

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISIONAL LINES,

LOT NOS. 107 AND 167,

PORTIONS OF MINERAL SURVEY NOS.

3350, 3351, 3411, 3434, 3483, 3484, 3505, 3507, 3508, 4327, 4925,

AND

THE SUBDIVISION OF SECTION 28,

IN

TOWNSHIP 5 SOUTH, RANGE 4 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Matthew J. Kurchinski
Cadastral Surveyor

Under Special Instructions dated **October 18, 2013**, approved **October 18, 2013**, which provided for the surveys included under Group Number **1242**, and Assignment Instructions dated **October 18, 2013**.

Survey Commenced, **October 18, 2013**
Survey Completed, **June 9, 2014**

INDEX DIAGRAM

TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

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TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, Lot Nos. 107 and 167, Mineral Survey Nos. 3350, 3351, 3411, 3434, 3483, 3484, 3505, 3507, 3508, 4327, 4925, and the subdivision of section 28, in T. 5 S., R. 4 W., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY (First Standard Parallel South)			
Portion	C.L. Craig	1856	
Portion			E.W. Koeber 1886
All	R. Gentry	1926-31	R. Gentry 1926-31
EAST BOUNDARY			
All	R. Gentry	1926-31	
Portion			R.K. Batty 2010-12
WEST BOUNDARY (Rush Valley Guide Meridian)			
All	C.L. Craig	1856	
Portion			G.V.M. Boutelle 1872
All			E. W. Kober 1886
All			R. Gentry 1926-31
			D.T. Gillins 2009-10
NORTH BOUNDARY			
Portion	C.L. Craig	1856	
Portion	A.J. Stewart, Jr.	1896	
All			R. Gentry 1926-31
SUBDIVISION			
Portion	C.L. Craig	1856	
Portion			G.V.M. Boutelle 1872
Portion	W. Bredemeyer	1875	W. Bredemeyer 1875
All			R. Gentry 1926-31
Portion			R.K. Batty 2010-12
MINERAL SURVEYS - OPHIR MINING DISTRICT (Lodes)			
Lot 107 Northern Light Lode	O. Palmer	1876	
Lot 167 Lakes of Killarney Lode	E. Wilkes	1887	
3350 Snap Lode	A. Jessen	1897	
3351 Snap No. 2 Lode	A. Jessen	1897	
3411 Solo Lode	A. Jessen	1897	
3434 St. John Lode	A. Jessen	1897	
3483 Aurora Lode	A. Jessen	1897	
3484 Rosina Lode	A. Jessen	1897	
3505 Ophir Mine Lode	C. Brooks	1897	
3507 Ophir No. 4 Lode	C. Brooks	1897	
3508 Ophir No. 2 Lode	C. Brooks	1897	
4327 Nyanza Lode	C. Herman	1900	
4925 Irene Lode	C. Herman	1902	

TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

PRIVATE SURVEYS

A survey of portions of sections 28 and 29, represented on the "RECORD OF SURVEY PLAT FOR GEORGE MILLER" was made by Nolan C. Hathcock, Utah Registered Professional Land Surveyor No. 166346, signed on April 26, 2002, and is on file at the Tooele County Recorder's Office as plat No. 2002-0014-01.

A survey of Mineral Survey No. 6306, Togo Lode, represented on the "RECORD OF SURVEY PLAT FOR GEORGE MILLER" was made by Nolan C. Hathcock, Utah Registered Professional Land Surveyor No. 166346, signed on October 3, 2002, and is on file at the Tooele County Recorder's Office as plat No. 2002-0032-01.

A retracement of Mineral Survey No. 4925, Irene Lode, represented on the "RECORD OF SURVEY PLAT FOR GEORGE MILLER" was made by Nolan C. Hathcock, Utah Registered Professional Land Surveyor No. 166346, signed on December 28, 2002, and is on file at the Tooele County Recorder's Office as plat No. 03-0009-01.

TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 2009, and the Special Instructions for Group No. 1242, dated October 18, 2013.

The direction of each line is with reference to the true meridian, determined by Global Positioning System (GPS) observations utilizing Real-Time Kinematic (RTK) techniques throughout the survey. The positional accuracy of this survey complies with the *Standards for the Positional Accuracy of Cadastral Surveys When Using Global Navigation Satellite Systems (GNSS)*, dated February 23, 2009. Trimble model R8-3 GPS receivers were used for field collection. Cadastral Automated Plat Drafting (CAPD) software was the primary software utilized for project calculations. All bearings are mean bearings. The distances are reported as horizontal measurement in chains. All lines not forming a closure were measured twice to preclude blunder.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data was thoroughly verified and only the true line field notes are given herein.

During the execution of this survey, fuels reduction activities ("bullhogging") were taking place within sections 16, 17, 20, 21, 22, 27, and 28.

The bearing trees described with the common name "cedar" in previous records are described as "juniper" within these field notes.

Geodetic control was derived from GPS static observations, post processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS): AF9633 RBUT RED BUTTE CORS ARP, AJ6822 SLCU SALT LAKE CITY CORS ARP, DH3864 P105 DELTAMUNI_UT2004 CORS ARP, DH7098 P086 KENNECOTT1UT2005 CORS ARP, and DL7737 P113 KNOLLSWESTUT2006 CORS ARP.

The geographic position of the section corner of sections 20, 21, 28, and 29, as determined by direct GPS static observations, post processed by the National Geodetic Survey, Online Positioning User Service (OPUS), is as follows:

Latitude: **40°21'49.833" N.**,
 Longitude: **112°18'33.634" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
 Network Accuracy = 0.100 meter at 95% confidence.

The geographic position of the section corner of sections 28, 29, 32, and 33, as determined by direct RTK methods from the geodetic control, is as follows:

Latitude: **40°20'56.558" N.**,
 Longitude: **112°18'30.946" W.** N.A.D. 83 (2011), EPOCH: 2010.00,
 Network Accuracy = 0.200 meter at 95% confidence.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 S., R. 4 W., Salt Lake Meridian, Utah

The Reestablishment of the Survey Executed by W. Bredemeyer in 1875,
and the Survey and Resurvey Executed by R. Gentry in 1926-31

Beginning at the corner of sections 28 and 33 only, monumented with an iron post, 2 inches diameter, firmly set, leaning slightly to the south, projecting 17 inches above the ground, with brass cap marked as described in the official field note record of the 1926-31 resurvey, from which

A juniper, 8 inches diameter, bears S. 53° W., 47 links distance, with scribe marks T5SR4WS33BT visible on an open blaze. (Record, 49 links)

A juniper, 7 inches diameter, bears N. 26° W., 21.6 links distance, with scribe marks BT visible on a partially healed blaze. (Record, 20 links)

Raise a mound of stone, 3 feet base, to top of brass cap.

Corner is located on southwest facing slope of a rocky, dry wash, drains N. 47° W.; juniper, pinon, and sagebrush.

From this corner, the closing corner of sections 27 and 34, monumented with an iron post, 2 inches diameter, firmly set in a mound of stone, 5 feet base, 2 feet high, to top of brass cap marked as described in the official field note record of the 1926-31 survey, bears S. 0°27.5' E., 0.519 chains distance. The two bearing tree accessories were not measured to, but were found alive with scribing visible.

N. 1°56.8' W., between sections 27 and 28.

20.308 Point for the S 1/16 section corner of section 28 only, determined latitudinally at midpoint position between the section corner of sections 28 and 33 only, and the 1/4 section corner of section 28 only.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 18 inches in the ground, to solid rock, in a mound of stone, 3 feet base, to top of aluminum cap marked

T5S R4W

S1/16
S28

2014

Deposit a magnet in a plastic case beneath the aluminum post.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH
CHAINS

Set a steel fence post alongside the aluminum post.

Corner is located on a rocky, west facing slope; thick juniper and pinon.

39.697 The 1/4 section corner of section 27 only, determined from the 1926-31 bearing tree,

A juniper, 8 inches diameter, bears N. 23 1/2° E., 286 links distance, with scribe marks 1/4S27BT visible on an open blaze. **NOTE:** Upon subsequent visit, this bearing tree was found to have been destroyed by fuels reduction activities. I perpetuate this accessory as described below.

At the corner point

Drive a railroad spike, flush with the paved surface of Ophir Canyon Road, bears N. 88° E. and S. 88° W.

From which

An aluminum rod, 3/4 inch diameter, 36 inches long, set 34 inches in the remains of the stump of the destroyed juniper bearing tree, for a reference monument, bears N. 23 1/2° E., 286 links distance, with an aluminum cap marked RM T5S R4W S27 188.8 FT. TO COR. 2014 and an arrow pointing to the corner.

And a new bearing object

A spike, 6 inches long, driven 3 inches into the west side of the base of a power pole, 11 inches diameter, with a yellow tag that reads PACIFICORP 113-05-04 #270401, bears S. 17°31.2' E., 143 links distance.

Corner is located 6 links south of the north edge of pavement of Ophir Canyon Road, at the entrance to the Ophir Cemetery.

N. 1°22.6' W., beginning new measurement.

0.918 The 1/4 section corner of section 28 only, monumented with an iron post, 1 inch diameter, 36 inches long, 6 inches below the ground, with brass cap marked as described in the official field note record of the 1926-31 resurvey. Driven above and alongside this corner was an unrecorded concrete form stake, 5/8 inch diameter, 18 inches long, projecting 1 inch above ground, with a yellow plastic cap marked ENSIGN ENG. LAND SURVEY, set by Dusty Bishop, Utah Registered Professional Land Surveyor No. 4938720.

At the corner point

Reset the 1926 iron post to project 6 inches above ground, in a small collar of stone.

From which

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
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CHAINS

A juniper, 11 inches diameter, bears N. 58°30' W., 131 links distance, with partial scribe marks BT visible on a mostly healed blaze.

Deposit a magnet in a plastic case beneath the iron post.

Set a steel fence post alongside the iron post.

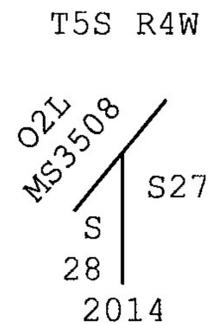
Remove the unrecorded concrete form stake from site.

