### **ORIGINAL**

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE
SURVEY
OF
THE SOUTH AND NORTH
BOUNDARIES,
AND
THE SUBDIVISIONAL LINES,
TOWNSHIP 31 NORTH, RANGE 21 EAST,
Of theGila and Salt River Meridian,
In the State of Arizona
EXECUTED BY
Jones Curtiss, Cadastral Surveyor

Under Special Instructions dated and approved <u>August 14, 2000</u>, and Supplemental Special Instructions dated and approved <u>January 22, 2001</u>, which provided for the surveys included under Group Number <u>855</u> and assignment instructions dated <u>August 14, 2000</u>.

Survey Commenced March 7, 2001
Survey Completed April 4, 2001

#### INDEX DIAGRAM

TOWNSHIP 31 NORTH , RANGE 21 EAST ,

#### GILA AND SALT RIVER MERIDIAN, ARIZONA

p										
14		13		12		11		10	•	9
6	61	5	49	4	41	3	32	2	24	1
61		60		48		40		31		23
7	59	8	48	9	39	10	31	11	22	12
		2							i	
58		58		47	-	38	-	30		21
18	57	17	46	16	38	15	29	14	21	13
56		56		46		37		28		20
19	55	20	45	21	36	22	28	23	19	24
			•		-					
54		53		44	-	35		27		18
30	52	29	43	28	34	27	26	26	17	25
51		51		43		34		25		16
31	50	32	41	33	33	34	24	35	16	36
8		7		7		5		4		4

#### T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

#### CHAINS

The following field notes describe the survey of the south and north boundaries, and the subdivisional lines, Township 31 North, Range 21 East, Gila and Salt River Meridian, Arizona.

The Fifth Guide Meridian East, (east boundary), of Township 31 North, Range 20 East, was surveyed by Leonard R. Sandoval in 1999. The south and west boundaries of Township 31 North, Range 22 East, were surveyed by Jones Curtiss, in 2000, concurrently under this same group.

The survey was executed in accordance with the specifications as set forth in the <u>Manual of Instructions for the Survey of the Public Lands of the United States, 1973</u>, the Special Instructions dated August 14, 2000, and the Supplemental Special Instructions dated January 22, 2001, for Group No. 855, Arizona.

The true meridian directions and lengths of all lines were determined by real time kinematic and static global positioning system observations using Trimble 4400 and 4700 model receivers.

Geodetic control was derived from first order or better U. S. Coast and Geodetic Survey triangulation stations "BEAUTIFUL 1951" and "KEAMS 1951", as published by the National Geodetic Survey, NAD83(1992). The geographic position of the southeast corner of the township is as follows:

Latitude: 36°02'29.35" N. Longitude: 110°01'43.21" W.

The mean magnetic declination is 12° E.

CHAINS	
	Beginning at the cor. of Tps. 30 and 31 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the south boundary, T. 31 N., R. 22 E., executed concurrently under this same group.
	West, bet. secs. 1 and 36.
	Over gently rolling land, in Polacca Wash valley.
30.10	Navajo Route 67, a graded road, 20 ft. wide, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S35   S36
	S 2 S 1 T30N 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 2 and 35.
	Over gently rolling land, in Polacca Wash valley.

Survey of the South Boundary, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

9.00	Polacca Wash, 80 ft. wide, 30 ft. deep, drains SW.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S35 1/4 —— S 2 T30N
	2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S34   S35
	S 3 S 2 T30N 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 2.90 chs. E. of a trail road, bears N. and S.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 3 and 34.
	Over gently rolling land, in Polacca Wash valley.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

CHAINS	
	T31N R21E
	S34
	1/4
1	S 3
	T3ON
	2001
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white colored plastic case beneath the stainless steel post.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,

24 ins. below the surface of the ground, with brass cap mkd.

Point for the cor. of secs. 3, 4, 33 and 34.

