. No. 1 and place of beginning. 1500.0 MAGGIE NO. 7 Beginning at Cor. No. 1 of the Maggie No. 7 lode Identical with Cor. No. 1 of the Maggie No. 8 lode, Cor. No. 1 of the Maggie No. 6 lode and Cor. No. 1 of the No. 1 of the Maggie No. 6 lode and Cor. No. 1 of Maggie No. 24 lode, all of this survey, where I Set an iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground in a mound of rocks for Gor. No. 1, an iron cap on top mkd. M7-1-4211; M6-1-4211; M8-1-4211; from which a mound of rocks, 3 ft. base, 4 ft. high bears easterly 4.0 ft.

Sec.

The 1/4.Cor. between Secs. 30 and 31, T 12 N, R 13 W,
G & S R B & M, previously described bears S 89° 59

MINERAL SURVEY NO. 4211 - Arizona feet feet W. 241.7 ft. dist. 6 . old . 100 thence N 89° 59' E 300,0 North end center, identical with south end center of the Maggie No. 7-A lode of this survey and agreeing a with the north end center of the location, being a mound of rocks, 3 ft. base, 4 feet high 600.0 - Cor. No. 2 for Cor. 80. 8, ab iron cap on to: Identical with Cor. No. 1 of the Maggie No. 9 lode of this survey , and thence S 0° 03' E thence n o Cross road, 10 feet wide, course northeasterly 860.0 1500.0 Cor. No. 3 Identical with Cor. No. 4 of the Maggie No. 9 lode of this survey and to f .cd .too norw feetmont thence S 89° 59 W; were 300.0 South end center, agreeing with the south end center of the location and identical with the north end center of the Mesa No. 3 lode of this survey, being a mound of rocks, 3 ft. base, 3 ft. high -600.0 Cor. No. 4 2 . sasd . 12 8 , aloog 10 only Identical with Cor. No. 1 of the Mesa No. 3 lode, Cor. No. 1 of the Mesa No. 4 lode and Cor. No. 2 of the Maggie No. 8 lode, all of this survey; where I Set an iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground, for Cor. No. 4, iron cap on top, mkd. M7-4-4211; M3-1-4211; M4-1-4211; M8-2-4211; from which A mound of rocks, 3 ft. base, 4 ft. high, bears easterly 5 ft. thence NO 03' W et wide, course Cer. No. L an 1500.0 Cor. No. 1 and place of beginning. DE .OM TIDDA MAGGIE NO. 8 Beginning at Cor. No. 1 of the Maggie No. 8 lode Identical with Cor. No. 1 of the Maggie No. 7 lode of this survey bermeen Secs. 20 and 'sa de il arost , bedirosethence Svo 03' E 22 2 3 2 .Jaid .JT W. SEE T 1500.0 Cor. No. 2 thence 5 0 05' E. Identical with Cor. No. 4 of the Maggie No. 7 lode of

anda.

this surveyed served the took as another each 0.000

A . OH . 700

thence S 89 59' W

300.0 South end center, agreeing with the south end center of the location, identical with the north end center of the Mesa No. 4 lode of this survey, being a mound of rocks 3 ft. base, 4 ft. high

South end center, agreeing vith the south end center of

Identical with Cor. No. 4 of the Mesa No. 4 lode, Cor. No. 1 of the Mesa No. 5 lode and Cor. No. 2 of the Maggie No. 26 lode, all of this survey; where I

Set an iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground in a mound of rocks, for Cor. No. 3, an iron cap on top mkd. M8-3-4211; M4-4-4211; M5-1-4211; M26-2-4211; from which

A mound of rocks, 3 ft. base, 3 ft. high, bears northeasterly 4 ft.

thence N 0° 03' W

Cross gulch, 25 feet wide, course southwesterly 940.0

Cor. No. 4 1500.0

Identical with Cor. No. 1 of the Maggie No. 26 lode and Cor. No. 2 of the Maggie No. 6 lode, both of this survey; where I

Set an iron pipe, 21/2 inches in diameter, 4 feet long, 18 inches in the ground in a mound of rocks for Cor. No. 4, an iron cap on top mkd. M8-4-4211; M26-1-4211; M6-2-4211; from which

A mound of rocks, 3 ft. base, 4 feet high, bears westerly 3 ft. . To Co the the

thence N 89° 59' E

North end center, agreeing with the north end center of the location, identical with the south end center of the Maggie No. 6 lode of this survey, being a mound -- of rocks-3-ft. base, 3 ft. high 300.0

The 1/4 Cor. between Secs. 30 and 31, T 12 N, R 13 W, 358.3 G&SBANA Meand . dt & .

Cross gulch, 25 feet wide, course southwesterly 495.0

Cor. No. 1 and place of beginning. 600.0 Cor. No. 1 end place of beginning.

MAGGIE NO. 26

Beginning at Cor. No. 1 of the Maggie No. 26 lode

Identical with Cor. No. 4 of the Maggie No. 8 lode of

The 1/4 Cor. between Secs. 30 and 31, T 12 N, R 13 W, G & S Rxbxx M, previously described, bears M 89° 59: E 358.3 ft. dist. LECO. Cor. No.

thence S 0° 03' E

Cross gulch, 25 feet wide, course southwesterly 560.0

Cor. No. 2 W 188 2 soment 1500.0

Identical with Cor. No. 3 of the Maggie No. 8 lode of to to this survey of the Landidash

thence S. 89 59 W

South end center, agreeing with the south end center of 300.0

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feet the location, identical with the north end center of the Mesa No. 5 lode of this survey, being a mound of rocks, 3 ft. base, 3 ft, high ground, May-S-Asli; from wild Cor. No. 3 600.0 -tree Identical with Cor. No. 4 of the Mesa No. 5 lode and Cor. No. 2 of the Maggie No. 27 lode, both of this survey, where I Set an iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground, for Cor. No. 3, an iron cap on top, mkd. M26-3-4211; M5-4-4211; M27-2-4211; from which , a mound of rocks, 3 ft. base, 4 ft. high, bears northeasterly 4 ft. Sind of Sind of thence N 0 03' W . TO whit off 460.0 Cross gulch, 25 feet wide, course southwesterly 1500.00 Cor. No. 4 m , allow to harden but Identical with Cor. No. 1 of the Maggie No. 27 lode of this survey, where I Set a basalt rock, 8x9x25 inches, 16 inches in the ground, for Cor. No. 4, mkd. M26-4-4211; M27-1-4211; from which A mound of rocks, 3 ft. base, 3 ft. high, bears southerly 4 ft. thence N 89° 59' E North end center, being a mound of rocks, 3 ft. base, 4 feet high, agreeing with the north end center of the 300.0 600.0 Cor. No.: 1 and place of beginning. Beginning, at Cor. No. 1 of the Maggie No. 27 lode Identical with, Cor. No. 4 of the Maggie No. 26 lode of this survey; from which Sec. The 1/4 Cor. between Secs. 30 and 31, T 12 N, R 13 W, G & S R ** M, previously described, bears N 89° 59' E 958.3 ft. dist. .tto , and thence S 0° 03' E, tetmes and misse 0.005 Cross gulch, 25 feet wide, course southwesterly. 1040.0 1500.0 Cor. No. 2 8 . DW . TOD 0. 008 Identical with Cor. No. 3 of the Maggie No. 26 lode of this survey oracy : yourse sind at code was thence \$ 89° 59° W 260.0 Cross gulch, 25 feet wide, course southerly 300.0 South end center, being a mound of rocks, 3 ft. base, 3 ft. high, agreeing with the southwend center of the

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feet Jost. 600.0 Cor. No. 3 of extence 1 0,105' W, not seed and A basalt rock in place, 30x36 inches, 6 inches above the ground, mkd. M27-3-4211; from which A mound of rocks, 3 ft. base, 3 ft. high, bears westthence N 0 03' W 1500.00 Cor. No. 415 ni sedeni 2/1 2 , seig nori na te - - Set a basalt rock, 9x10x28, inches, 16 inches in the ground for Cor. No. 4, mkd. M27-4-4211; from which A mound of rocks, 3 ft. base, 4 feet high, bears southerly 4.5 ft. The *** Cor. of Secs. 30 and 31, T 12 N, R 13 W and Secs. 25 and 36, T 12 N, R 14 W, G & S R B & M, being an iron post 3 inches in diameter, with. brass cap, 18 inches above the ground, firmly set in ground and mound of rocks, marked and witnessed as described in the official record, bears S 89 . 59 W 993.2 ft. dist. thence N 89° 59' E

300.0 North end-center, being a mound of rocks, 5 ft. base, 3 ft. high, agreeing with the north end center of the Cor. No. 1 and place of beginning. 600.0 Les es M esment A , sand . The candon to provide a manage , restrate the little C. O.S. Beginning at Cor. No. 1 of the Mesa lode A basalt rock, 4x6x24 inches, set 16 inches in the ground, for Cor. No. 1, mkd. M-1-4211; from which. A mound of rocks, 3 ft. base, 3 feet high, bears northerly 3 ft. Sec. between Secs. 31. and 32, T 12 N, R 13 W, G & S R Brak M, bears N 0 03' W 358.8 ft. dist, being an iron post, 1 inch diameter, 18 inches above an iron post, 2 in ground and mound of stone, ground, firmly set in ground and mound of stone, marked and witnessed as described in the official record. but 65 .2066 Meswind .100 FVI e Warend , bediress viscolverd , wax A 2 8 thence S 89 .5912W. TT 5.859 & south end center, being a mound of rocks, 3 ft. base, 4 300.0 feet high, agreeing with the south end center of the location A. Con . Mo. O. O. O. A. Cor. No. 2 600.0 Identical with Cor. No. 1. of the Mesa No. 1 lode of this survey; where I Set a basalt rock, 7x7x27 inches, 17 inches in the ground for Cor. No. 2, mkd. M-2-4211; M1-1-4211; from which

A mound of rocks, 3 ft. base, 4 feet high, bears southerly 6.5 ft.