Corner is located in a graded gravel area on the west side of the entrance road to the Ophir Cemetery.

N. 2°04.8' W., beginning new measurement.

10.722 Point of intersection with line 1-4, Ophir No. 2 lode, Mineral Survey No. 3508, hereinafter resurveyed.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

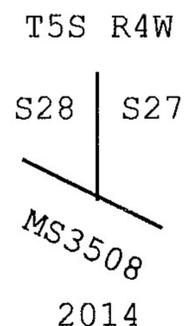
Set a steel fence post alongside the aluminum post.

Corner is located on a south facing slope; rocky soil; juniper and pinon.

Continue, across patented Mineral Survey No. 3508.

24.382 Point of intersection with line 3-4, Ophir No. 2 lode, Mineral Survey No. 3508, hereinafter resurveyed.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 8 inches in the ground, to solid rock, in a mound of stone, 5 feet base, to top of aluminum cap marked:



DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
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CHAINS

From which

A spike, 6 inches long, driven vertical into the root crown of a twin trunk pinon, both 8 inches diameter, bears S. $77^{\circ}53.9'$ E., 15.2 links distance.

A spike, 6 inches long, driven horizontal, with head of spike facing corner, into the base of a juniper, 20 inches diameter, bears N. $9^{\circ}25.7'$ W., 23.6 links distance.

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located 23 links west of a dry wash, drains south; thick juniper and pinon.

Leave patented Mineral Survey No. 3508.

39.175 The closing corner of sections 22 and 27, monumented with an iron post, 2 inches diameter, firmly set, in a mound of stone, 4 feet base, 1 foot high, to top of brass cap marked as described in the official field note record of the 1926-31 resurvey, from which

A pinon, 12 inches diameter, bears N. $37^{\circ}59.4'$ E., 102 links distance, marked T5SR4WS22BT on an open blaze.

A pinon, 12 inches diameter, bears S. $19^{\circ}47.4'$ E., 30.3 links distance, with illegible scribe marks visible on a partially healed blaze. (Record, S. $19^{\circ}15'$ E., 31 links)

Set a steel fence post alongside the iron post.

N. $0^{\circ}22.7'$ W., between sections 22 and 28.

1.342 The corner of sections 21 and 28 only, monumented with an iron post, 2 inches diameter, firmly set, in a mound of stone, 4 feet base, 1 foot high, to top of brass cap marked as described in the official field note record of the 1926-31 resurvey, with a wood post, 3 inches diameter, 36 inches long, no visible marks, set in the mound of stone alongside iron post, from which

A juniper, 14 inches diameter, bears S. $38^{\circ}02.3'$ W., 7 links distance, marked T5SR4WS28BT on a partially healed blaze. (Record, S. 38° W.)

A juniper, 7 inches diameter, bears N. $35^{\circ}52.4'$ W., 22.7 links distance, marked T5SR4WS21BT on an open blaze. (Record, N. 38° W., 22 links)

Set a steel fence post alongside the iron post.

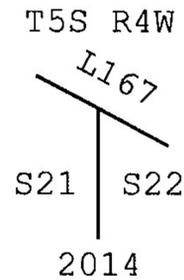
N. $0^{\circ}00.1'$ W., between sections 21 and 22.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
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CHAINS

- 11.240** Point of intersection with line 3-4, Lakes of Killarney lode, Lot No. 167, hereinafter resurveyed.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, in a small collar of stone, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

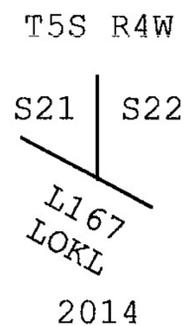
Set a steel fence post alongside the aluminum post.

Corner is located on a gentle west facing slope; shale soil; thick juniper to west, trees cleared to east.

Continue, across patented Lot No. 167.

- 21.840** Point of intersection with line 1-2, Lakes of Killarney lode, Lot No. 167, hereinafter resurveyed.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Raise small mound of stone on downhill side of aluminum post.

Corner is located on moderately steep southwest facing slope; rocky, clay soil; pinon and juniper.

Leave patented Lot No. 167.

- 38.581** The 1/4 section corner of section 22 only, monumented with a mound of stone, 4 feet base, 2 feet high. The original iron post, concrete filled, 36 inches long, 1 inch diameter, with brass cap marked as described in the official field note record of the 1926-31 resurvey, was found lying loose downhill.

At the corner point (center of mound)

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CHAINS

Reset the 1926-31 iron post, 6 inches in the ground to solid rock, in rebuilt mound of stone, 5 feet base, to top of brass cap, from which

A juniper, 7 inches diameter, bears N. $49^{\circ}44.7'$ E., 53.4 links distance, scribe marks S22B visible on a partially healed blaze. (Record, N. 30° E., 55 links)

Corner is located on a rocky, west facing slope, in a small clearing of juniper and pinon.

N. $0^{\circ}42.5'$ E., beginning new measurement.

1.398 The 1/4 section corner of section 21, monumented with an iron post, 1 inch diameter, firmly set, projecting 14 inches above ground, with brass cap marked as described in the official field note record of the 1926-31 resurvey, from which

A juniper, 11 inches diameter, bears S. $36^{\circ}50.3'$ W., 31.7 links distance, marked 1/4S21BT on a partially healed blaze. (Record, pinon, S. $36^{\circ}45'$ W., 34 links)

A pinon, 10 inches diameter, bears N. $58^{\circ}54.2'$ W., 33.8 links distance, with a fully healed blaze. (Record, juniper, N. $58^{\circ}15'$ W., 31 links)

Raise a mound of stone, 2 1/2 feet base, to top of brass cap.

Corner is located on a rocky, steep, west facing slope; grass, sagebrush, juniper, and pinon.

N. $0^{\circ}00.5'$ W., beginning new measurement.

37.806 The corner of sections 21 and 22 only, monumented with an iron post, 2 inches diameter, firmly set, projecting 18 inches above ground with brass cap marked as described in the official field note record of the 1926-31 survey, from which

A pinon, 15 inches diameter, bears N. $10^{\circ}05.4'$ E., 46.6 links distance, with illegible scribes visible on a mostly healed blaze. The blaze faces northwest. (No record)

No remaining evidence of the southeast bearing tree.

A pinon, 12 inches diameter, bears S. $73^{\circ}47.5'$ W., 53.3 links distance, with illegible scribes visible on a mostly healed blaze. (Record, S. 74° W., 49 links)

Raise mound of stone, 2 1/2 feet base, to top of brass cap.

Corner is located on a steep, rocky, west facing slope; sagebrush, thick pinon.

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CHAINS

From the corner of sections 28 and 33.

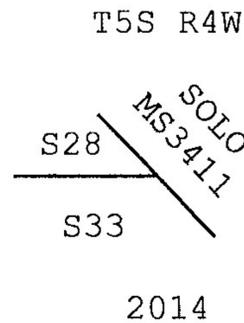
S. 88°55.6' W., between sections 28 and 33.

2.605 Point of intersection with line 3-4, Snap lode, Mineral Survey No. 3350, hereinafter resurveyed; not monumented.

Continue across patented Mineral Survey Nos. 3349, 3350, 3351, and 3411.

24.488 Point of intersection with line 1-2, Solo lode, Mineral Survey No. 3411, hereinafter resurveyed.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, flush with ground, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Corner is located between 2 two-track roads under powerline, bears north and south.

Leave patented Mineral Survey Nos. 3349, 3350, 3351, and 3411.

39.952 The 1/4 section corner of sections 28 and 33, monumented with an iron post, 1 inch diameter, firmly set, projecting 13 inches above ground, with brass cap marked as described in the official field note record of the 1926-31 resurvey, from which

A juniper, 5 inches diameter, bears S. 58°36.9' E., 24.4 links distance, with partial scribe marks S33BT visible on a poor blaze. (Record, S. 29°30' E., 47 links)

A juniper, 7 inches diameter, bears N. 14°52.2' W., 63.8 links distance, marked 1/4S28BT on an open blaze. (Record, N. 22° W., 34 links)

Raise mound of stone, 2 1/2 feet base, to top of brass cap.

Corner is located on a rocky, southwest facing slope; scattered pinon and juniper.

S. 88°52.4' W., beginning new measurement.

17.081 Fence, bears N. 1° E. and S. 1° W.

19.158 Ophir Creek, 80 links wide, gravel bottom, drains south; banks 3-

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CHAINS

4 feet high; no water; cottonwood trees line both banks.

19.961 Point for the W 1/16 section corner of sections 28 and 33.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T5S R4W

S28
W1/16 —————
S33

2014

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on the right bank of Ophir Creek, drains south; bank of gravel and cobble stones is 4 feet high.

39.922 The corner of sections 28, 29, 32, and 33, monumented with an iron post, 2 inches diameter, firmly set, projecting 14 inches above the ground, in a mound of stone, 3 1/2 feet base, to top of brass cap marked as described in the official field note record of the 1926-31 resurvey.

Corner is located on level ground in sagebrush and grass, 99 links west of a fence, bears N. 14° W and S. 14° E.; and 134 links east of Utah State Highway No. 73, bears N. 29° W. and S. 29° E.

N. 2°12.6' W., between sections 28 and 29.

11.136 Ophir Canyon Road, chip-seal surface, bears N. 69° E. and S. 69° W.

40.884 The 1/4 section corner of sections 28 and 29, reestablished by Nolan C. Hathcock in 2002 (plat No. 2002-0014-01), monumented with an aluminum pipe, 2 1/2 inches diameter, firmly set, projecting 6 inches above the ground, with aluminum cap marked HATHCOCK T5S R4W 1/4 S28 S29 2002 LS 166346, with a steel fence post alongside.

This position is accepted as a careful and faithful reestablishment of the original corner position.

Corner is located 8 links east of a barbed wire fence, 4-strands, bears north and south; sagebrush, grass, scattered juniper.