T31N R21E S33 | S34 S 4 | S 3 T30N 2001

from which

80.00

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 30°00′ E., 56.0 ft. dist., with brass cap mkd. T31N R21E S34 RM 56.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post. Set a steel fence post nearby.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 60°00′ E., 112.0 ft. dist., with brass cap mkd. T30N R21E S3 RM 112.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a  $1 \times 1 \times 2$  5/8 ins. white colored plastic case beneath the stainless steel post. Set a steel fence post nearby.

Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post at the sec. cor.

Cor. is located 93 lks. E. of the center of Navajo Route 65, asphalt pavement, 32 ft. wide, bears SSE and NNW.

Survey of the South Boundary, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 4 and 33.
	Over rolling land, on ascent along the N. slope of Whippoorwill Spring Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	S33
÷	1/4 —
	S 4 T30N
	2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Thence over rolling and broken land, along the N. slope of Whippoorwill Spring Mesa.
80.00	Point for the cor. of secs. 4, 5, 32 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S32   S33
	S 5   S 4 T30N 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling and broken. Soil, sand and sandy clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	West, bet. secs. 5 and 32.

CHAINS	Over rolling and broken land, along the N. slope of Whippoorwill Spring Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 32.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 5, 6, 31 and 32.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S31   S32
	S 6   S 5 T3ON 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 1.21 chs. E. of a barbed wire fence, 6 strands, bears SE and NW.
	Land, rolling and broken. Soil, sandy and rocky clay. Timber, piñon and juniper; undergrowth, brush and native grasses.
	West, bet. secs. 6 and 31.
	Over rolling land, on descent of the W. slope of Whippoorwill Spring Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey of the South Boundary, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	T31N R21E
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 1.34 chs. S. of a barbed wire fence, 4 strands, bears E. and W.
49.40	Navajo Route 61, a graded road, 25 ft. wide, bears NNE and SSW.
61.70	Burnt Corn Wash, 200 ft. wide, 15 ft. deep, drains S.; thence ascend the E. slope of First Mesa.
78.97	The cor. of Tps. 30 and 31 N., Rs. 20 and 21 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T31N R20E R21E S36 S31 S1 S6 T30N 1999.
	Add the marks 2001 to the brass cap.
	Cor. is located alongside a juniper stump; at the base of the SE slope of a spur ridge of First Mesa, bears NE and SW.
	Land, rolling. Soil, sandy and rocky clay. Timber, piñon and juniper at E. and W. ends; undergrowth, scattered brush and native grasses.
	Survey of the North Boundary, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona
	From the cor. of Tps. 31 and 32 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 31 N., R. 22 E., executed concurrently under this same group.
	West, bet. secs. 1 and 36.
	Over rolling land, atop a mesa.
39.70	W. rim of a mesa, bears ENE and WSW; thence over broken land, on descent of the W. slope of a mesa.

Survey of the North Boundary, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS 40.00	Point for the 1/4 sec. cor. of secs. 1 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in sandstone bedrock, with brass cap mkd.
	T32N R21E
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located on the first ledge below the rim of a mesa, 3 lks. N. of a sandstone cliff, 10 ft. high, bears ENE and WSW.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T32N R21E S35   S36 S 2   S 1 T31N 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	West, bet. secs. 2 and 35.
	Over broken and rolling land, along the N. slope of a mesa.
38.80	Wash, 5 ft. wide, 3 ft. deep, drains NNW.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T32N R21E S35 1/4 — S 2
T31N 2001
Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. White colored plastic case beneath the stainless steel post.
Point for the cor. of secs. 2, 3, 34 and 35.
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
T32N R21E S34   S35
S 3 S 2 T31N 2001
Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
Land, broken and rolling. Soil, rocky and sandy clay. Timber, piñon and juniper; undergrowth, brush and native grasses.
West, bet. secs. 3 and 34.
Over rolling land, along the N. slope of a mesa.
Point for the 1/4 sec. cor. of secs. 3 and 34.
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
T32N R21E
Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the North Boundary, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Thence over gently rolling land, in Burnt Corn Valley.
67.80	Navajo Route 8068, a graded road, 20 ft. wide, bears NE and SW.
80.00	Point for the cor. of secs. 3, 4, 33 and 34.
	Set a magnet enclosed in a 1 x 1 x 2 5/8 ins. white colored plastic case, 24 ins. below the surface of the ground.
	from which
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 30°00′ E., 50.0 ft. dist., with brass cap mkd. T32N R21E S34 RM 50.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 30°00′ W., 50.0 ft. dist., with brass cap mkd. T31N R21E S4 RM 50.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located in the center of a wash, 20 ft. wide, 10 ft. deep, drains W. in curve to right.
	Land, rolling to gently rolling. Soil, sand and sandy clay. Timber, piñon and juniper in E. half; undergrowth, scattered brush and native grasses.
	West, bet. secs. 4 and 33.
	Over gently rolling land, in Burnt Corn Valley.
3.20	Left bank of Burnt Corn Wash, 20 ft. high, bears NNE and SSW; thence across Burnt Corn Wash.
4.60	Right bank of Burnt Corn Wash, 20 ft. high, bears ENE and WSW; thence leave wash.
8.40	Right bank of Burnt Corn Wash, 20 ft. high, bears ESE and WNW; thence across Burnt Corn Wash.
13.90	Right bank of Burnt Corn Wash, 20 ft. high, bears NE and SW; thence leave wash.