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	MINERAL SURVEY NO. 4211 - Arizona
feet	feet
	Wirete end thence N 0° 03' W
1500.0	Cor. No. 3
To al	Identical with Cor. No. 3 of the Maggie No. 12 lode of this survey
	thence N 89° 59' E
150.0	1500.8 Cor. Mg. 1 was blace of beginning. con 5001
300.0	north end center, identical with the south end center of the Maggie No. 12 lode of this survey and agreeing with the north end center of the location
600.0	
sist to	this survey
, 平型	thence S 0° 03° E . 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1095.0	Cross gulch 15 feet wide, course southeasterly
1141.2	
1500.0	Cor. No. 1 and place of heginning.
edi	o mathea bas strong out with mainering state of 500
	MESA NO. 1
*	Beginning at Cor. No. 1 of the Mesa No. 1 lode 0.003
	Identical with Cor. No. 2 of the Mesa lode of this survey; from which
the	The 1/4 Cor. between Secs. 31 and 32, T 12 N, R 13 W, Gd S R Branch; previously described, bears N 59° 06' E 698.9 ft. dist.
2000	thence S 89° 59 W
300,0	South end center, being a mound of rocks, 3 ft. base, 3 ft. high, agreeing with the south end center of the location
600.0	Cor. No. 2 Oct. to a cor.
	this survey, where I
to tetno	Set a basalt rock, 7x9x26 inches, 16 inches in the ground for Cor. No. 2, mkd. M1-2-4211; M2-1-4211; from which
din ani	A mound of rocks, 3 ft. base, 4 feet high, bears southerly 7.5 ft.
	thence N O' 03' W
1500.0	Cor. No. 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Identical with Cor. No. 3 of the Maggie No. 16 lode of this survey
	thence N 89° 59' E 2
300.0	North end center, identical with the south end center of the Maggie No. 16 lode of this survey and agreeing with the north end center of the location

	9	MINERAL SURVEY NO. 4211 - Arizona	10	
1	feet		feet	
	405.0	Cross road, 10 feet wide, course northwesterly		
	600-0	Cor. No. 4	Maria Carlo	
	lo ebcl	Identical with Cor. No. 3 of the Maggie No. 12 lo	de of	
		thence S 0 03 E		
	1500.0	Cor. No. 1 and place of beginning.	0.001	
	to return	the baggie No. 12 lode of this survey and agree with the north Sm. ON ARM or the lockion	0.003	
		Beginning at Cor. No. 1 of the Mesa No. 2 lode		
	nde of	Identical with Cor. No. 2 of the Mesa No. 1 lode survey; from which	of this	
		The 1/4/Cor. between Secs. 31 and 32, T 12 N, G & S R RXX M, previously described, bears		
		N 73 20 E 1252 3 ft. dist.	o carr	
			Je Tait	
	260.0	Cross gulch, 15 feet wide, course southerly South end center, being a mound of rocks, 3 ft.	0.0075	
	300.0	ft. high, agreeing with the south end center o location	f the	
	600.0	Cor. No. 2 seed odt to 1 .o 100 re naimnigod		
	-Tue ai	Identical with Cor. No. 3 of the Mesa No. 3 lode survey; where I	ALCOHOLD WATER	
	10 TO F	Set a baselt rock, 4x9x26 inches, 16 inches in ground for Cor. No. 2, mkd. M2-2-4211; M3-3-from which	the 4211;	
		A mound of rocks, 3 ft. base, 4 feet high, he northerly 2 ft.		
	sass, S	To read central thence N 0 031 Will and conter of	0.008	
	1500.0	Cor. No. 3	.0.000	
	To	Identical with Cor. No. 4 of the Maggie No. 9 lo this survey thence N 89 59' E'	ode oi	
	tilte	thence N 89 59' E		
	250.0	-Cross gulch, 10 feet wide, course southerly		*
	300.0	North end center, identical with the south end the Maggie No. 9 lode of this survey and agree the north end center of the location	eing with	
	600.0	Cor. No. 4 W 180 0 M soned		
		Identical with Cor. No. 3 of the Maggie No. 16	lode of	
	to si	this survey thence S 0 03' E gaving ains		The second second
	1500.0	Cor. No. 1 and place of the beginning.		
	Libr	North and appear, identical with the south and or or the larges No. 16 lode of this survey and ag	500.0	-

feet

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MESA NO. 3

Beginning at Cor. No. 1 of the Mesa No. 3 lode

Identical with Cor. No. 4 of the Maggie No. 7 lode of this survey, from which

The 1/4 Cor. between Secs. 30 and 31, T 12 N, R 13 W, G & S R Max M, previously described, bears N 9° 12' W 1519.4 ft.

; __ _ thence N 89° 59' E

North end center, identical with south end center of the Maggie No. 7 lode of this survey and agreeing with the north end center of the location

thence M 0 05' W

600.0 Cor. No. 2

Identical with Cor. No. 4 of the Maggie No. 9 lode of this survey

thence S 0° 03' E

1500.0 Cor. No. 3

Identical with Cor. No. 2 of the Mesa No. 2 lode of this survey

but direit 0.008

6 .00 . 370 0 .003

thence S 89° 59' W

300.0 south end center, being a mound of rocks, 3 ft. base, 4 ft. high, agreeing with the south end center of the location

TUESA NO. 5

600.0 Cor. No. 4

Identical with Cor. No. 2 of the Mesa No. 4 lode of this survey; where I

Set a basalt rock, 7x13x28 inches, 18 inches in the ground for Cor. No. 4, mkd. M3-4-4211; M4-2-4211; from which

A mound of rocks, 3 ft. base, 3 ft. high, bears northerly 2 ft

thence N 0 03 W

1500.0 Cor. No. 1 and place of beginning.

MESA NO. 4

Beginning at Cor. No. 1 of the Mesa No. 4 lode

Identical with Cor. No. 4 of the Maggie No. 7 lode of this survey; from which

The 1/4 Cor. between Secs. 30 and 31, T 12 N, R 13 W, G & S RXXX M, previously described, bears N 9° 12' N 1512.4 ft. dist.

thence S 0° 03' E

1500.0 Cor. No. 2

wint to obel A .od acom

Identical with Cor. No. 4 of the Mesa No. 3 lode of this survey

feet thence S 89° 59' W 300.0 South end center, being a mound of rocks 3 ft. base, 3 ft. high, agreeing with the south end center of the location Lienvicel with Cor. No. 4 or which which which 600.0 Cor. No. 3 Identical with Cor. No. 4 of the Rudy lode and Cor. No. 2 of the Mesa No. 5 lode, both of this survey; where I Set a basalt rock, 7x13x36 inches, 16 inches in the ground for Cor. No. 3, mkd. M4-3-4211; R-4-4211; M5-2-4211; from which A mound of rocks, 3 ft. base, 4 ft. high, bears northwesterly 2.5 ft. 2 . 64 . 7 60 0.000 thence N 0 03' W 400.0 Cross gulch, 5 feet wide, course southwesterly 1500.0 Cor. No. 4 Identical with Cor. No. 3 of the Maggie No. 8 lode of this survey thence N 89° 59" E 300.0 North end center, identical with the south end center of the Maggie No. 8 lode of this survey and agreeing with the north end center of the location 600.0 Cor. No. 1 and place of beginning. Location 4 .0% tea0 0.00a MESA NO. 5 Beginning at Cor. No. 1 of the Mesa No. 5 lode Identical with Cor. No. 3 of the Maggie No. 8 lode of Sec. The 1/4 Cor. between Secs. 30 and 31, T 12 N, R 13 W, G & S R TRANK M, previously described bears N 13° 23' E 1542.0 ft. thence S 0° 03' E 1100.0 Cross gulch, 5 feet wide, course southwesterly 1500.0 Cor. No. 2 Identical with Cor. No. 3 of the Mesa No. 4 lode of this . 01 thence S 89° 59! Work is the second 190.0 Cross gulch 10 feet wide, course southwesterly South end center, identical with north end center of the 300.0 Rudy lode of this survey and agreeing with the south end center of the location, being a mound of rocks 3 ft. base, 4 ft. high 600.0 Cor. No. 3 1500.0 Det. Dic. 2

Identical with Cor. No. 3 of the Rudy lode, and Cor. No. 2 of the Rudy No. 1 lode, both of this survey; where I

feet

Set a basalt rock, 5x9x25 inches, 16 inches in the ground for Cor. No. 3, mkd. M5-3-4211; R-3-4211; R1-2-4211; from which

A mound of rocks, 3 ft. base, 4 ft. high, bears northerly 3.5 ft.

thence N 0° 03' W

1500.0 Cor. No. 4

1800.0 Con. 40. 1 and place of pegianing. Identical with Cor. No. 3 of the Maggie No. 26 lode of this survey M.E. ON YOU

thence N 89° 59' E

North end center, identical with the south end center of the Maggie No. 26 lode of this survey and agreeing with the north end center of the location 300.0

600.0 Cor. No. 1 and place of beginning.

The Mya Cor. betreen Sec. 1, T 12 M, B 15 W and Sec. Beginning at Cor. No. 1 of the Rudy lode ,

A basalt rock in place, 13x18 inches, 5 inches above the ground for Cor. No. 1, mkd. R-1-4211; from which

A mound of rocks, 3 ft. base, 4 ft. high, bears northerly 4 ft.