N. 2°12.7' W., beginning new measurement.

20.442 The N 1/16 section corner of sections 28 and 29, monumented by

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CHAINS

Nolan C. Hathcock in 2002 (plat No. 2002-0014-01), with a rebar, 5/8 inch diameter, 24 inches long, firmly set, projecting 2 inches above the ground, with a yellow plastic cap marked HATHCOCK LS166346.

This position is accepted as a careful and faithful determination of the corner position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, in a small collar of stone, with aluminum cap marked:

T5S R4W
N1/16
S29 | S28
2014

Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the rebar, inverted, inside the aluminum post.

Corner is located 6.8 links east of a barbed wire fence, 4-strands, bears north and south; sagebrush, grass, juniper.

- 40.884** The corner of sections 20, 21, 28, and 29, monumented with an iron post, 2 inches diameter, firmly set, in a collar of stone, projecting 12 inches above the ground, with brass cap marked as described in the official field note record of the 1926-31 resurvey, from which,

The remaining evidence of the 1926-31 bearing trees,

A juniper stump, 6 inches diameter, flush with ground, bears N. 33°23.4' E., 77.3 links distance. This tree recently destroyed by fuels reduction activities. (Record, N. 33° E., 78 links)

A juniper, 10 inches diameter, bears S. 2°53.3' W., 214.1 links distance, with partial scribe marks T5SR4 BT visible on a partially healed blaze. (Record, S. 2°30' W., 264 links)

Corner is located at a corner of fences extending east, south, and west.

From the corner of sections 21 and 28, only.

S. 89°23.7' W., between sections 21 and 28.

- 40.121** The 1/4 section corner of sections 21 and 28, monumented with an iron post, 1 inch diameter, firmly set, projecting 2 inches above a mound of stone, 3 feet base, 10 inches high, with brass cap

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
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CHAINS

marked as described in the official field note record of the 1926-31 resurvey, from which

The remaining evidence of the remaining bearing tree,

A juniper stump, 7 inches diameter, 4 inches high, bears N. $52^{\circ}22.0'$ E., 27.8 links distance. This tree recently destroyed by fuels reduction activities. (Record, N. 53° E., 29 links)

Corner is located on a gentle west facing slope; thick juniper and pinon south of corner; trees cleared north of corner.

S. $89^{\circ}18.6'$ W., beginning new measurement.

- 7.35 Two-track road and overhead power line, both bear northwest and southeast.
- 20.040 Point for the W 1/16 section corner of sections 21 and 28, not monumented.
- 40.080 The corner of sections 20, 21, 28, and 29.

N. $2^{\circ}52.9'$ E., between sections 20 and 21.

- 40.994 The 1/4 section corner of sections 20 and 21, monumented with an iron post, 1 inch diameter, firmly set, projecting 9 inches above the ground, with brass cap marked as described in the official field note record of the 1926-31 resurvey record, with a scattered mound of stone along west side. Lying loose alongside is the decayed remains of a juniper post, 3 inches diameter, 28 inches long.

Raise a mound of stone, 2 1/2 feet base, to top of brass cap.

Set a steel fence post alongside the iron post.

Corner is located in a small, dry wash, drains N. 70° W.; grass, sagebrush, and scattered juniper.

N. $0^{\circ}00.6'$ W., beginning new measurement.

- 37.725 The corner of sections 16, 17, 20, and 21, monumented with an iron post, 2 inches diameter, firmly set, projecting 12 inches above the ground, and in a mound of stone, 3 feet base, to top of brass cap marked as described in the official field note record of the 1926-31 resurvey record. A wood post, 2 inches square, with an aluminum tag marked STOCK CLAIMS 2-123 is also in the mound of stone.

Corner is located on a gentle, west facing slope; grass, sagebrush, scattered juniper.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

From the corner of sections 21 and 22 only, on the south boundary of section 16.

S. 89°57.9' W., between sections 16 and 21.

- 28.623** The 1/4 section corner of section 16 only, monumented with an iron post, 1 inch diameter, projecting 24 inches above a scattered mound of stone, with brass cap marked as described in the official field note record of the 1926-31 survey record.

Rebuild the mound of stone, 2 1/2 feet base, to top of brass cap.

S. 89°50.9' W., beginning new measurement.

- 10.424** The 1/4 section corner of section 21 only, monumented with an iron post, 1 inch diameter, 36 inches long, bent, lying loose on top of an embedded mound of stone, 2 1/2 feet base, with brass cap marked as described in the official field note record of the 1926-31 survey record. The marked limestone memorial was searched for, but not found.

At the corner point (center of embedded mound)

Reset the iron post, to solid rock, projecting 10 inches above ground, and rebuild mound of stone, 2 1/2 feet base, to top of brass cap.

N. 89°57.9' W., beginning new measurement.

- 20.126** Point of intersection with line 3-4, Tuscarora lode, Mineral Survey No. 3434, hereinafter resurveyed.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 17 inches in the ground, to solid rock, in a mound of stone, 3 feet base, to top of aluminum cap marked:

T5S R4W	
MS3434	S16
TL	S21

2014

Deposit a magnet in a plastic case beneath the aluminum post.

Corner is located on top of spur, bears N. 40° W.; sagebrush, grass, scattered juniper and pinon.

Continue, across patented Mineral Survey Nos. 3434 and 3483.

- 38.268** Point of intersection with line 1-2, Aurora lode, Mineral Survey No. 3483, hereinafter resurveyed.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 20

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

inches in the ground, to solid rock, in a mound of stone, 2 1/2 feet base, to top of aluminum cap marked:

T5S R4W	
S16	MS
S21	3483
2014	

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on gentle west facing slope, in a rocky outcrop; grass, sagebrush, scattered juniper.

Leave patented Mineral Survey Nos. 3434 and 3483.

39.090 The corner of sections 16, 17, 20, and 21.

N. 0°02.2' W., between sections 16 and 17.

40.031 The 1/4 section corner of sections 16 and 17, monumented with an iron post, 1 inch diameter, firmly set in a mound of stone, 4 feet base, to top of brass cap marked as described in the official field note record of the 1926-31 survey.

No remaining evidence of the bearing tree.

From the corner of sections 20, 21, 28, and 29.

S. 88°55.7' W., between sections 20 and 29.

19.990 The E 1/16 section corner of sections 20 and 29, monumented by Nolan C. Hathcock in 2002 (plat No. 2002-0014-01), with a rebar, 5/8 inch diameter, firmly set, projecting 6 inches above the ground, with a yellow plastic cap marked HATHCOCK LS166346.

This position is accepted as a careful and faithful determination of the corner position.

Corner is located on a gentle west facing slope, in a barbed wire fence, 5-strand, bears east and west, 16.7 links west of the westernmost post of an "H" brace in fence; sagebrush and grass.

39.980 The 1/4 section corner of sections 20 and 29, monumented with an iron post, 1 inch diameter, firmly set, projecting 10 inches above the ground, with brass cap marked as described in the official field note record of the 1926-31 resurvey.

Corner is located on a gentle west facing slope, in a barbed wire fence, 5-strand, bears east and west; sagebrush and grass.

DEPENDENT RESURVEY OF LOT NO. 107, NORTHERN LIGHT LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Mineral Surveys in
T. 5 S., R. 4 W., Salt Lake Meridian, Utah

Lot No. 107, Northern Light Lode

The Reestablishment of the Survey Executed by
O. A. Palmer in 1876

NOTE: This survey was reestablished utilizing corner No. 4 and its location was verified by measurement to the incline of the lode. No other corner evidence was found.

From the point for corner No. 1, Northern Light lode, Lot No. 107, determined at record bearing and distance from corner No. 4, hereinafter described; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with aluminum cap marked:

T5S R4W
S21
C1
NL
L107
2014

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on a steep south facing slope, near the bottom of rock scree, in a small clearing of pinon, juniper, and scrub oak.

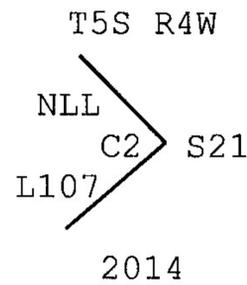
S. 64°00.0' E., on line 1-2.

- 1.515** Point for corner No. 2, Northern Light lode, Lot No. 107, determined at record bearing and distance from corner No. 1 (S. 64° E., 100 feet); there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 23 inches in the ground, to solid rock, in a mound of stone, 3 feet base, to top of aluminum cap marked:

DEPENDENT RESURVEY OF LOT NO. 107, NORTHERN LIGHT LODE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

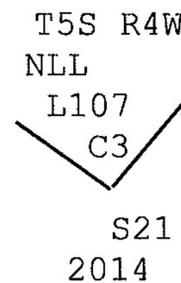
Corner is located on a steep, rocky, southeast facing slope;
pinon, juniper, scrub oak.

From this point, the corner of sections 21 and 22 only, on the
south boundary of section 16, bears N. 48°37.9' E., 5.961 chains
distance, hereinbefore described.

S. 26°00.0' W., on line 2-3.

- 15.152** Point for corner No. 3, Northern Light lode, Lot No. 107,
determined at record bearing and distance from corner No. 2
(S. 26° W., 1000 feet); there is no remaining evidence of the
original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24
inches in the ground, in a collar of stone, with aluminum cap
marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located 27 links west of a two-track trail road, bears
north and south; sagebrush and grass; trees have been recently
cleared.

N. 64°00.0' W., on line 3-4.

- 0.758** At record distance (50 feet), point for the south center end line
of lode, not monumented.

From this point, the entrance to the incline of the lode, 10 feet
wide, gated with a welded, iron grate, bears N. 26° E., 7.220
chains distance. (Record: 7.273 chains)

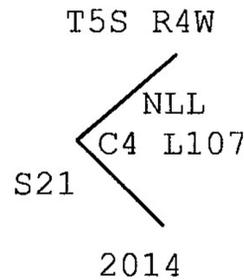
DEPENDENT RESURVEY OF LOT NO. 107, NORTHERN LIGHT LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

- 1.515** Point for corner No. 4, Northern Light lode, Lot No. 107, monumented with a mound of stone, 3 1/2 feet base, 1 1/2 feet high.

At the corner point (center of mound)

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Retain the mound of stone around aluminum post.

Corner is located on a southeast facing slope; sagebrush and grass; trees have been recently cleared.