CHAINS	
38.80	Wash, 40 ft. wide, 20 ft. deep, drains SSE.
30.00	masily to it. wide, to it. deep, araile sea.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T32N R21E S33
	1/4
	S 4
	T31N 2001
	2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 4, 5, 32 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T32N R21E
	S32   S33
	S 5   S 4 T31N 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 30 lks. E. of a trail road, bears NNE and SSW.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 5 and 32.
	Over gently rolling land, in Burnt Corn Valley.
8.50	Navajo Route 8068, a graded road, 20 ft. wide, bears NNE and SSW; thence over rolling and broken land, on ascent of the E. slope of a narrow mesa.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 32.
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CHAINS				

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T32N R21E S32 1/4 — S 5 T31N 2001

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Cor. is located on the E. slope of a narrow mesa, at the NW edge of a sandstone boulder,  $6 \times 5 \times 2$  ft. high.

Thence over an inaccessible narrow mesa, bears N. and S.

80.00 Point for the cor. of secs. 5, 6, 31 and 32.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T32N R21E S31 | S32 S 6 | S 5 T31N 2001

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Cor. is located on the W. slope of a narrow mesa.

Land, gently rolling to rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.

West, bet. secs. 6 and 31.

Over rolling and broken land, on descent into a small valley.

39.90 Wash, 2 ft. wide, 2 ft. deep, drains S.

40.00 Point for the 1/4 sec. cor. of secs. 6 and 31.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

CHAINS	
	T32N R21E
	S31
	1/4 —
	S 6
	T31N
	2001
	from which
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 20°00' E., 60.0 ft. dist., with brass cap mkd. T32N R21E 1/4 S31 RM 60.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 20°00′ W., 150.0 ft. dist., with brass cap mkd. T31N R21E 1/4 S6 RM 150.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 30 lks. N. of a wash, 20 ft. wide, 2 ft. deep, drains SE in curve to right.
	Thence over rolling land, across ridges.
78.45	The cor. of Tps. 31 and 32 N., Rs. 20 and 21 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T32N R2OE R21E S36 S31 S1 S6 T31N 1999.
	Add the marks 2001 to the brass cap.
	Land, rolling and broken.
	Soil, rocky and sandy clay.
	Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
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Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