Sec. The south 1/4 Cor. of Sec. 31, T 12 N, R 13 W, G.& S R iron post, 1 in. diameter, 18 inches above ground, firmly set in ground and mound of stone, marked and witnessed as described in the official record.

thence S 89° 59' W

300.0 South end center, being a mound of rocks 3 ft. base, 3 ft. high, agreeing with the south end center of the location.

490.0 Cross gulch, 10 feet wide, course southerly

600.0 Cor. No. 2

Egg,

Identical with Cor. No. 3 of the Rudy No. 1 lode of this

Seta basalt rock, 9x12x24 inches, 16 inches in the ground for Cor. No. 2, mkd. R-2-4211; R1-3-4211; from which

A mound of rocks 3 ft. base, 4 ft. high, bears northerly 3.5 ft.

Cor. No. 3 1500.0

Identical with Cor. No. 3 of the Mesa No. 5 lode of this survey

thence N 89 59' E

North end center, identical with the south end center of the Mess No. 5 lode of this survey and agreeing with the north end center of the location.

A.

	MINERAL SURVEY NO. TELL - MILIQUIA
feet	### #### #############################
410 0	Cross gulch, 10 feet wide, course southwesterly
600.0	Cor. No. 4
374	Identical with Cor. No. 3 of the Mesa No. 4 lode of this survey
	thence S 0° 03' E
1500-0	Cor. No. 1 and place of beginning.
ode of	f da of siegal odf to 2 . od . no dir Isoliant to a co
	RUDY NO. 1
	Beginning at Cor. No. 1 of the Rudy No. 1 lode
To rejue	An iron pipe, 4 inches in diameter, 4 feet long, set 18 inches in the ground, for Cor. No. 1, copper tag on side mkd. R1-1-4211; from which
	A mound of rocks 3 ft. base, 3 ft. high bears easterly
	3 ft. Sec. Your Back Back Sec.
de	The 1/4 Cor. between Sec. 31, T 12 N, R 13 W and Sec. 36, T 12 N, R 14 W, G & S R XXXX M, being an iron post 1 inch diameter, 18 inches above ground, firmly set in ground in mound of stone, marked and witnessed as described in the official record, bears N 70° 11' W 1058.4 ft. dist.
1	thence N 89° 59' E thence N 89° 59' E
ing an cound,	North end center, being a mound of rocks, 3 ft. base, 4 ft. high, agreeing with the north end center of the Location
600.Q	COT NO. 2 Tro ent al Deglipson as Dessenting
	Identical with Cor. No. 3 of the Mesa No. 5 lode of this survey
1500.0	cor. No. 3
1500.0	Identical with Cor. No. 2 of the Rudy lode of this sur-
	vey
eids to	ebol I .ov ybox thence S 89° 59' Wylw leolangbl
175.0	Cross road, 10 feet wide, course southeasterly
	ft. high, agreeing with the south end center of the location
600.0	Cor. No. 4
	Set an andesite rock, 5x7x25 inches, 16 inches in the ground for Cor. No. 4, mkd. R1-4-4211; from which
	A mound of rocks, 3 ft. base, 3 ft. high, bears north- thence N. 0°03' W.
	Cor. No. 1 and place of beginning. MAGGIE NO. 25
nter of	Beginning at Cor. No. 1 of the Maggie No. 25 lode. A basalt rock, 7x7x24 inches, set 16 inches in the ground
THE WAY THE	

A

MINERAL SURVEY NO. 4211; - Arizona. feet for Cor. No. 1, framxwhish mkd. M25-1-4211; from which A mound of rocks, 3 ft. high with 3 ft. base, bears southwesterly 5 ft. The 1/4 Cor. between Secs. 29 and 32, T 12 N, R 13 W, G.& S RAMA M, bears S 89. 57 E 840.7 ft. dist; an iron post, 1 inch diameter, 18 inches above ground, firmly set in a mound of rocks, marked and witnessed as described in the official record. thence N 89° 57' W 300.0 South end center, being a mound of rocks, 3 ft. base, 4 ft. high, agreeing with the south end center of the location H IS H, Cor. of sees. 89, 80, 81 and 55, 60. 81 cor. Cor. on 2 c 600.0 Identical with Cor. No. 4 of the Maggie No. 22 lode of this survey, where I set Sandstone rock, 5x7x26 inches, 16 inches in the ground for Cor. No. 2, mkd. M25-2-4211; M22-4-4211; from which A mound of rocks, 3 ft., base, 3 ft. high, bears southerly 3 ft. southerly 3 ft. thence N 0° 03' W The many 1500.0 Cor. No. 3 Identical with Cor. No. 3 of the Maggie No. 22 lode, Cor. No. 3 of the Maggie No. 23 lode and Cor. No. 4 of the Maggie No. 24 lode, all of this survey; where I Set an iron pipe, 2 1/2 inches in diameter, 4 feet
long, 18 inches in the ground in mound of rocks, for
Cor. No. 3, an iron cap on top, mkd. M25-3-4211;
M22-3-4211; M23-3-4211; M24-4-4211; from which A mound of rocks, 3 ft. base, 3 ft. high, bears southerly 4 ft. thence S 89° 57! E North end center, being a mound of rocks, 3 ft. base, 4 ft. high, identical with the south end center of the Maggie No. 24 lode of this survey and agreeing with the north end center of the location 600.0 Cor. No. 4 Identical with the Cor. No. 3 of the Maggie No. 24 lode of this survey, where I Set a basalt rock, 7x8x26 inches, 17 inches in the ground for Cor. No. 4, mkd. M25-4-4211; M24-3-4211; from which A mound of rocks, 4 ft. base, 4 ft. high, bears. westerly 4.5 ft. Thence S 0 03' E

300.0 Northwest corner of the Minnesota No. 4 lode insurveyed

900.0 Southwest corner of the Minnesota No. 4 lode and the northwest corner of the Minnesota No. 3 lode, both unsurveyed. 7

1500.0 Cor. No. 1 and place of beginning.

feet or : 113 - 1 - 1200 . One wantweet . I . el . ToV feet armod , and de la MAGGIE NO, 22 and be brown Beginning at Cor. No. 1 of the Maggie No. 22 lode Identical with Cor. No. 4 of the Maggie No. 15 lode of this survey; where I set Sandstone rock, 7x8x25 inches, 16 inches in the ground for Cor. No. 1, mkd. M22-1-4211; M15-4-4211; from which A mound of rocks, 3 ft. base, 4 ft. high, bears. westerly 3 ft. The Cor. of Secs. 29, 30, 31 and 32, T 12 N, R 13 W, G & S R ** M, previously described, bears N 89° 57' W 600.0 ft. dist. thence N 00 03 W TOY IDA OLD no spoi S. . of sing 1500.0 Cor. No. 2: el . saleal 85 Tra ploc enormans Identical with Cor. No. 3 of the Maggie No. 15 lode, Cor. No. 3 of the Maggie No. 17 lode and Cor. No. 4 of the Maggie No. 23 lode, all of this survey; where I set an iron pipe 2 1/2 inches diameter, 4 feet long, 2 inches in the ground to bed rock, in a mound of rocks, 5 feet diameter, 2 ft. high, for Cor. No. 2, an iron cap on top mkd. M22-2-4211; M15-3-4211; M17-3-4211; M23-4-4211; from which A mound of rocks, 4 ft. base, 4 ft. high, bears southerly 4 feet. southerly 4 feet. thence S 89° 57' E North end center, being a mound of rocks 3 ft. base, 3 ft. high, identical with the south end center of the Maggie No. 23 lode of this survey and agreeing with the north end center of the location mount of rocks, 3 ft. base, 3 f Cor. No. 3 600.0 Identical with Cor. No. 3 of the Maggie No. 25 lode of this survey the calcol to meet on the control of Cor. No. 4 miteral and lo retnes one direct and 1500.0 Identical with Cor. No. 2 of the Maggie No. 25 lode of this survey thence N 89 57' W want bind to 300.0 South end center, being a mound of rocks, 3 ft. base, 3 ; 110 - ft.; high, agreeing with the south end center of the location 600.0 Cor. No. 1 and place of beginning. t d. b vittorsow Maggie No. 15 Beginning at Cor. No. 1 of the Maggie No. 15 lode Identical with Cor. No. 1 of the Maggie No. 12 lode of