N. 26°00.0' E., on line 4-1.

- 15.152** Corner No. 1, Northern Light lode, Lot No. 107.

Lot No. 167, Lakes of Killarney Lode

The Reestablishment of the Survey Executed by E. Wilkes in 1887
and the Retracement by R. Gentry in 1926-31

From corner No. 1, Lakes of Killarney lode, Lot No. 167, determined at record bearing and distance from the remaining bearing tree described by Gentry in 1926-31,

A juniper, 12 inches diameter, bears S. 44°30.0' E., 43 links distance, with scribe marks BT 167 visible on a partially healed blaze, and a rusted nail driven in face of blaze.

The northeast bearing tree stump described by Gentry in 1926-31,

A juniper stump, 18 inches diameter, 4 1/2 feet long, with scribe marks BT167 visible on a partially healed blaze, and a rusted nail driven in face of blaze, was found eroded out of the ground, coming to rest approximately S. 70° W., 10 feet (downhill) from corner. Unable to utilize this accessory.

DEPENDENT RESURVEY OF LOT No. 167, LAKES OF KILLARNEY LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

The remains of the original wood post, 5 inches diameter, 39 inches long, marked US167P1, and another wood post, 4 inches square, 40 inches long, no marks visible, were found lying loose, out of the ground, approximately S. 20° W., 50 feet (downhill) from corner.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 23 inches in the ground, to solid rock, in a mound of stone, 3 feet base, to top of aluminum cap marked:

T5S R4W
S21
C1
L167
LOKL
2014

Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the original marked wood post, inverted, alongside aluminum post, to project 10 inches above aluminum cap.

Set a steel fence post alongside the aluminum post.

Corner is located on a steep, rocky, southwest facing slope; juniper and pinon; litter strewn about area.

S. 58°32.9' E., on line 1-2.

- 2.748** The point of intersection with the section line between sections 21 and 22, hereinbefore described.
- 9.132** Corner No. 2, Lakes of Killarney lode, Lot No. 167, monumented with an embedded mound of stone, 2 1/2 feet base, from which an unrecorded bearing tree,

A juniper, 10 inches diameter, bears S. 70°54.1' E., 31 links distance, with illegible scribe marks on a partially healed blaze, facing towards the corner. The character of the blaze and scribes are similar to those found at corner No. 3. **NOTE:** Upon subsequent visit, this bearing tree was found to have been destroyed by fuels reduction activities.

At the corner point (center of mound)

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, in a collar of stone, with aluminum cap marked:

T5S R4W
C2 S22
L167
LOKL
2014

DEPENDENT RESURVEY OF LOT No. 167, LAKES OF KILLARNEY LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on a gentle, rocky, west facing slope; trees have been recently cleared.

S. 27°21.1' W., on line 2-3.

9.049 Corner No. 3, Lakes of Killarney lode, Lot No. 167, monumented with a mound of stone, 3 feet base, 1 foot high, with the remains of a wood post, 5 inches diameter, 30 inches long, no marks visible, loose on ground alongside, from which two unrecorded bearing trees,

A juniper, 9 inches diameter, bears S. 45°54.5' E., 10.0 links distance, with illegible scribe marks on a partially healed blaze, facing towards the corner.

A juniper, 9 inches diameter, bears N. 46°51.2' W., 9.8 links distance, with illegible scribe marks on a partially healed blaze, facing towards the corner.

NOTE: Upon subsequent visit, these two bearing trees were found to have been destroyed by fuels reduction activities.

At the corner point (center of mound)

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, in a mound of stone, 3 feet base, to top of aluminum cap marked:

LOKL
L167
C3
S22
T5S R4W
2014

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Leave wood post alongside mound of stone.

Corner is located on a gentle, rocky, south facing slope; trees have been recently cleared.

N. 59°10.9' W., on line 3-4.

1.500 The point of intersection with the section line between sections 21 and 22, hereinbefore described.

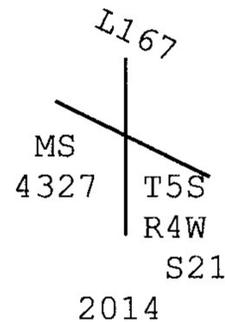
6.218 Point of intersection with line 2-3, Nyanza lode, Mineral Survey

DEPENDENT RESURVEY OF LOT NO. 167, LAKES OF KILLARNEY LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

No. 4327, hereinafter resurveyed.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, in a collar of stone, with aluminum cap marked:



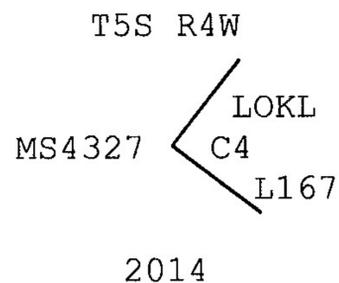
Deposit a magnet in a plastic case beneath the aluminum post.

Corner is located on a south facing slope, 20 links north of a small, dry wash, drains S. 50° W.; pinon, juniper, mahogany.

- 8.961** Corner No. 4, Lakes of Killarney lode, Lot No. 167, monumented with a wood post, 5 inches diameter, 48 inches long, top 12 inches have been hewn square, no scribe marks visible, set in a mound of stone, 2 1/2 feet base, embedded 1 foot in ground.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, in a collar of stone, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the wood post alongside the aluminum post to project 14 inches above ground.

Set a steel fence post alongside the aluminum post.

Corner is located on a steep west facing slope; thick juniper and pinon.

From this corner, the corner monument described by R. Gentry in 1926-31, a juniper, 7 inches diameter, bears N. 70°11.3' W., 6.7 links distance, with partial scribe marks 167SWC visible on a partially healed blaze. This juniper corner tree was not utilized as the true corner position during this resurvey. The found (and remonumented) wood post is more harmoniously related to the physical character of the original corner monumentation and its position is more harmoniously related to the tie made during the

DEPENDENT RESURVEY OF LOT NO. 167, LAKES OF KILLARNEY LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

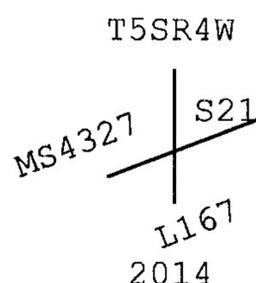
CHAINS

execution of Mineral Survey No. 4327 in 1900, hereinafter resurveyed and described.

N. 26°19.5' E., on line 4-1.

- 5.046 Point of intersection with line 2-3, Nyanza lode, Mineral Survey No. 4327, hereinafter resurveyed.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on a gentle south facing slope, under the canopy of a juniper, 16 inches diameter.

- 9.162 Corner No. 1, Lakes of Killarney lode, Lot No. 167.

Portions of Mineral Survey Nos. 3350, 3351, and 3411

The Reestablishment of the Survey Executed by A. Jessen in 1897

From corner No. 1, Solo lode, Mineral Survey No. 3411, monumented with a mound of stone, 4 feet base, 1 foot high, with the decayed remains of a wood post, 4 inches square, 24 inches long, lying loose alongside, no scribe marks visible, from which the southwest bearing tree

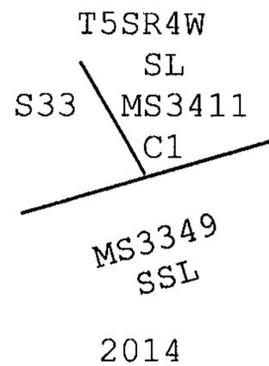
A juniper, 12 inches diameter, with partial scribe marks 411 BT visible on a partially healed blaze, has been recently knocked over and uprooted by machinery. Unable to utilize this accessory.

At the corner point (center of mound)

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 25 inches in the ground, in a mound of stone, 2 feet base, to top of aluminum cap marked:

DEPENDENT RESURVEY OF MINERAL SURVEY NOS. 3350, 3351, AND 3411,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS



Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the wood post remains alongside the aluminum post to project 8 inches above ground.

Set a steel fence post alongside the aluminum post.

Corner is located on a southeast facing slope; juniper and pinon.

N. 54°02.4' W., on line 1-2, Solo lode, Mineral Survey No. 3411.

1.011 The point of intersection with the section line between sections 28 and 33, hereinbefore described.

6.112 Corner No. 2, Solo lode, Mineral Survey No. 3411, determined at record distances from the bearing trees,

A juniper, 8 inches diameter, bears S. 19°33.9' E., 37.8 links distance, with scribe marks 3411 BT visible on a partially healed blaze. (Record, S. 19°20' E.)

A pinon, 8 inches diameter, bears N. 64°28.6' W., 18.5 links distance, with scribe marks 3411 BT visible on an open blaze. (Record, N. 62°35' W.)

Immediately downhill and alongside this corner point is a scattered and partially embedded mound of stone.

The remains of the original wood post, 4 inches square, 32 inches long, with scribe marks 3411 visible on a face, was found approximately 30 feet downhill.

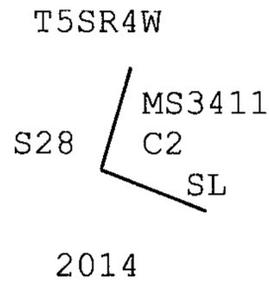
At the corner point

NOTE: While digging to set monument, find the decayed remains of the bottom portion of original wood post, set, 6 inches below ground.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, in collar of stone, with aluminum cap marked:

DEPENDENT RESURVEY OF MINERAL SURVEY NOS. 3350, 3351, AND 3411,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS



From which an unrecorded bearing tree,

A juniper, 7 inches diameter, trunk cut to 4 feet tall, bears
N. 46°59.1' E., 7.5 links distance, with scribe marks 2 350
BT visible on an open blaze.

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on moderately steep, rocky, southeast facing
slope; juniper and pinon.

N. 6°13.9' E., on line 2-3, Solo lode, Mineral Survey No. 3411.

- 17.412** Point of intersection with the E-W center line of the SE1/4 of
section 28, hereinafter surveyed and described.
- 22.644** Corner No. 3, Solo lode, Mineral Survey No. 3411, perpetuated by
Nolan C. Hathcock in 2002 (plat No. 03-0009-01), with a rebar,
5/8 inch diameter, firmly set, projecting 6 inches above the
ground, with a yellow plastic cap marked HATHCOCK LS166346,
alongside the original wood post, 4 inches square, set in and
projecting 18 inches above a mound of stone, 3 feet base, 1 foot
high, scribe marks 3411 visible on a face. No evidence of the
bearing trees remain.