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CHAINS	
	From the cor. of secs. 1, 2, 35 and 36. on the S. bdy. of the Tp., hereinbefore described.
	N. 0°01' W., bet. secs. 35 and 36.
	Over gently rolling land, in Polacca Wash valley.
3.80	Polacca Wash, 80 ft. wide, 30 ft. deep, drains WSW.
40.00	Point for the 1/4 sec. cor. of secs. 35 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4 S35   S36 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
55.60	High voltage transmission line, bears ENE and WSW.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S26   S25
	S35 S36 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 31 N., R. 22 E., executed concurrently under this same group.
	West, bet. secs. 25 and 36.
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CHAINS	
	Over gently rolling land, in Polacca Wash valley.
7.20	Left bank of Polacca Wash, 30 ft. high, bears NE and SW; thence across Polacca Wash.
10.60	Left bank of Polacca Wash, 30 ft. high, bears SE and NW; thence leave wash.
15,60	Left bank of Polacca Wash, 30 ft. high, bears NE and SW; thence across Polacca Wash.
16.50	High voltage transmission line, bears ENE and WSW; identical with right bank of Polacca Wash, 30 ft. high, bears NE and SW; thence leave wash.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	S25 1/4 ——
	S36
	2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 25, 26, 35 and 36.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°01' W., bet. secs. 25 and 26.
	Over gently rolling land, in Polacca Wash valley.
35.26	S. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway.
37.17	Navajo Route 4, asphalt pavement, 25 ft. wide, bears NE and SW.
39.05	N. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 26.

	T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	1/4 S26   S25
	2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Thence over rolling land, along the W. edge of Polacca Wash valley.
80.00	Point for the cor. of secs. 23, 24, 25 and 26.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S23   S24
	<del></del>
	S26   S25 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, gently rolling to rolling.
	Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 31 N., R. 22 E., executed concurrently under this same group.
	West, bet. secs. 24 and 25.
	Over gently rolling land, in Polacca Wash valley.
20.81	E. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway.
23.57	Navajo Route 4, asphalt pavement, 25 ft. wide, bears NE and SW.
26.06	W. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 24 and 25.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	from which
	The SW cor. of a vinyl sided house, 64 x 32 ft., bears S. 72 3/4° E., 2.635 chs. dist., long side bears NNE.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 1.90 chs. E. of Navajo Route 29, a graded road, 20 ft. wide, bears NNE and SSW; thence over rolling land, on ascent.
80.00	The cor. of secs. 23, 24, 25 and 26.
	Land, gently rolling to rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°01' W., bet. secs. 23 and 24.
	Over rolling and broken land, across spur ridges on the W. edge of Polacca Wash valley.
40.00	Point for the 1/4 sec. cor. of secs. 23 and 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4 S23   S24 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 13, 14, 23 and 24.

#### CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in sandstone bedrock, with brass cap mkd.

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Land, rolling and broken.

Soil, sandy and rocky clay with sandstone outcrops.

Timber, piñon and juniper; undergrowth, scattered brush and native grasses.

From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 31 N., R. 22 E., executed concurrently under this same group.

West, bet. secs. 13 and 24.

Over gently rolling land, in Polacca Wash valley.

40.00

Point for the 1/4 sec. cor. of secs. 13 and 24.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Thence over rolling and broken land, on ascent from Polacca Wash valley.

80.00

The cor. of secs. 13, 14, 23 and 24.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

#### CHAINS

Land, gently rolling to rolling and broken.

Soil, sandy and rocky clay.

Timber, piñon and juniper in W. half; undergrowth, scattered brush and native grasses.

N. 0°01' W., bet. secs. 13 and 14.

Over broken land, along the E. slope of a mesa.

40.00 Point for the 1/4 sec. cor. of secs. 13 and 14.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T31N R21E 1/4 S14 | S13 2001

Deposit a magnet in a  $1 \times 1 \times 2$  ins. white colored plastic case beneath the stainless steel post.

48.00 S. rim of a mesa, bears NE and SW; thence over rolling land, atop a mesa.

80.00 Point for the cor. of secs. 11, 12, 13 and 14.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Deposit a magnet in a 1  $\times$  1  $\times$  2 ins. white colored plastic case beneath the stainless steel post.

Land, broken to rolling.

Soil, sandy and rocky clay with sandstone outcrops.

Timber, piñon and juniper; undergrowth, brush and native grasses.

From the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 31 N., R. 22 E., executed concurrently under this same group.