thence N 0° 03' W

1500,0 Cor. No. 1 and place

feet	MINERAL SURVEY NO. 4211 - Arizona	17
	Cross gulch, 10 feet wide, course southwesterly	
	Cor. No. 2	
18, 18	Identical with Cor. No. 4 of the Maggie No. 14 lode, Cor	
-1-0.	Maggie No. 17 lode, atl of this survey; where I set an	
are	Iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground in a mound of rocks, for Cor. No. 2, an iron cap on top mkd. M15-2-4211; M14-4-4211; M4-2-4211; M17-4-4211; from which	
3 12 6	A mound of rocks 4 ft. base, 4 feet high, bears southerly 16.0 ft. thence S 89° 57' E	
des des	thence S 89° 57' E	
155.0	Cross gulch, 10 feet wide, course southerly	
300.0	North end center, a mound of rocks 3 ft. hase, 3 ft. high, identical with south end center of the Maggie No. 17 lode of this survey and agreeing with the north end center of the location	The state of the s
600.0	Cor. No. 3	
	Identical with Cor. No. 2 of the Maggie No. 22 lode of this survey	
	thence S 0° 03' E	
1500.0	Cor. No. 4	
	Identical with Cor. No. 1 of the Maggie No. 22 lode of this survey	
	thence N 89° 57' W	
300.0	South end center, a mound of rocks 3 ft. base, 3 ft. high agreeing with the south end center of the location	,
535.0	Cross road, 10 feet wide, course northwesterly	
600.0	Cor. No. 1 and place of beginning.	
	MAGGIE NO. 14	
30 9.50	Beginning at Cor. No. 1 of the Maggie No. 14 lode	
	Identical with Cor. No. 1 of the Maggie No. 12 lode of this survey	
	this survey thence S 89° 59' W	
300.0	the Maggie No. 12 lode of this survey and agreeing with the south end center of the location	
600.0	Cor. No. 2 not 5 . on on the to the contract of the correct of the	
	Identical with Cor. No. 4 of the Maggie No. 12 lode of this survey	
-8-11	thence N 0 033 W	
655.0	Cross gulch, 10 feet wide, course southwesterly	
1500.0	Cor. No. 3	

-1

feet

Identical with Cor. No. 4 of the Maggie No. 13 lode, ...
Cor. No. 2 of the Muroc No. 3 lode and Cor. No. 3 of
the Muroc No. 4 lode, all of this survey, where I set

An iron pipe, 2 1/2 inches diameter, 4 feet long, 18 inches in the ground in a mound of rocks, for Cor.

Bo. 3, an iron cap on top mkd. M14=3-4211; M13=4=4211; M3=2=4211; M4=3-4211; from which

A mound of rocks, 3 ft. base, 4 ft. high, bears southerly 3.5 ft. thence N 89° 59' E

North end center, a mound of rocks, 3 ft. base, 3 ft. high, identical with the south end center of the 300.0 Muroc No. 4 lode of this survey and agreeing with the north end center of the location

Cor. No. 4 600.0

> Identical with Cor. No. 2 of the Maggie No. 15 lode of this survey

lob. C Cross gulob, do feet vide, course dot

thence S 0 03' E

Cross gulch, 10 feet wide, course southwesterly 442.0

Cor. No. 1 and place of beginning. 1500.0

MAGGIE NO. 13

Beginning at Cor. No. 1 of the Maggie No. 13 lode Identical with Cor. No. 4 of the Maggie No. 12 lode of this survey

thence S 89° 59' W

280.0 Cross road, 10 feet wide, course southerly

South end center, identical with the north end center of the Maggie No. 16 lode of this survey and agreeing with the south end center of the location 300.0

Cor. No. 2 600.0

> Identical with Cor. No. 4 of the Maggie No. 16 lode of this survey

thence N 0° 03' W was a second

375.0 Cross gulch, 20 feet wide, course westerly

960.0Cross Gulch, 10 feet wide, course southeasterly

1500.0 Cor. No. 3

Identical with Cor. No. 3 of the Maggie No. 31 lode, Cor. No. 2 of the Muroc No. 2 lode and Cor. No. 3 of the Muroc No. 3 lode, all of this survey, where I set

An iron pipe, 2 1/2 inches in diameter, 4 feet long, 18 inches in the ground in a mound of rocks for Cor. No. 3, an iron cap on top mkd. M13-3-4211; M31-3-4211; M2-2-4211; M3-3-4211; from which

A mound of rocks 3 ft. base, 4 ft. high, bears southerly 3 ft. 1500.0 Cor. ED. 5

	feet	thence N 89° 59 E
	300.0	North end center, a mound of rocks 3 ft. base, 3 ft. high, identical with the south end center of the Muroc No. 3 lode of this survey and agreeing with the north end center of the location
		Cor. No. 4
		Identical with Cor. No. 3 of the Maggie No. 14 lode of this survey
		thence S 0° 03' E
	845.0	Cross gulch, 10 feet wide, course southwesterly
	1500.0	Cor. No. 1 and place of beginning.
3	0000	Idention with to a .o and drive Incident to . I .o. No. I .o. I .o. No. I
115	one 15	Beginning at Cor. No. 1 of the Maggie No. 31 lode
		Identical with Cor. No. 1 of the Maggie No. 9 lode of this survey
	atse	thence N O 03 W to three will be the common to the common
	THE STREET, PROPERTY OF	Cross gulch, 20 feet wide, course westerly
10	1500.0	Cor. No. 2
144	. Oll 0 27	Identical with Cor. No. 3 of the Maggie No. 7-A lode, Cor. 4 of the Muroc No. 1 lode and Cor. No. 3 of the Muroc No. 2 lode, all of this survey, where I set an
	lo she!	Iron pipe, 2 1/2 inches diameter, 4 feet long, 18 inches in the ground in a mound of rocks, for Cor. No. 2, an iron cap on tap mkd. M31-2-4211; M1-4-4211; M2-3-4211; M7A-3-4211; from which
		A mound of rocks, 3 ft. base, 4 feet high, bears southerly 4 ft.
		southerly 4 ft. Three N 89 59 E
	212.0	Cross gulch, 10 feet wide, course southerly
		North end center, a mound of rocks, 3 ft. base, 3 ft. high identical with south end center of the Muroc No. 2 lode of this survey and agreeing with the north end center of the location
200	600.0	Cor. No. 3 VIII all the said of the branch of the cor. No. 3 VIII all the said of the branch of the cor.
		Identical with Cor. No. 3 of the Maggie No. 13 lode of this survey
	1540.0	Cross gulch 10 ft. wide, course southeast. Ocross gulch 20 ft. wide; course westerly.
	ode of	Identical with Cor. No. 4 of the Maggie No. 16 lode of this survey
		thence S 89° 59' W
	300.0	South end center, identical with the north end center of the Maggie No. 9 lode of this survey and agreeing with the south end center of the location
1	TOTAL	TOOL OF THE SAME SAME STATES AND THE PROPERTY OF THE PARTY OF THE PART

--

thence S 89 59' W Cross gulch, 25 feet wide, course southwesterly //4cor. between Seas. 20+31, T/2 N, RIJW, G+5 R 84 M. 105.0 South end center, identical with the north end center of

		MINERAL SURVEY NO. 4211 - Arizona 21
	feet	Market Control of the
		the Maggie No. 8 lode of this survey and agreeing with the south end center of the location
	600.0	Cor. No. 2 2 2 7 30 7 8 83 83 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8
	in shaf	Identical with Cor. No. 4 of the Maggie No. 8 lode of this survey
		thence in 0 00. M
	1500.0	Cor. No. 3
主は	v gales	Identical with Cor. No. 2 of the Muroc lode of this survey, where I set
		A basalt rock, 5xllx24 inches, 16 inches in the ground, for Cor. No. 3, mkd. M6-3-4211; M-2-4211; from which
	lote of	A mound of rocks, 3 ft. base, 4 ft. high, bears south- erly 3.5 ft.
		thence N 89° 59° E
	300.0	North end center, a mound of rocks, 3 ft. base, 3 ft. high, identical with the south end center of the Muroc lode of this survey and agreeing with the north end center of the location.
	600.0	Cor. No. 4
	to abol	Identical with Cor. No. 2 of the Maggie No. 7-A lode of this survey
5	noth en	thence S 0° 03' E
		Cross gulch, 20 feet wide, course southwesterly
	1500.0	Cor. No. 1 and place of beginning.
	mer et au	
		MAGGIE NO. 24
		Beginning at Cor. No. 1 of the Maggie No. 24 lode
	doo? &	Identical with Cor. No. 2 of the Maggie No. 23 lode of this survey, where I set
	esol en	A basalt rock, 7x7x28 inches, 16 inches in the ground, for Cor. No. 1, mkd. M24-1-4211; M23-2-4211; from which
	lode of	erly 4 It.
	*	The 1/4 Cor. butween Secs. 29 and 30, T 12 N, R 13 W, G & S R Brand M, bears S 73° 28' W 1251.4 ft., an iron post, 1 in. diameter, 18 inches above ground, firmly set in ground and mound of stone, marked and witnessed as described in the official record.
	to about	thence S 89° 57' E
	300.0	North end center, a mound of rocks, 3 ft. high, 3 ft.
	TOTAL	base, agreeing with the north end center of the loca-
-	ac 11.1266	Cor. No. 2
	600.0	
	lode of	Set a limestone rock, 6x10x30, inches, 20 inches in the ground for Cor. No. 2, mkd. M24-2-4211; from which a mound of rocks, 3 ft. base, 4 ft. high, bears south-
		u/s. government painting oppics: 1991 0—8155