This position is accepted as a careful and faithful perpetuation
of the original corner position.

From corner No. 4, Solo lode, Mineral Survey No. 3411, identical
with corner No. 1, Ophir Mine lode, Mineral Survey No. 3505,
perpetuated by Nolan C. Hathcock in 2002 (plat No. 03-0009-01),
with a rebar, 5/8 inch diameter, 24 inches long, firmly set,
projecting 4 inches above ground, with a yellow plastic cap
marked HATHCOCK LS166346, in an embedded mound of stone, 3 feet
base, with the remains of a wood post, 4 inches square, 24 inches
long, no marks visible, loose alongside, from which the original
bearing trees,

A juniper, 6 inches diameter, bears N. 51°45.2' E., 29.2 links
distance, with scribe marks 3505 BT visible on an open
blaze. (Record, N. 51°51' E., 29.5 links)

A juniper, 7 inches diameter, bears S. 15°01.8' E., 67.6 links

DEPENDENT RESURVEY OF MINERAL SURVEY NOS. 3350, 3351, AND 3411,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

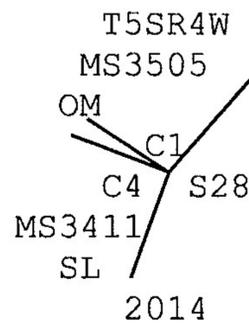
distance, marked 1 3505 BT on an open blaze.
(Record, S. 15°30' E., 67.3 links)

A juniper, 12 inches diameter, bears N. 50°40' E., 21.5 links
distance, marked 4 3411 BT on an open blaze.

This position is accepted as a careful and faithful perpetuation
of the original corner position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27
inches in the ground, in the mound of stone, with aluminum cap
marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the rebar inside the aluminum post.

Deposit the wood post remains alongside the aluminum post to
project 5 inches above ground.

Set a steel fence post alongside the aluminum post.

Corner is located on a gentle southwest facing slope; 21 links
north of a small wash, drains S. 65° W.; thick juniper and pinon.

From this corner, corner No. 3, Solo lode, Mineral Survey No.
3411, bears N. 54°01.2' W., 9.101 chains distance, hereinbefore
described.

S. 5°56.5' W., on a portion of line 4-5, Solo lode, Mineral
Survey No. 3411.

16.847 Corner No. 3, Snap No. 2 lode, Mineral Survey No. 3351,
determined at record distances from the original bearing trees,

A juniper stump, 13 inches diameter, 3 feet high, bears
S. 47°27.4' E., 77.3 links distance, with the only
remaining scribe mark T visible on an open blaze.
(Record, S. 47°18' E.)

A juniper, 10 inches diameter, bears N. 67°42.9' W., 87.9
links distance, scribe marks 3351 BT visible on a
partially healed blaze. (Record, N. 67°30' W.)

The decayed remains of a wood post, 2 x 3 inches, 24 inches long,

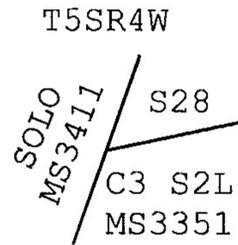
DEPENDENT RESURVEY OF MINERAL SURVEY NOS. 3350, 3351, AND 3411,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

was found loose on the ground, downhill from this position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with aluminum cap marked:



2014

Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the wood post remains alongside the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on a southwest facing slope; juniper and pinon.

N. 52°17.6' E., on line 3-4, Snap No. 2 lode, Mineral Survey No. 3351.

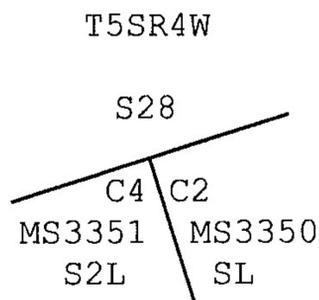
8.563 Corner No. 4, Snap No. 2 lode, Mineral Survey No. 3351, identical with corner No. 2, Snap lode, Mineral Survey No. 3350, monumented with a mound of stone, 3 1/2 feet base, 1 foot high, from which the original bearing trees,

A juniper, 7 inches diameter, bears S. 30°49.6' E., 49.0 links distance, with scribe marks 2 3350 BT visible on a partially healed blaze. (Record, S. 27°47' E., 47.7 links)

A juniper, 8 inches diameter, bears S. 24°33.8' W., 97.2 links distance, scribe marks 2 3350 BT 4 3351 BT visible on a partially healed blaze. (Record, S. 26°08' W., 98.5 links)

At the corner point (center of mound)

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 22 inches in the ground, to solid rock, in rebuilt mound of stone, 2 1/2 feet base, to top of aluminum cap marked:



2014

DEPENDENT RESURVEY OF MINERAL SURVEY NOS. 3350, 3351, AND 3411,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on a rocky, northwest facing slope; thick juniper and pinon.

N. 52°39.7' E., on line 2-3, Snap lode, Mineral Survey No. 3350.

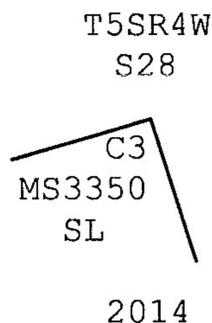
- 9.097** Corner No. 3, Snap lode, Mineral Survey No. 3350, monumented with a mound of stone, 3 1/2 feet base, 1 foot high, with the decayed remains of a wood post, 4 inches square, 23 inches long, no scribe marks visible, lying loose on top of mound.

NOTE: Near the record position for the southeast bearing tree are decayed fragments of a pine, with faint scribe marks 3350 BT; position of stump or root hole indeterminate.

No remaining evidence of southeast bearing tree.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, in rebuilt mound of stone, 2 1/2 feet base, to top of aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Deposit wood post remains alongside aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on a rocky, south facing slope; juniper, pinon, and mahogany.

S. 15°55.4' E., on line 3-4, Snap lode, Mineral Survey No. 3350.

- 14.295** Point of intersection with the section line between sections 28 and 33, hereinbefore described.
- 20.430** Corner No. 4, Snap lode, Mineral Survey No. 3350, determined at record bearing and distance from the remaining original bearing tree,

DEPENDENT RESURVEY OF MINERAL SURVEY NOS. 3350, 3351, AND 3411,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

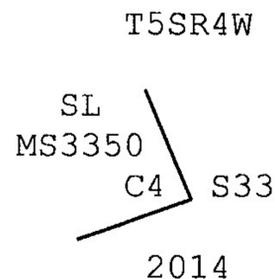
CHAINS

A juniper, 8 inches diameter, bears S. 30° E., 36.6 links distance, scribe marks 4 3350 BT visible on an open blaze.

NOTE: The northeast bearing tree, a pine, diameter not noted, is dead and down, near record position; position of stump or root hole indeterminate.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 23 inches in ground, to solid rock, in mound of stone, 2 1/2 feet base, to top of aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located in a rocky, small wash, drains S. 60° W.; juniper and pinon.

Dependent Resurvey of a Portion of
Mineral Survey Nos. 3434, 3483, and 3484

The Reestablishment of the Survey Executed by A. Jessen in 1897

From corner No. 1, St. John lode, Mineral Survey No. 3434, identical with corner No. 4, Rosina lode, Mineral Survey No. 3484, determined from the remaining bearing tree,

A juniper, 12 inches diameter, bears N. 63°15' W., 47.0 links distance, marked 1 3434 BT, and other illegible scribes, on an open blaze.

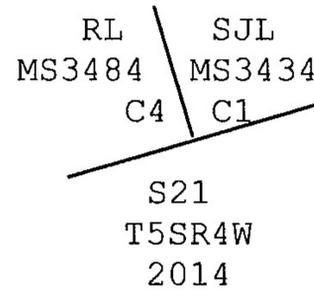
Immediately alongside this corner point is a scattered and partially embedded mound of stone.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, to solid rock, with aluminum cap marked:

CHAINS

DEPENDENT RESURVEY OF A PORTION OF
 MINERAL SURVEY NOS. 3434, 3483, AND 3484,
 TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH



From which a new bearing object

An X, 5 inches tall, chiseled into a blue limestone outcrop, 30 x 24 x 8 inches exposed, bears S. 28°16.3' W., 5.2 links distance.

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Rebuild the scattered mound of stone, 2 feet base to top of aluminum cap.

Corner is located 36 links east of a small wash, drains N. 46° W.; on a gentle southwest facing slope; juniper and pinon.

S. 80°05.8' W., on line 4-1, Rosina lode, Mineral Survey No. 3484.

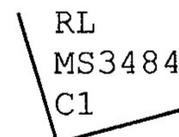
9.181 Corner No. 1, Rosina lode, Mineral Survey No. 3484, monumented with an embedded mound of stone, 4 feet base, from which the remaining bearing tree,

A juniper, 15 inches diameter, bears S. 67°37.9' E., 346.0 links distance, with scribe marks 84BT visible on an open and decaying blaze, with the rusted remains of a metal tag nailed to face. The main trunk has been cut 4 feet high, with one limb living. (Record: S. 67°50' E., 348.5 links)

At the corner point (center of mound)

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 23 inches in the ground, with aluminum cap marked:

T5SR4W



S21
2014

Deposit a magnet in a plastic case beneath the aluminum post.

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY NOS. 3434, 3483, AND 3484,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set a steel fence post alongside the aluminum post.

Rebuild the mound of stone, 3 feet base, to top of aluminum cap.

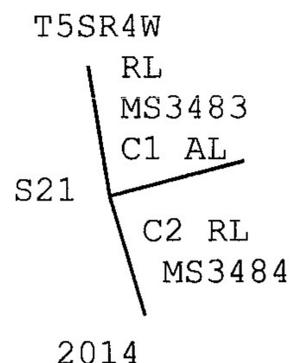
Corner is located 4.5 links north of a small, dry, rocky wash, drains N. 70° W.; most trees in area of corner have been recently cleared.