In		MINERAL SURVEY NO. 4211 - Arizona 22	
	feet		
- 18	In pale:	erly 5 ft.	
		thence S 0° 03° E	
	1500.0	Cor. No. 3	
		Identical with Cor. No. 4 of the Maggie No. 25 lode of the this survey	3
		thence N 89° 57° W	
-	300.0	South end center, identical with the north end center of the Maggie No. 25 lode of this survey and agreeing with the south end center of the location	
i hi	600.0	Cor. No. 4.	
1	es a Lean	Identical with Cor. No. 3 of the Maggie No. 25 lode of this survey	
		thence N 0° 03' W	
492	1500.0	Cor. No. 1 and place of beginning.	
	to degree	MAGGIE NO. 23	
		Beginning at Cor. No. 1 of the Maggie No. 23 lode	
	o guel.	Identical with Cor. No. 2 of the Maggie No. 17 lode of this survey, where I set	
		A basalt rock, 4x13x24 inches, 16 inches in the ground for Cor. No. 1, mkd. M23-1-4211; M17-2-4211; from which	
		A mound of rocks, 4 ft. base, 4 ft. high, bears southerly 4 ft.	
		The 1/4 Cor. between Secs. 29 and 30, T 12 N, R 13 W, G & S R Daw M, previously described, bears S 59° 15° W 697.8 ft.	
	to sher	thence S 89° 57' E	
Ţ	300.0	North end center, a mound of rocks, 3 ft. base, 3 feet kin high, agreeing with the north end center of the location	
	600.0	Cor. No. 2	
-	son pan	Identical with Cor. No. 1 of the Maggie No. 24 lode of this survey	
٩		thence S 0° 03' E	
Tall!	1500.0	Cor. No. 3	
	*	Identical with Cor. No. 3 of the Maggie No. 25 lode of this survey	
	12.0	thence E 89° 57° W	
	300.0	South end center, identical with the north end center of the Maggie No. 22 lode of this survey and agreeing with the south end center of the location	
	600.0	Cor. No. 4 shear, occurre , about energement a sen	
-	doler Processor	Identical with Cor. No. 2 of the Maggie No. 22 lode of	

1=-

24

feet	this survey 2 7 30 to 3 000 and 1
32 84 7	thence N 0° 03' W
1500.0	Cor. No. 1 and place of beginning.
lo staf	DI - WM PARIS - MAGGIE NO. 17 00 de 22 ' no 17 201
ic ceime dis palects	Beginning at Cor. No. 1 of the Maggie No. 17 lode, on line between Secs.29 and 30, T.12N R., 13 W., G & S.R.M. Identical with Cor. No. 1 of the Muroc No. 4 lode of this survey, where I set An iron pipe, 2 1/2 inches diameter, 4 feet long, 18 inches in the ground in a mound of rocks, for Cor. No. 1, an iron cap on top mkd. M17-1-4211; M4-1-4211; from which
10000	A mound of rocks, 3 ft. base, 3 ft. high, bears southeasterly 3 ft.
7.6 ebc	The 1/4 Cor. between Secs. 29 and 30, T 12 N, R 13 W, G & S R X X M, previously described; bears S 0 03 E 357.2 ft.
	thence S 89 57' E
300.0	North end center, a mound of rocks 3 ft. base, 3 ft. high agreeing with the north end center of the location
600.0	Cor. No. 2 () 1 . 12 () 2 C. W. S.
	Identical with Cor. No. 1 of the Maggie No. 23 lode of this survey
	thence S 0 03' E
1500:0	Cor. No. 3
	Identical with Cor. No. 2 of the Maggie No. 22 lode of this survey
	thence N 89° 57' W
300.0	
445.0	Cross gulch, 10 feet wide, course southerly
600.0	Cor. No. 4
	Identical with Cor. No. 2 of the Maggie No. 15 lode of this survey
lode of	thence N·0 03' W
1142.8	
1500.0	Cor. No. 1 and place of beginning.
	MUROC NO. 4
in aboi	Beginning at Cor. No. 1 of the Muroc No. 4 lode
	Identical with Cor. No. 1 of the Maggie No. 17 lode of this survey

61	
25	
지원	MINERAL SURVEY NO. 4211 - Arizona 2
feet	thence S 0° 03' E
357.2	Sec. The 1/4 Cor. between Secs. 29 and 30, T 12 N, R 13 W, G. & S. R. Box M.
1500.0	Cor. No. 2 PRINCE AND BURE TO BUS IN 102 9.000E
	Identical with Cor. No. 2 of the Maggie No. 15 lode of this survey
is, on line	thence S 89° 59 W
300.0	South end center, identical with the north end center of the Maggie No. 14 lode of this survey, and agreeing with the south end center of the location
600.0	· Cor. No. 3
3759	Identical with Cor. No. 3 of the Maggie No. 14 lode of
	thence N 0 03 W
1500.0	Cor. No. 4
	Identical with Cor. No. 1 of the Muroc No. 3 lode of this survey, where I set
f., at to	A basalt rock, 7x12x25 inches, 16 inches in the ground for Cor. No. 4, mkd. M4-4-4211; M3-1-4211; from which
	A mound of rocks, 3 ft. base, 3 ft. high, bears southerly 3.5 ft.
Tans of	thence N 89° 59' E
300.00	North end center, a mound of rocks, 3 ft. base, 3 ft. high, agreeing with the north end center of the location
600.0	Cor. No. 1 and place of beginning.
Tool of	MUROC NO. 3
	Beginning at Cor. No. 1 of the Muroc No. 3 lode
In Katusa	the strength of the strength and the strength of the strength
uv k ggisa	Identical with Cor. No. 4 of the Muroc No. 4 lode of this survey; from which
	The 1/4 Cor. between Secs. 29 and 30, T 12 N, R 13 W, previously described, bears S 59 16' E 698.5 ft.
	thence S 0° 03' E
1500.0	Cor. No. 2
	Identical with Cor. No. 3 of the Maggie No. 14 lode of this survey
5 9 ,W 8.5	thence S 89 59 W
300.0	South end center, identical with the north end center of the Maggie No. 13 lode and agreeing with the south end center of the location
600.0	Cor. No. 3
to obs.	Identical with Cor. No. 3 of the Maggie No. 13 lode of this survey
	thence N 0° 03' W

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		MINERAL SURVEY NO. 4211 - AFIZORA	
	feet	The state of the s	
		MUROC NO. 1 , de ,	
3.	ar to mi	Beginning at Cor. No. 1 of the Muroc No. 1 lode	
	if mot	Identical with Cor. No. 2 of the Maggie No. 7-A lode of this survey, from which Sec. The 1/4 Cor. between Secs. 30 and 31, T 12 N, R 13 W, G & S R *** M; previously described, bears S 9 06 W 1519.2 ft. dist.	
		thence N 0° 03! W	
(g)	1500.0	Cor. No. 2 , sales to person a justice for the first of 000	
		Identical with Cor. No. 4 of the Muroc lode of this survey, where I set	
		A basalt rock, 7x9x25 inches, 16 inches in the ground, for Cor. No. 2, mkd. M1-2-4211; M-4-4211; from which	
	# 10 d	A mound of rocks, 3 ft. base, 4 ft. high, bears southerly 4 ft.	
		thence N 89° 59 E	
	300.0	North end center, a mound of rocks, 3 ft. base, 3 ft. high, agreeing with the north end center of the location	
	600.0	Cor. No. 3	
	is obe.	Identical with Cor. No. 4 of the Muroc No. 2 lode of this survey	
		thence S 0° 03' E	
	1500.0	Cor. No. 4	
19	ine sala	Identical with Cor. No. 2 of the Maggie No. 31 lode of this survey I thence S 89° 59' W	
	300.0	South end center, identical with the north end center of the Maggie No. 7-A lode of this survey, and agreeing with the south end center of the location	
	600.0	Cor. No. 1 and place of the beginning.	
	switch e	To a figure of the MUROC . The first track the first track that the first track that the first track track that the first track trac	
	one ai	Beginning at Cor. No. 1 of the Muroc lode	
48	111: 120	- Identical with Cor. No. 21 of the Maggie No.7-A lode of this survey	
_	force with	thence S 89, 59 W	
	300.0	South end center, identical with the north end center of the Maggie No. 6 lode of this survey and aggreeing with the south end center of the location	
44.0	600.0	Cor. No. 72 I Core was not have out have a trace of the series	
		Identical with Cor. No. 3 of the Maggie No., 6 lode of this survey	3

feet

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E '80

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7 3 60

W 120

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LODE LINES , about the lines

The presumed course of the vein of each of the several lode locations embraced in this survey, counted from the tespective points of discovery, is as follows:-

Rudy lode, S 0 03' E 500 ft., and, N 0 03' W 1000 ft.

Rudy No. 1 lode, S 0° 03' E 380 ft., and, N 0° 03' W

Mesa lode, N 0°03' W 750 ft., and, S'0°03' E 750 ft.

Mesa No. 1 lode, N 0 03' W 750 ft., and, S 0 03' E 750 ft.

Mesa No. 2'lode, N 0' 03' W'750 ft., and, Sr0' 03' E 750 ft.

Mesa'No. 3 lode, N 0' 03' W 750 ft., and, S 0' 03' E 750 ft.

Mesa No. 4'lode, No 03' W 750 ft., and, S 0 03' E 750 ft.

Mesa No. 5 lode, N 0' 03' W 750 ft., and S 0' 03' E _750 ft. obel stoll , bis date

Maggie No. 12 lode, S 0 038 E 330 ft., and N 0 03' W 1170 ft.

Maggie No. 16 lode, N'0° 03' W 50 ft., and, S 0° 03' E 1450 ft. abal

Maggie No. 9 lode, N 0 03' W 22 ft., and, S 0 03' E 1478 ft.

Maggie No. 7 lode, No 03' W 100 ft., and So 03' E 1400 ft. abol yauf, face

Maggie No. 8-lode, N 0 03' W 100 ft., and, S 0 03' E 1400 ft.

Maggie No. 26 lode, N 0 03' W 650, ft., and, S 0 038 E

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	Maggie No. 27 lode, S 0 03' E 250 ft., and, N 0 03' W 1250 ft.
	Maggie No. 25 lode, N 0 03' W 100 ft., and, S 0 03' E 1400 ft.
The state of the s	Maggie No. 22 Tode, N 0 03' W 100 ft., and S 0 03' E 1400 ft.
THE PERSON NAMED IN	Maggie No. 15 lode, N 0 03' W 95 ft., and S 0 03' E 1405 ft.
	Maggie No. 14 lode, S 0 03' E 400 ft., and, N 0 03' W
	Maggie No. 13 lode, S 0 03' E 570 ft., and, N 0 03' W 930 ft.
	Maggie No. 31 lode, S 0° 03 E 480 ft., and, N 0° 03 W 1020 ft.
	Maggie No. 7-A lode, S 0 03' E 360 ft., and, N 0 03' W 1140 ft.
	Maggie No. 6 lode, S 0° 03' E 400 ft. and, N 0° 03' W
	Maggie No. 24 lode, S 0 03' E 120 ft., and N 0 03' W 1380 ft.
	Maggie No. 23 lode, S 0° 03' E 100 ft., and N 0° 03' W
	Maggie No. 17 lode, S'0 03' E 100 ft., and N 0 03' W 1400 ft.
	Muroc No. 4 lode, S 0 03' E 160 ft., and, N 0 03' W
7	Muroc No. 3 lode, S 0, 03' E 100 ft., and N 0 03' W
3	Muroc No. 2 lode, S 0, 03' E 10 ft., and, N 0 03' W
	Muroc No. 1 lode, S 0, 03' E 450 ft., and, N 0 03' W
	Muroc lode, S 0 03' E 150 ft., and, N 0 03' W 1350 ft.
	AREAS , so to to to acres
	Total Area, Mesa lode 20.661
	Total Area, Mesa No. 1 lode 20.661
	Total area, Mesa No. 2 lode 20.661
	Total area, Mesa No. 3 lode 20.661
	Total area, Mesa No. 4 lode 20.661
	Total area, Mesa No. 5 lode 20.661
	Total area, Rudy lode 20.661
	Total area, Rudy No. 1 lode 20.661
	Total Area, Maggie No. 6 lode 20.661
1	

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EC BOOK

No. 1.

Seres

	acres
Total area, Maggie No. 7-A lode	20.661
Total area, Maggie No. 8 lode	20.661
Total area, Maggie No. 9 lode	20.661
Toatl area, Maggie No. 12 lode	20.661
Total area, Maggie No. 13 lode	20.661
Total area, Maggie No. 14 lode	20.661
Total area, Maggie No. 15 lode	20.661
Total area, Maggie No. 16 lode	20.661
Total area, Maggie No. 17 lode	20-661
Total area, Maggie No. 22 lode	20.661
Total area, Maggie No. 23 lode	20.661
Total area, Maggie No. 24 lode	20.661
Total area, Maggie No. 25 lode	20.661
Total area, Maggie No. 31 lode	20.661
Total area, Muroc lode	20.661
Total area, Muroc No. 1 lode	20,661
Total area, Muroc No. 2 lode	20.661
Total area, Muroc No. 3 lode	20,661
Total area; Muroc No. 4 lode	20.661
Total area, Maggie No. 26 lode	20.661
Total area, Maggie No. 27 lode	20.661

LOCATION TO TO THE PROPERTY OF THE PARTY OF

This survey is located in the W 1/2 of Sec. 29, in Sec. 30 and Sec. 31, T 12 N, R 13 W, G & S R BXX M, Ariz-

The survey of each of the lode locations of this survey is identical with the respective location as marked on the ground.

EXPENDITURE OF \$500

I certify that 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 is not less than \$500, and that said improvements consist of:-

The discovery cut of the Rudy lode, the face of which being the discovery point, is on the center line 500 ft. from the south end center; 4 ft. wide, 4 ft. face, running North 11 ft. to face., at face is shaft 4x7 ft. 4 ft. deep Value \$50.

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The discovery cut of the Maggie No. 7 lode, the face of

which being the discovery point is on the center line

t 9 5 5 5 5

No. 1

		CERTIFICATION OF THE PROPERTY
	obiv.v	100 ft. from the north end center; 4 ft. wide, 10 ft. face, running South 15 ft. to face Value \$60
	No. 2	A tunnel, the mouth of which bears S 15 42 E 168 ft. from Cor. No. 1 of the Maggle No. 7 lode; 4x6 ft., running South 185 ft. to breast; at breast is winze, 4x6 ft. 11 ft. deep Value of tunnel and Winze \$2200
	f 710 ft. Liede; to lace	(Note: - the value of this tunnel and winze is included in a common improvement description further on in the notes)
,	No. 3	An open cut, the mouth of which bears S 48 30' E 72 ft. from the north end center of the Maggie No. 7 lode; 4 ft. fame wide, 10 ft. face, running South 18 ft. to face Value \$75
	No. 1	The discovery cut of the Maggie No. 8 lode, the face of which being the discovery point is on the center line 100 ft. from the north end center; 4 ft. wdde, 10 ft. face, running NORTH.12 ft. to face Value \$50
	No. 2	An 'open cut, the mouth of which bears S 9 08 W-133 ft. from Cor. No. 1 of the Maggie No. 8 lode; 3 ft. wide, 8 ft. face, running south 12 ft. to face, at face is a second open cut, 3 ft. wide, 4 ft. face, running South 10 ft. to face. Value \$50
	No. 1	The discovery cut of the Maggie No. 26 lode, the face of which being the discovery point is on the center line 650 ft. from the north end center; 4 ft. wide, 10 ft. face, running North 12 ft. to face Value \$50
	No. 1	The discovery cut of the Maggie No. 27 lode, the face of which being the discovery point is on the center line 250 ft. from the south end center; 4 ft. wide, 10 ft. face, running North 12 ft. to face Value \$50
	No. 1	The discovery cut of the Maggie No. 25 lode, the face of which being the discovery point is on the center line 100 ft. from the north end center; 4 ft. wide, 10 ft. face, running South 12 ft. to face Value \$50
T. C.	No. 1	The discovery shaft of the Maggie No. 22 lode, the center of which being the discovery point is on the center line 100 ft. from the north end center; 4x6 ft., 8 ft. deep Value \$50
	No. 2	A shaft, the center of which bears S 24 W 150 ft. from the north end center; 4x6 ft., 8 ft. deep Value \$50
C. C.	No. 1	The discovery cut of the Maggie No. 15 lode, the face of which being the discovery point is on the center line 95 ft. from the north end center; 4 ft. wide, 10 ft. face, running N 80° E 12 ft. to face Value \$50
0 0	No. 2	An open cut, the mouth of which bears S 34° 45° E 211 ft. from Cor. No. 2 of the Maggie No. 15 lode; 4 ft. wide, 10 ft. face, running N 80° E 12 ft. to face Value \$50
	No. 3	An open cut, the mouth of which bears S 3° 35' E 453 ft.

-		
п	re of ,	10 ft. face, running S 36 E 12 ft. to face Value 550
		The discovery cut of the Maggie No. 14 lode, the face of which being the discovery point is on the center line 400 ft. from the south end center; 4 ft. wide, 10 ft. face, running South 12 ft. to face Value \$50
	No. 2	An open cut, the mouth of which bears N 0° 03; W 710 ft. from the south end center of the Maggie No. 14 lode; 4 ft. wide, 8 ft. face, running South 10 ft. to face Value 40
	No. 3	An open cut, the mouth of which bears N 19 10' W 794 ft. from Cor. No. 'l of the Maggie No. 14 lode; 4 ft. wide, 10 ft. facen running North 12 ft. to face Value \$40
	No. 4.	An open cut; the mouth of which bears S 0° 03' E 418 ft. from Cor. No. 4 of the Maggie No. 14 lode; 4 ft. wide, 8 ft. face, running N 36' W 14 ft. to face Value 550
100	No. 1	The discovery cut of the Maggie No. 13 lode, the face of which being the discovery point is on the center line 570 ft. from the south end center; 4 ft. wide, 9 ft. face, running North 12 ft. to face; at face of cut is tunnel 4x6 ft. running North 20 ft. to breast Value of cut \$50 Value of tunnel \$200
	ter line	(Note: - the value of this improvement has been included in the Common Improvements)
1	No. 2	An open cut, the mouth of which bears N 11 12 E 608 ft. from Cor. No. 2 of the Maggie No. 13 lode; 5 ft. wide, 10 ft. face, running N 60 E 12 ft. to face Value \$60
	No. 1	The discovery cut of the Maggie No. 31 lode, the face of which being the discovery point is on the center line 480 ft. from the south end center; 4 ft. wide, 10 ft. face, running North 15 ft. to face Value \$65
	No. 2	The open cut; ythe mouth of which bears S 75° 42° W 112 ft. from the north end center of the Maggie No. 31 lode; 4 ft. wide, 6 ft. face, running N 70° W 14 ft. to face Value \$35
4	No. 1:	The discovery cut of the Maggie No. 7-A lode, the face of which being the discovery point is on the center line 360 ft. from the south end center; 4 ft. wide, 8 ft. face, running N 15° w 12 ft. to face; at face of cut is
	eri ei	tunnel 4x6 ft., running N 15° W 20 ft. to breast Value of cut \$40 Value of tunnel \$200
0	o obstao onili toi	(Note: The value of this improvement has been included in the Common Improvements)
	No. 2	An open cut, the mouth of which bears N 33° 21' W 288 ft. from Cor. No. 4 of the Maggie No. 7-A lode; 4 ft. wide, 10 ft. face, running N 70° W 12 ft. to face Value \$50
3	No. 3	from Cor. No. 4 of the Maggie No. 7-A lode; 5 ft. wide, 8 ft. face, running N 60 W 10 ft. to face
P	#1 UGA H	value \$40 nation and the same a