From this corner, the 1/4 section corner of sections 20 and 21, bears S. 59°32.1' W., 9.770 chains distance, hereinbefore described.

N. 18°59.5' W., on line 1-2, Rosina lode, Mineral Survey No. 3484.

- 22.770** Point for corner No. 2, Rosina lode, Mineral Survey No. 3484, identical with corner No. 1, Aurora lode, Mineral Survey No. 3483, determined by Grant Boundary adjustment between corner No. 1, Rosina lode, Mineral Survey No. 3484 and corner No. 2, Tuscarora lode, Mineral Survey No. 3434, identical with corner No. 3, Aurora lode, Mineral Survey No. 3483; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, in a small collar of stone, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on gentle southwest facing slope which has been "chained" in the past; grass, cacti, and sagebrush.

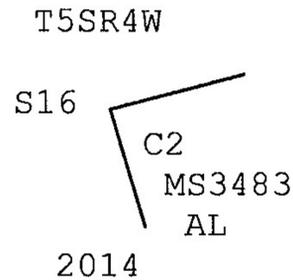
N. 0°59.5' W., on line 1-2, Aurora lode, Mineral Survey No. 3483.

- 11.243** The point of intersection with the section line between sections 16 and 21, hereinbefore described.
- 22.770** Point for corner No. 2, Aurora lode, Mineral Survey No. 3483, determined by Grant Boundary adjustment between corner No. 1, Rosina lode, Mineral Survey No. 3484 and corner No. 2, Tuscarora lode, Mineral Survey No. 3434, identical with corner No. 3, Aurora lode, Mineral Survey No. 3483; there is no remaining

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY NOS. 3434, 3483, AND 3484,
CHAINS TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, in a small collar of stone, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on a west facing slope; on the north edge of a small rock field; scattered juniper and pinon.

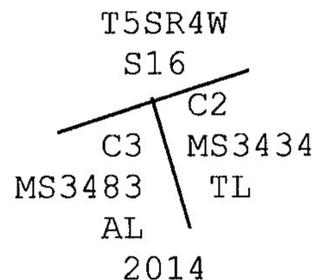
N. 80°00.5' E., on line 2-3, Aurora lode, Mineral Survey No. 3483.

- 9.220** Corner No. 3, Aurora lode, Mineral Survey No. 3483, identical with corner No. 2, Tuscarora lode, Mineral Survey No. 3434, determined from the remaining bearing tree,

A juniper, 10 inches diameter, bears N. 55° E., 184.9 links distance, with a broken off and partially burned limb, 6 inches diameter, with scribe marks 3 34 visible on a partially healed blaze of the limb.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 20 inches in the ground, to solid rock, in a mound of stone, 2 1/2 feet base, to top of aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located 13.6 links north of a small, dry, rocky wash, drains S. 42° W.; scattered juniper, sagebrush.

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY NOS. 3434, 3483, AND 3484,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. 80°24.3' E., on line 2-3, Tuscarora lode, Mineral Survey No. 3434.

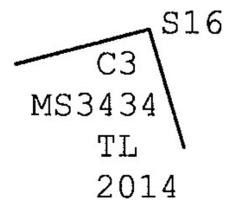
- 9.164** Corner No. 3, Tuscarora lode, Mineral Survey No. 3434, monumented with an embedded mound of stone, 3 feet base, 1 foot high, from which the remains of the bearing tree,

A charred juniper stump, 12 inches diameter, 2 feet high, bears N. 77°57.6' E., 226.6 links distance. Remaining portion of tree has fallen over and is decaying; no scribe marks or blaze visible. (Record, N. 77°45' E., 225.8 links)

At the corner point (center of mound)

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with aluminum cap marked:

T5SR4W



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Retain the embedded mound of stone around aluminum post.

Corner is located on a southwest facing slope; sagebrush, grass, scattered juniper and pinon.

S. 0°52.8' E., on line 3-4, Tuscarora lode, Mineral Survey No. 3434.

- 14.664** The point of intersection with the section line between sections 16 and 21, hereinbefore described.
- 22.731** Corner No. 4, Tuscarora lode, identical with corner No. 3, St. John lode, both Mineral Survey No. 3434, determined at record distances from the bearing trees,

A juniper stump, 9 inches diameter, 2 feet high, bears N. 44°07.3' E., 28.8 links distance, with faint scribe marks 34 visible. (Record, N. 44°30' E.)

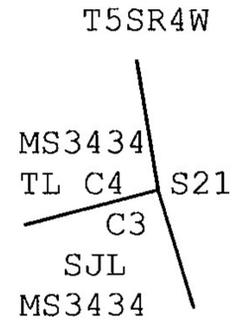
A juniper, 9 inches diameter, bears S. 8°15.7' E., 26.5 links distance, marked 3-4 3434 BT on an open blaze. (Record, S. 9° E.)

At the corner point

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY NOS. 3434, 3483, AND 3484,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, in a collar of stone, with aluminum cap marked:



2014

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located in the bottom of a dry, rocky wash, 3 feet wide, drains S. 30° W.; thick juniper, scattered pinon.

S. 19°34.5' E., on line 3-4, St. John lode, Mineral Survey No. 3434.

22.817 Corner No. 4, St. John lode, Mineral Survey No. 3434, determined at record distances from the bearing tree stumps,

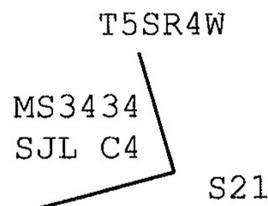
A juniper stump, 7 inches diameter, 2 1/2 feet high, bears S. 9°34.0' W., 77.7 links distance, marked 4 3434 BT on an open blaze. (Record, S. 9°45' W.)

A juniper stump, 6 inches diameter, 2 1/2 feet high, bears N. 73°28.3' W., 43.9 links distance, marked 4 3434 BT on an open blaze. (Record, N. 72°30' W.)

Immediately downhill (south) from the corner point is a scattered mound of stone, with the decayed remains of a wood post, 4 inches square, 26 inches long, lying loose alongside.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 25 inches in the ground, with aluminum cap marked:



2014

Deposit a magnet in a plastic case beneath the aluminum post.

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY NOS. 3434, 3483, AND 3484,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Deposit the wood post remains alongside the aluminum post.

Set a steel fence post alongside the aluminum post.

Rebuild the mound of stone, 2 feet base, 1 foot high, along south side of aluminum post.

Corner is located on a rocky, south facing slope; juniper, scattered pinon.

S. 80°05.4' W., on line 4-1, St. John lode, Mineral Survey No. 3434.

- 9.404** Corner No. 1, St. John lode, Mineral Survey No. 3434, identical with corner No. 4, Rosina lode, Mineral Survey No. 3484.

Dependent Resurvey of a Portion of
Mineral Survey Nos. 3505, 3507, and 3508

The Reestablishment of the Survey Executed by C.P. Brooks in 1897 and Retracements by C.A. Herman in 1902 and R. Gentry in 1926-31

From corner No. 1, Ophir Mine lode, Mineral Survey No. 3505, identical with corner No. 4, Solo lode, Mineral Survey No. 3411, hereinbefore described.

From this corner, corner No. 2, Ophir Mine lode, Mineral Survey No. 3505, bears N. 59°56.0 W., 9.093 chains distance, perpetuated by Nolan C. Hathcock in 2002 (plat No. 03-0009-01), with a rebar, 5/8 inch diameter, firmly set, projecting 4 inches above ground, with a yellow plastic cap marked HATHCOCK LS166346, in a mound of stone, 2 feet base, 1 foot high. No evidence of the bearing trees remain. This position is accepted as a careful and faithful perpetuation of the original corner position.

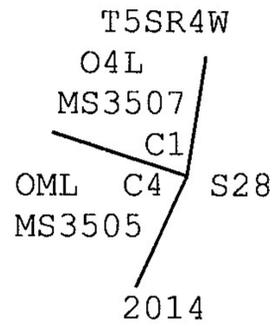
N. 36°13.0' E., on line 1-4, Ophir Mine lode, Mineral Survey No. 3505.

- 0.355** Point of intersection with the E-W center line of the SE 1/4 of section 28, hereinafter surveyed, not monumented.
- 22.713** Corner No. 4, Ophir Mine lode, Mineral Survey No. 3505, identical with corner No. 1, Ophir No. 4 lode, Mineral Survey No. 3507, determined by parallel end lines solution (found bearing and distance of line 1-2, Ophir Mine lode, Mineral Survey No. 3505 from corner No. 3, hereinafter described); there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with aluminum cap marked:

CHAINS

DEPENDENT RESURVEY OF A PORTION OF
 MINERAL SURVEY NOS. 3505, 3507, AND 3508,
 TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located in the bed of an abandoned rail line, bears N. 76° W. and S. 76° E., no rail or ties remain, and under a 2-wire power line, bears N. 84° E. and S. 84° W.; thick sagebrush.

From this corner, corner No. 3, Ophir Mine lode, Mineral Survey No. 3505, identical with corner No. 2, Ophir No. 4 lode, Mineral Survey No. 3507, also identical with corner No. 4, Irene lode, Mineral Survey No. 4925, bears N. $59^{\circ}56.0'$ W., 9.093 chains distance, perpetuated by Nolan C. Hathcock in 2002 (plat No. 03-0009-01), with a rebar, 5/8 inch diameter, firmly set, projecting 6 inches above ground, with a yellow plastic cap marked HATHCOCK LS166346, in a mound of stone, 2 1/2 feet base, 1 foot high; this position is accepted as a careful and faithful perpetuation of the original corner position, from which the 1902 bearing object,

A blue limestone, in place, 36 x 24 x 8 inches exposed, bears N. $40^{\circ}51.3'$ E., 31.9 links distance, incorrectly marked (with a 5) BR + 5-4925. (Record, N. $40^{\circ}30'$ E.)

No evidence of the bearing trees remain.