	No. 1	The discovery cut of the Maggie No. 6 lode, the face of which being the discovery point, bears from south end center on center line 400 ft.; 4 ft. wide, 10 ft. face, running North 12 ft. to face Value \$50	
22		The same of the sa	
	No. 2	An open cut, the mouth of which bears N 33 32 E 267 ft. from the south end center of the Maggie No. 6 lode; 4 ft. wide, 8 ft. face, running north 12 ft. to face Value \$40	
	to Tes	Seo sel selle sell	
de	No. 3	A tunnel, the mouth of which bears N 28° 05' E 281 ft. from the south end center of the Maggie No. 6 lode; '4x6 ft., running North 17 ft. to point; thence 4x6 ft. running N 30° W 45 ft. to breast	
0 72	888 W 1	The Tarical Value \$620- mon water, were designed to out	
0.53	g .	(Note the value of this tunnel has been included in the Common Improvements)	
9.0	No. 1	The discovery cut of the Maggie No. 24 lode, the face of which being the discovery point is on the center line 120 ft. from the south end center; 4 ft. wide, 10 ft. face, running North 12 ft. to face	
0	ar ar da	Value \$50	
	No. 1	The discovery shaft of the Maggie No. 23 lode, the center of which being the discovery point is on the the center line 100 ft. from the south end center; 4x6 ft., 8 ft.	
	des of t	deep to Value \$50 of the but he was	
	rough and	de la	
III a	No. 1	The discovery shaft of the Maggie No. 17 lode, the center	
	radi .a	of which being the discovery point is on the center	
	les List	line 100 ft. from the south end center; 4x6 ft., 8 ft. deep	
MAN A	demeronen	Value \$50 mi constant Tall a bins	H
a	and the second second	An open cut, the mouth of which bears N 27 45' W 132 ft.	
di	Bis bos	from the south end center of the Maggie No. 17 lode; 4 ft. wide, 6 ft. face, running East 12 ft. to face Value \$30	
	arefile L. Sa	domain to discon an information of religious interest	
bo	No. 3	A shaft, the center of which bears N 0 03 W 280 ft. from the south end center of the Maggie No. 17 lode; 4x6 ft., 3 ft. deep Value \$15	
7 DO L	7 27 2 3	Value \$15	
	No. 1	The discovery shaft of the Muroc No. 4 lode, the center of	
70	lode .		
,	No. 1	The discovery shaft of the Muroc No. 3 lode, the center of which being the discovery point is on the center line 100 ft. from the south end center; 4x6 ft., 8 ft.	
	shq. T.	deep Value \$50	
1.0	No. 2	A shaft, the center of which bears N. 35 45 W. 120 ft. from the south end center of the Muroc No. 3 lode;	
i i	wet at	4x6 ft.; 8 ft. deep value \$50	
36	No. 1	The discovery shaft of the Muroc No. 2 lode, the center	
7	15 lede.	of which being the discovery point is on the center line 10 ft. from the south end center; 4x6 ft., 8 ft.	
		Value \$50 geografies and set of	
10.	No. 1	The discovery cut of the Muroc No lode, the face of which being the discovery point is on the center line	
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one J. Sec.

450 ft. from the south end center; 4 ft. wide, 10ft. face, running East 12 ft. to face Value \$50

No. 2 A trench, the east end of which bears N 69° 25' W 82 ft. from the south end center of the Muroc No. 1 lode; 2x4 ft., running West 10 ft. resol

Value \$20

- The discovery shaft of the Muroc lode, the center of No. 1 which being the discovery point is on the center line 150 ft. from the south end center; 4x6 ft., 8 ft. deep Value \$50
- An open cut, the mouth of which bears N 16 34' W 258 ft. No. 2 from the south end center of the Muroc lode; 4 ft. wide 6 ft. face, running North 12 ft. to face Value \$30

The oredeposit covered by these claims is a large blanket deposit of low-grade manganese ore. The blanket deposit consists of sveral horizontal beds one below the other. The main exposure occurs in the walls of the deep canyon that crosses from east to west about in the center of the group. Much time and money has heen spent in developing a metallurgical process to successfully recover the low-grade values. For this reason the main development work has been in tunnels on the sides of the canyon and in drill holes. The drill holes have proven that these beds are continuous and underlie the most of the property. The improvements on this group have been concentrated in the tunnels and the drill holes. Therefore the value of the tunnels and the drill holes listed below have been considered and are a common improvement system and a 1/31 interest in the total value of these imcomprising this group. See topographic map herewith:

> All of the drill holes are diamond drill holes and start on the surface with a diameter of 4 inches, gradually becoming smaller in diameter as depth is reached. The cores and sludges of each hole ware carefully sampled and the manganese content obtained.

improvement no.2 on the Maggie No.12 lode, Diamond Drill hole, the center of which bears S 5 36 W 532 ft. from Cor. No. 1 of the Maggie No. 12 lode 406 ft. deep

improvement No.2 on the Mesa No.1 lode.
Diamond Drill hole, / the center of which bears S 27 '02'
W 314 ft. from Cor. No. 4 of the Mesa No. 1 lode 258 ft. deep

improvement No.2 on the Maggie No.9 lode.
Diamond Drill hole, the center of which bears S 22 03 w
485 ft. from Cor. No. 2 of the Maggie No. 9 lode, 220 ft. deep

improvement No.4 on the Maggie No.7 lode.
Diamond Drill hole, the center of which bears N 25 00' E
293 ft. from Cor. No. 4 of the Maggie No. 7 lode, 288

improvement No.2 on the Maggie No.16 lode, Diamond Drill hole, the center of which bears N 16 17' E 540 ft. from Cor. No. 3 of the Maggie No. 16 lode, 233 ft. deep

improvement No.3 on the Maggie No.13 lode, Diamond Drill hole, the center of which bears N 45° 00' E 32 ft. from the south end center of the Maggie NO. 13 lode, 227 ft. deep

improvement No.4 on the Maggie No.15 lode Diamond drill hole, the center of which bears N 6 43' W

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524 ft. from Cor. No. 4 of the Maggie No. 15 lode, 180 ft. deep Total depth of drill holes 1812 ft.

Total Value of common improvements - - - \$18,160

Value of a 1/31 interest \$585.80 (Insert #)

ADJOINING CLAIMS

North

Minnesota No. 5, Minnesota No. 6, Minnesota No. 7 and Minnesota No. 11, all unsurveyed. M. C. Lake, Claimant lodes,

East

Minaesota No. 3 and Minnesota No. 4, both unsurveyed.
M. C. Lake, Claimant.

The 6300 ft. of road on these claims was built to facilitate the hauling in of the diamond drills and other equipment necessary for the drilling of the diamond drill holes. Before the construction of this road, the surface of these claims was inaccessible for the use of machinery. The sole purpose of the road was to make this portion of the property accessible to a planned campaign of drilling.

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FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed	by Ralph L. Motz
United States Mineral Surveyor, to assist in runni	ng, measuring, and marking the lines, corners, and
boundaries described in the foregoing field notes of ganese Corporation, known as the Maggie No. 7-A, Maggie No. 9, Maggie No. 14, Maggie No. 15, Maggie No. 14, Maggie No. 24, Maggie No.	the survey of the mining claim of Arizona Managgie No. 6, Maggie No. 7, Maggie No. 12, Maggie No. 13, Maggie No. 16, Maggie No. 17, Maggie No. 22, ie No. 25, Maggie No. 26, Maggie No. 1, Mesa No. 2, Mesa No. 3, Muroc No. 4 acted.
	George Erickson , Chainman.
	, Chainman.
	, Aaman,
	, Flagman.
FINAL OATHS C	F ASSISTANTS
WXX I. George Erickson	
and, do se	
, United Stat es Mine	
the boundaries of the mining claim of Maggie No. Naggie No. 9, Maggie Naggie No. 15, Maggie No. 16, Maggie No. 24. Maggie No. 25. Naggie No.	Manganese Corporation, known as the o. 6, Maggie No. 7, Maggie No. 7-A, No. 12, Maggie No. 13, Maggie No. 14 te No. 17, Maggie No. 22, Maggie No. 14 te No. 17, Maggie No. 27, Maggie No. 26, Maggie No. 27, Maggie 2, Mesa No. 3, Mesa No. 4, Mesa No. Muroc No. 3, Muroc No. 4, Rudy and ten surveyed by said mineral surveyor and under his
and correctly executed, and the corner and boundary me	
tions furnished by the Office Cadastral Engineer, at	in ge Enchson, Chainman.
	, Chainman.
	, Awman.
	, Flagman
Subscribed and sworn to by the a	bove-named persons before me this 8th
day ofMarch	, 19 38.
	mierchen)
	Notary Public, in and for the unty of Cochise. State of Arizona.

FINAL OATH OF U.S. MINERAL SURVEYOR

I, Ralph L. Motz U.S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona , dated February 12, 1938
I have, in strict conformity to the laws of the United States, the official regulations
and instructions thereunder, and the instructions of said Office Cadastral Engineer,
faithfully and correctly executed the survey of the mining claim of Arizona Manganese Corporation, known as the Maggie No. 6, Maggie No. 7, Maggie No. 7-A, Maggie No. 8, Maggie No. 9, Maggie No. 12, Maggie No. 13, Maggie No. 14he Maggie No. 15, Maggie No. 16, Maggie No. 17, Maggie No. 22, Maggie No. 23, Maggie No. 24, Maggie No. 25, Maggie No. 26, Maggie No. 27, Mesa, Mesa No. 1, Mesa No. 2, Mesa No. 3, Mesa No. 4, Mesa No. 5, Muroc, Muroc No. 1, Muroc No. 2, Muroc No. 3, Muroc No. 4, Rudy and Rudy No. 1 lodes situate in Owens
Mohave County, Arizona , in Section S
29,30,31 , Township No. 12 N. , Range No. 13 W. G&SRD&M
and designated as Survey No. 4211 , as represented
in the foregoing field notes, which accurately show the boundaries of said mining claim
as distinctly marked by monuments on the ground, and described in the attached copy of
the location certificate, which was received by me from the Office Cadastral Engineer
with said instructions, and that all corners of said survey have been established and
perpetuated in strict accordance with the law, official regulations and instructions
thereunder; and I do further solemnly swear that the foregoing are the true and original
field notes of said survey and my report therein, and that the labor expended and im-
provements made upon said mining claim by claimant or
grantors are as therein fully stated, and that the character, extent, location, and
itemized value thereof are specified therein with particularity and full detail, and
that no portion of said labor or improvements so credited to this claim has been in-
cluded in the estimate of expenditures upon any other claim.
Tayoh Monoral Surveyor)
Subscribed and sworn to by the said Ralph L. Motz
U. S. Mineral Surveyor, before me W. H. Micscher, Notary Public
this 7th
day of March 19 38 Notary Public, in and for the County of Cochise, State of Arizona.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona
Apr.il 8, 19_38
I, Office Cadastral Engineer , at Phoenix, Arizona
do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey
of the mining claim of Arizona Manganese Corporation, known as the Maggie No.0, Maggie No.7, Maggie No.7-A, Maggie No.0, Maggie No.9, Maggie No.12, Maggie No.13, Maggie No.14, Maggie No. 15, Maggie No.16, Maggie No.17, Maggie No.22, Maggie No.23, Maggie No. 24, Maggie No.25, Maggie No.26, Maggie No.27, Maggie No.31, Mesa, Mesa No.1, Mesa No.2, Mesa No.3, Mesa No.4, Mesa No.5, Muroc, Muroc No.1, Muroc No.2, Muroc No.3, Muroc No.4, Rudy, and Rudy Ho.1 ledes, situate in Owens
Mining District County Arizona
in Section 29, 30, 3, Township No. 12 No., Range No. 13 Wo. G & SRM., and
designated as Survey No. 4211, has been correctly copied from the originals on file in
this office; that said Field Notes furnish such an accurate description of said mining claim as will, if
incorporated into a patent, serve fully to identify the premises, and that such reference is made therein
to natural objects or permanent monuments as will perpetuate and fix the locus thereof.
I further certify that Five Hundred Dollars worth of labor has been expended or improvements
made upon, or for the benefit of, each location embraced in said mining claim by claimant
or grantors,
grantors,
and that said improvements consist of 37 Guts, 16 shafts, 4 tunnels, 1 trench, 1 winze, 7 drill holes and 6300 ft. of road, total value \$20,480.
and that said improvements consist of 37 cuts, 16 shafts, 4 tunnels, 1 trench,
and that said improvements consist of 37 cuts, 16 shafts, 4 tunnels, 1 trench, 1 winze, 7 drill holes and 6300 ft. of road, total value \$20,480.
and that said improvements consist of 37 cuts, 16 shafts, 4 tunnels, 1 trench, 1 winze, 7 drill holes and 6300 ft. of road, total value \$20,480. Improvement No.2 on the Maggie No.7 lode, improvement No.2 on the
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and that said improvements consist of 37 cuts, 16 shafts, 4 tunnels, 1 trench, 1 winze, 7 drill holes and 6300 ft. of road, total value \$20,480. Improvement No.2 on the Maggie No.7 lode, improvement No.2 on the Maggie No.13 lode, improvement No.1 on the Maggie No.7-A lode, improvement No.3 on the Maggie No.6 lode, together with the 7 drill
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and that said improvements consist of 37 cuts, 16 shafts, 4 tunnels, 1 trench, 1 winze, 7 drill holes and 6300 ft. of road, total value \$20,480. Improvement No.2 on the Maggie No.7 lode, improvement No.2 on the Maggie No.13 lode, improvement No.1 on the Maggie No.7-A lode, improvement No.3 on the Maggie No.6 lode, together with the 7 drill holes and 6300 ft. of road to the drill holes, form a system of common improvements for the benefit and development of the entire group, and a 1-31st interest in the value of such system, \$585.80, is properly credited to each claim in the group.
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and that said improvements consist of 37 cuts, 16 shafts, 4 tunnels, 1 trench, 1 winze, 7 drill holes and 6300 ft. of road, total value \$20,480. Improvement No.2 on the Maggie No.7 lode, improvement No.2 on the Maggie No.13 lode, improvement No.1 on the Maggie No.7-A lode, improvement No.3 on the Maggie No.6 lode, together with the 7 drill holes and 6300 ft. of road to the drill holes, form a system of common improvements for the benefit and development of the entire group, and a 1-31st interest in the value of such system, \$585.80, is properly credited to each claim in the group. If urther certify that the plat thereof, filed in the U.S. Land Office at Phoenix,

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR PUBLIC SURVEY OFFICE

At Phoenix, Arizona
April 8, 19 38
I, Office Cadastral Engineer at Phoenix, Arizona
do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of Arizona Manganese Corporation, known as the Maggie No. 6, Maggie No. 7, Maggie No. 7-A, Maggie No. 8, Maggie No. 9, Maggie No. 12, Maggie No. 13, Maggie No. 14, Maggie No. 15, Maggie No. 16, Maggie No. 17, Maggie No. 22, Maggie No. 23, Maggie No. 24, Maggie No. 25, Maggie No. 26, Maggie No. 27, Maggie No. 31, Mesa, Mesa No. 1, Mesa No. 1, Mesa No. 3, Mesa No. 4, Mesa No. 5, Muroc, Muroc No. 1, Muroc No. 2, Muroc No. 3, Muroc No. 4, Rudy, and Rudy No. 1 lodes,
situate in mining district,
Mohave County, Arizona
n Sections 29,30,31 , Township No. 12 N. , Range No. 13 W., G & SRM
, designated as Survey No4211
executed by, IXXX Mineral
Surveyor, February 14 - March 1 , 1938, under my instructions dated
February 12 , 1938, have been critically examined and the necessary
corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,
are hereby approved. The certified copy of the location certificate filed by the applicant for survey is
on file in this office and a true copy of said certified copy of said location certificate is included and
nade a part of the transcript of the field notes.
Sherman & Fiske Office Cadastral Engineer.
GOVERNMENT PRINTING OFFICE 6-7181

Feet	SUPPLEMENTAL FIELD NOTES
	of
	MINERAL SURVEY NO. 4211.
	Beginning at Cor. No.2 of the Maggie No.24 lode, thence, along
	line 2.3 said lode,
	s. 0° 03° x.
357.72	to intersect the south boundary of the SE Web Sec. 29, T. 12 N., R. 13 W., thence, along said south boundary,
	N. 89° 56° W.
479.66	to the S.W. Cor. of said SE NW, thence, along the west boundary of said SE NW.
1	N. 0° 03° W.
357.58	to its intersection with line 1-2 of the Maggie No. 24 lode, thence along said line 1-2
	s. 89° 57° R.
479.66	to the place of beginning, containing 3.938 acres.
	DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE

DEPARTMENT OF THE INTERIOR

GENERAL LAND OFFICE

Public Survey Office

Phoenix, Arizona,

April 20, 1943.

I hereby certify that the above supplemental field notes correctly describe that portion of the Maggie No.24 lode, of Mineral Survey No. 4211, in conflict with the SEA NWA Sec. 29, T. 12 N., R. 13 W., G. & S.R.M., Arizona, as determined from the records of this office, and that the plats of Mineral Survey No. 4211, on file in this office, the District Land Office, Phoenix, Arizona, and the General Land Office, have been amended in distinctive colored ink to correctly show such conflict. Reference is made to memorandum "N" of April 10, (Phoenix 078721), from the Acting Commissioner of the General Land Office

E. a. Thompson
Acting Office Cadastral Engineer

U. S. GOVERNMENT PRINTING OFFICE 6-8155