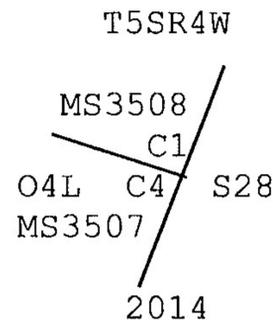
N. $15^{\circ}13.2'$ E., on line 1-4, Ophir No. 4 lode, Mineral Survey No. 3507.

- 2.605** Point of intersection with the E-W centerline of section 28, hereinafter surveyed, not monumented.
- 3.373** Corner No. 4, Ophir No. 4 lode, Mineral Survey No. 3507, identical with corner No. 1, Ophir No. 2, Mineral Survey No. 3508, determined by parallel end lines solution (found bearing and distance of line 3-4, Ophir No. 2 lode, Mineral Survey No. 3508 from corner No. 2, hereinafter described); there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, in a mound of stone, 2 feet base, to top of aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY NOS. 3505, 3507, AND 3508,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS



From which a new bearing object

An iron pipe, 2 inches diameter, firmly set in concrete, projecting 4 inches above ground, bears S. 45°09.4' E., 43.1 links distance, with brass cap inscribed STATE ROAD RIGHT OF WAY MARKER C/L STA ELEV 19, no stamping.

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on moderately steep, rocky, south facing slope; scattered juniper and pinon.

From this corner, corner No. 3, Ophir No. 4 lode, Mineral Survey No. 3507, identical with corner No. 2, Ophir No. 2 lode, Mineral Survey No. 3508, bears N. 59°40.9' E., 9.107 chains distance, hereinafter described.

N. 15°11.6' E., on line 1-4, Ophir No. 2 lode, Mineral Survey No. 3508.

- 2.577 Enter Ophir Cemetery; fence, chain link, 4 feet high, bears east and west.
- 3.555 Leave Ophir Cemetery; fence, chain link, 4 feet high, bears east and west.
- 10.390 Point of intersection with the section line between sections 27 and 28, hereinbefore described.
- 22.338 Corner No. 4, Ophir No. 2 lode, Mineral Survey No. 3508, determined at record distances from the original bearing trees,

A juniper stump, 8 inches diameter, 12 inches high, bears N. 68°46.1' E., 62.1 links distance, no scribes, recently destroyed by fuels reduction activities.
(Record, N. 68°30' E.)

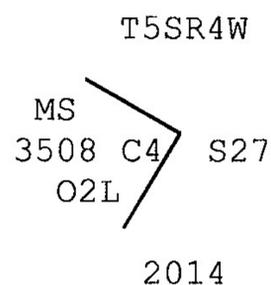
A dead juniper, 5 inches diameter, bears S. 39°32.1' W., 30.6 links distance, scribe marks 3508 BT visible on a partially healed blaze. (Record, S. 40° W.)

At the corner point (which falls in a scattered, embedded mound of stone)

CHAINS

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY NOS. 3505, 3507, AND 3508,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Rebuild the mound of stone, 2 feet base, 1 foot high, along north side of aluminum post.

Corner is located on a west facing slope; juniper and pinon.

N. 59°40.9' W., on line 4-3, Ophir No. 2 lode, Mineral Survey No. 3508.

- 4.201** Point of intersection with the section line between sections 27 and 28, hereinbefore described.
- 9.107** Corner No. 3, Ophir No. 2 lode, Mineral Survey No. 3508, determined at record distances from the remains of the original bearing trees,

A juniper stump, 7 inches diameter, 15 inches high, bears N. 62°42.2' E., 26.4 links distance, no scribes visible. (Record, N. 57°30' E.)

A juniper stump, 6 inches diameter, bears S. 8°47.0' E., 34.8 links distance, no scribe marks. (Record, S. 8° E.)

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 22 inches in the ground, in a collar of stone, with aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY NOS. 3505, 3507, AND 3508,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Corner is located on north side of a rocky wash, 10 feet wide, drains S. 50° W.; juniper and pinon southwest of corner; trees cleared northeast of corner.

S. 15°11.5' W., on line 3-2, Ophir No. 2 lode, Mineral Survey No. 3508.

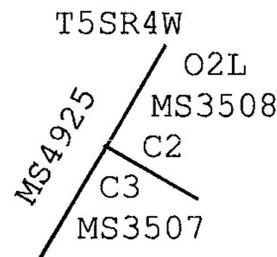
17.983 Point of intersection with line 2-3, Irene lode, Mineral Survey No. 4925, hereinafter resurveyed and described.

22.337 Corner No. 2, Ophir No. 2 lode, Mineral Survey No. 3508, identical with corner No. 3, Ophir No. 4, Mineral Survey No. 3507, determined at record bearing and distance from the remaining bearing tree,

A juniper, 15 inches diameter, bears N. 65°30' W., 16.7 links distance, partial scribe marks 3 35 7 35 visible on an open blaze.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 25 inches in the ground, in a mound of stone, 2 1/2 feet base, to top of aluminum cap marked:



2014

Deposit a magnet in a plastic case beneath the aluminum post.

Corner is located on a steep, rocky, south facing slope; juniper and pinon.

Mineral Survey No. 4327, Nyanza Lode

The Reestablishment of the Survey Executed by C.A. Herman in 1900

From Corner No. 1, Nyanza lode, Mineral Survey No. 4327, determined by parallel end lines solution (found bearing and distance of line 3-4 from corner No. 2, hereinafter described); there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

CHAINS

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY No. 4327, NYANZA LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

T5SR4W

NL	
MS4327	
C1	
	S21

2014

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located N. 82° W., 83 links (hand compass and tape) from the northwest corner of a timber ore bin, 30 feet tall; in the fill of and on the south side of an old mining road over a wash, 8 feet deep, drains S. 56° W.; the mining road is 10 feet wide, bears N. 50° W. and S. 30° E.

N. 89°00.3' E., on line 1-2, parallel with line 3-4.

9.042 Corner No. 2, Nyanza lode, Mineral Survey No. 4327, determined at record bearing and distance from the original bearing tree,

A juniper, 12 inches diameter, bears S. 46°30' E., 42.4 links distance, marked BT 2 4327 on an open blaze, with a rusted nail driven in blaze.

Immediately downhill (northwest) from the corner point is a scattered and partially embedded mound of stone, with the decayed remains of a wood post, 4 inches square, 44 inches long, lying loose alongside.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with aluminum cap marked:

T5SR4W

NL	
MS4327	
C2	
	S21

2014

Deposit a magnet in a plastic case beneath the aluminum post.

Deposit remains of the wood post alongside the aluminum post to project 16 inches above ground.

Set a steel fence post alongside the aluminum post.

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY No. 4327, NYANZA LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Build collar of stone, 3 feet diameter, around the aluminum post.

Corner is located on moderately steep northwest facing slope; thick juniper and pinon.

From this corner, corner No. 4, Lakes of Killarney Lode, Lot 167, bears N. $31^{\circ}24.9$ W., 4.615 chains distance, hereinbefore described.

N. $1^{\circ}08.3'$ W., on line 2-3.

- 2.534** The point of intersection with line 3-4, Lakes of Killarney lode, Lot No. 167, hereinbefore described.
- 8.463** The point of intersection with line 4-1, Lakes of Killarney lode, Lot No. 167, hereinbefore described.
- 22.756** Corner No. 3, Nyanza lode, Mineral Survey No. 4327, monumented with an embedded mound of stone, 3 1/2 feet base, 1 1/2 feet high, with the decayed remains of a wood post, 4 inches square, 41 inches long, illegible scribe marks visible on a face, lying loose approximately 20 feet downhill, from which the original bearing tree,

A juniper, twin trunk, 10 inches diameter, bears N. $26^{\circ}09.2'$ W., 5.8 links distance, marked 3 4327 BT, on an open blaze.
(Record: N. 10° W., 4.5 links)

At the corner point (center of mound)

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with aluminum cap marked:

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T5SR4W
      S21
┌───┐
│ C3 │
│ MS4327 │
│ NL  │
└───┘

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2014

Deposit a magnet in a plastic case beneath the aluminum post.

Deposit remains of the wood post alongside the aluminum post to project 18 inches above ground.

Set a steel fence post alongside the aluminum post.

Corner is located on a steep west facing slope; thick juniper and pinon; 60 links west of gravel mining road, bears northwest and southeast.

S. $89^{\circ}00.3'$ W., on line 3-4.

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY No. 4327, NYANZA LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

9.042 Corner No. 4, Nyanza lode, Mineral Survey No. 4327, determined at record bearing and distance from the original bearing tree,

A juniper, 9 inches diameter, bears S. 22°10' W., 34.1 links distance, with a fully healed blaze.

Immediately alongside this corner point is a scattered and partially embedded mound of stone.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, in mound of stone, 2 1/2 feet base, to top of aluminum cap marked:

T5SR4W

S21 C4
MS4327
NL

2014

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on gentle south facing slope; thick juniper and scattered pinon; 90 links east of gravel mining road, bears northeast and southwest.

S. 1°08.3' E., on line 4-1.

22.755 Corner No. 1, Nyanza lode, Mineral Survey No. 4327.

Dependent Resurvey of a Portion of
Mineral Survey No. 4925, Irene Lode

The Reestablishment of the Survey Executed by C.A. Herman in 1902

From Corner No. 2, Irene lode, Mineral Survey No. 4925, perpetuated by Nolan C. Hathcock in 2002 (plat No. 03-0009-01), with a rebar, 5/8 inch diameter, firmly set, projecting 9 inches above ground, with a yellow plastic cap marked HATHCOCK LS166346, in a mound of stone, 2 1/2 feet base, 1 foot high; lying loose alongside is a wood post, 6 inches square, 40 inches long, with partial scribe marks 492 visible on a face, from which the original bearing tree,

A juniper, 7 inches diameter, bears N. 48°30.2' E., 15.9 links distance, marked + BT 2 4925 on an open blaze.

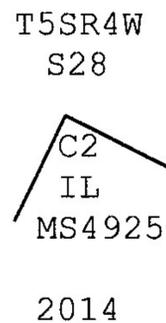
CHAINS

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY NO. 4925, IRENE LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH
(Record, N. 51°35' E.)

This position is accepted as a careful and faithful perpetuation of the original corner position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 23 inches in the ground, to solid rock, in the mound of stone, 2 1/2 feet base, to top of aluminum cap marked:



Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the rebar inside the aluminum post.

Deposit the wood post remains alongside the aluminum post to project 24 inches above ground.

Set a steel fence post alongside the aluminum post.

Corner is located on a gentle south facing slope; juniper and pinon.

S. 35°54.4' W., on a portion of line 2-1, Irene lode, Mineral Survey No. 4925.

16.768 Point of intersection with the E-W center line of section 28, hereinafter surveyed and described.

17.549 A rebar, established by Nolan C. Hathcock in 2002 (plat No. 03-0009-01), 5/8 inch diameter, firmly set, projecting 3 inches above ground, with a yellow plastic cap marked HATHCOCK LS166346, and steel fence post alongside. This position is accepted as a careful and faithful determination of line 1-2, Irene lode, Mineral Survey No. 4925.

From Corner No. 2, Irene lode, Mineral Survey No. 4925.

S. 53°48.0' E., on line 2-3, Irene lode, Mineral Survey No. 4925.

4.594 Point for a witness point at north center end line of lode, monumented with a mound of stone, 2 feet base, 6 inches high, with the decayed fragments of a wood post lying loose alongside; this position was also identified by Nolan C. Hathcock, Utah

DEPENDENT RESURVEY OF A PORTION OF
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Registered Professional Land Surveyor No. 166346, in 2002 (plat No. 03-0009-01).

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with aluminum cap marked:

T5SR4W
WP
S28
/ |
MS4925
IL
2014

Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the wood post fragments alongside the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on a gentle south facing slope; juniper and pinon.

From this point, the south center end line of lode bears S. 36°00.4' W., 22.738 chains distance, monumented with an embedded mound of stone, 2 1/2 feet base, 6 inches high. This position was recovered in efforts to verify other points of control during the course of this resurvey; in order to perpetuate this position, at the center of the embedded mound, I drive a rebar, 5/8 inch diameter, 18 inches long, 17 inches in the ground, with an unmarked orange plastic cap.

S. 56°00.2' E., beginning new measurement.

1.766 The point of intersection with line 2-3, Ophir No. 2 lode, Mineral Survey No. 3508.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with aluminum cap marked:

T5SR4W
S28
/ |
MS4925 MS3508
IL O2L
2014

Deposit a magnet in a plastic case beneath the aluminum post.

DEPENDENT RESURVEY OF A PORTION OF
MINERAL SURVEY NO. 4925, IRENE LODGE,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set a steel fence post alongside the aluminum post.

Corner is located on a gentle south facing slope; thick juniper and pinon.

From this point, corner No. 3, Irene lode, Mineral Survey No. 4925, bears S. $56^{\circ}00.2'$ E., 8.5 links distance, perpetuated by Nolan C. Hathcock in 2002 (plat No. 03-0009-01), with a rebar, 5/8 inch diameter, firmly set, projecting 6 inches above ground, with a yellow plastic cap marked HATHCOCK LS166346, in a mound of stone, 4 feet base, 1 foot high. Lying loose alongside are the decayed remains of a wood post, 2 x 6 inches, 24 inches long, no scribes visible. Although this rebar is a careful and faithful perpetuation of the original corner position, its position creates an overlap with Mineral Survey No. 3508, and is used only for alignment of the north end line of Mineral Survey No. 4925.

The Subdivision of Section 28,
T. 5 S., R. 4 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 28 and 33.

N. $2^{\circ}05.9'$ W., on the N-S center line of section 28.

20.366 Point for the center S 1/16 section corner of section 28.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, in a collar of stone, with aluminum cap marked:

T5SR4W
C
S1/16 | S28
C
2014

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on moderately steep northwest facing slope in a clearing surrounded by thick juniper and pinon.

From this point, a small mound of six stones, with a wood post, 3 inches diameter, 42 inches long, lying loose alongside, bears S. $23^{\circ}44.1'$ W., 24.5 links distance. This position was not utilized during the course of this survey.

40.732 The center 1/4 section corner of section 28, at the intersection with the E-W center line, established by Nolan C. Hathcock in 2002 (plat No. 2002-0014-01), monumented with a rebar, 5/8 inch

THE SUBDIVISION OF SECTION 28,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

diameter, 24 inches long, firmly set, projecting 3 inches above the ground, with yellow plastic cap marked HATHCOCK LS166346, with a steel fence post alongside.

This position is accepted as a careful and faithful determination of the corner position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, in a mound of stone, 2 1/2 feet base, to top of aluminum cap marked:

T5SR4W

C1/4 S28

2014

Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the rebar inside the aluminum post.

Retain the steel fence post alongside the aluminum post.

Corner is located on southeast facing slope; 23 links west of a small wash, drains south; thick juniper and pinon.

61.097 The center N 1/16 section corner of section 28, established by Nolan C. Hathcock in 2002 (plat No. 2002-0014-01), monumented with a rebar, 5/8 inch diameter, 24 inches long, firmly set, projecting 6 inches above the ground, with yellow plastic cap marked HATHCOCK LS166346, with a steel fence post alongside.

This position is accepted as a careful and faithful determination of the corner position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 25 inches in the ground, in a collar of stone, with aluminum cap marked:

T5SR4W

C

N1/16 | S28

C

2014

Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the rebar, inverted, inside the aluminum post.

Retain the steel fence post alongside the aluminum post.

THE SUBDIVISION OF SECTION 28,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Corner is located on steep west facing slope; thick juniper and pinon.

81.462 The 1/4 section corner of sections 21 and 28.

From the 1/4 section corner of section 28 only.

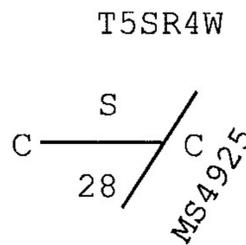
S. 89°05.5' W., on the E-W center line of section 28.

3.314 Point of intersection with line 1-4, Ophir No. 4 lode, Mineral Survey No. 3507, not monumented.

Continue, across patented mineral surveys.

24.841 Point of intersection with line 1-2, Irene lode, Mineral Survey No. 4925.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with aluminum cap marked:



2014

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on level ground in grassy clearing of sagebrush.

Leave patented mineral surveys.

40.066 The center 1/4 section corner of section 28.

60.066 The center W 1/16 section corner of section 28, established by Nolan C. Hathcock in 2002 (plat No. 2002-0014-01), monumented with a rebar, 5/8 inch diameter, firmly set, projecting 3 inches above the ground, with yellow plastic cap marked HATHCOCK LS166346, with a steel fence post alongside.

This position is accepted as a careful and faithful determination of the corner position.

Corner is located 39 links east of a gravel road, 12 feet wide, bears N. 6° E. and S. 6° W.

80.066 The 1/4 section corner of sections 28 and 29.

THE SUBDIVISION OF SECTION 28,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

From the S 1/16 section corner of section 28 only.

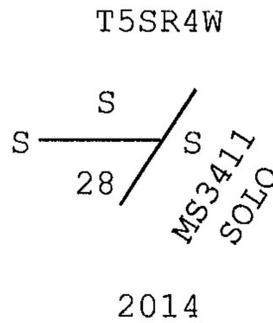
S. 89°00.5' W., on the E-W center line of the SE 1/4 of section 28.

- 17.891** Point of intersection with line 4-1, Ophir Mine lode, Mineral Survey No. 3505, hereinbefore described.

Continue across patented mineral surveys.

- 26.035** Point of intersection with line 2-3, Solo lode, Mineral Survey No. 3411.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with aluminum cap marked:



From which

A pinon, 12 inches diameter, bears N. 83°38.1' E., 5.0 links distance, with a MAG nail driven into a small blaze, 2 feet above ground.

Deposit a magnet in a plastic case beneath the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on steep west facing slope; thick pinon and juniper.

Leave patented mineral surveys.

- 40.004** The center S 1/16 section corner of section 28.

From the center W 1/16 section corner of section 28.

N. 2°09.3' W., on the N-S center line of the NW 1/4 of section 28.

- 20.404** The NW 1/16 section corner of section 28, at the intersection with the E-W center line of the NW 1/4, established by Nolan C. Hathcock in 2002 (plat No. 2002-0014-01), monumented with a rebar, 5/8 inch diameter, 24 inches long, firmly set, projecting 1 inch above the ground, with yellow plastic cap marked HATHCOCK LS166346.

This position is accepted as a careful and faithful determination

THE SUBDIVISION OF SECTION 28,
TOWNSHIP 5 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

of the corner position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, in a collar of stone, with aluminum cap marked:

T5SR4W

NW1/16 S28

2014

Deposit a magnet in a plastic case beneath the aluminum post.

Deposit the rebar, inverted, inside the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on gentle south facing slope along west side of a two-track trail road, 9 feet wide, bears N. 10° E. and S. 10° W.; sagebrush, juniper, and pinon.

40.808 The point for the W 1/16 section corner of sections 21 and 28.

From the center N 1/16 section corner of section 28.

S. 89°12.0' W., on the E-W center line of the NW 1/4 of section 28.

20.020 The NW 1/16 section corner of section 28.

40.040 The N 1/16 section corner of sections 28 and 29.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Matthew N. Gillins	Survey Technician
Christopher May	Student Trainee
Jacob Murdoch	Student Trainee

CERTIFICATE OF SURVEY

I, *Matthew J. Kurchinski, Cadastral Surveyor*, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the *October 18, 2013*, I have *dependently resurveyed a portion of the subdivisional lines, a portion of the mineral surveys, and subdivided section 28, in Township 5 South, Range 4 West*, of the *Salt Lake Meridian*, in the State of *Utah*, which are 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 Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

APRIL 16, 2015

Date

Matthew J. Kurchinski

Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the subdivisional lines, a portion of the mineral surveys, and subdivision of section 28, in Township 5 South, Range 4 West, Salt Lake Meridian, Utah*, executed by *Matthew J. Kurchinski, Cadastral Surveyor*, having been critically examined and found correct, are hereby approved.

April 17, 2015

Date

Daniel W. Webb

Chief Cadastral Surveyor for Utah