	1. 31 N., R. 21 E., Gila and Salt River Reliation, All 2010
CHAINS	
	West, bet. secs. 12 and 13.
	Over broken land, on ascent of the E. slope of a mesa.
38.70	Top of narrow spur ridge of a mesa, bears NE and SW; thence over rolling land, on descent.
40.00	Point for the 1/4 sec. cor. of secs. 12 and 13.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located just below the W. rim of a narrow spur ridge of a mesa, bears NNE and SSW.
	Thence over rolling and broken land, across a small canyon.
43.70	E. rim of a mesa, bears NE and SW; thence over rolling land, atop a mesa.
80.00	The cor. of secs. 11, 12, 13 and 14.
	Land, broken and rolling. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	N. 0°01' W., bet. secs. 11 and 12.
	Over rolling land, atop a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 11 and 12.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	1/4 S11   S12 2001

r. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona
Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
Point for the cor. of secs. 1, 2, 11 and 12.
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
T31N R21E S 2   S 1
S11 S12 2001
Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
Land, rolling. Soil, sand and sandy clay. Timber, piñon and juniper; undergrowth, brush and native grasses.
From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 31 N., R. 22 E., executed concurrently under this same group.
West, bet. secs. 1 and 12.
Over broken land, on ascent of the E. slope of a mesa.
E. rim of a mesa, bears N. and S.; thence over rolling land, atop a mesa.
Point for the 1/4 sec. cor. of secs. 1 and 12.
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
T31N R21E  S 1  1/4 —  S12  2001
Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
The cor. of secs. 1, 2, 11 and 12.

	1. of N., N. 21 2., office disc butt kivel heritatali, herzona
CHAINS	
	Land, broken to rolling. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	N. 0°01' W., bet. secs. 1 and 2.
	Over rolling and broken land, atop a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 2.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	1/4 S 2   S 1 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 2.10 chs. S. of the N. rim of a mesa, bears E. and W.
	Thence over broken land, on descent of the N. slope of a mesa.
80.00	The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., hereinbefore described.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°01' W., bet. secs. 34 and 35.
	Over gently rolling land, in Polacca Wash valley.
24.70	High voltage transmission line, bears ENE and WSW.
40.00	Point for the 1/4 sec. cor. of secs. 34 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

CHAINS	
	T31N R21E 1/4
	S34   S35 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 85 lks. E. of a trail road, bears N. and S.
54.91	S. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway.
56.73	Navajo Route 4, asphalt pavement, 26 ft. wide, bears ENE in curve to left.
58.60	N. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway; thence over rolling land, leaving Polacca Wash valley.
80.00	Point for the cor. of secs. 26, 27, 34 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S27   S26
	S34 S35 2001
·	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 1.10 chs. S. of a trail road, bears ENE and WSW.
	Land, gently rolling to rolling. Soil, sand and sandy clay. Timber, piñon and juniper N. of highway; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 25, 26, 35 and 36.
	West, bet. secs. 26 and 35.
	Over gently rolling land, in Polacca Wash valley.
40.00	Point for the 1/4 sec. cor. of secs. 26 and 35.
	I

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
46.41	E. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway.
46.70	A brass tablet, 3 ins. diam., set flush in a concrete collar, 6 ins. diam., firmly set, projecting 2 ins. above ground, bears North, 74 lks. dist., with top mkd. B.I.A. ROADS, with a nearby angle iron, mkd. P.O.T. 1358+22.30 on a face.
48.90	Navajo Route 4, asphalt pavement, 26 ft. wide, bears NE and SW.
51.42	W. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway; thence over rolling land, leaving Polacca Wash valley.
80.00	The cor. of secs. 26, 27, 34 and 35.
	Land, gently rolling to rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	N. 0°01' W., bet. secs. 26 and 27.
	Over rolling land, across ridges.
18.30	Base of the S. slope of a mesa, bears SE and NW; thence over broken land, on ascent of the S. slope of a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 26 and 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4 S27   S26 2001

CHAINS	
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
58.80	S. rim of a mesa, bears NE and SW; thence over rolling land, atop a mesa.
80.00	Point for the cor. of secs. 22, 23, 26 and 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S22   S23
	S27 S26 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	From the cor. of secs. 23, 24, 25 and 26.
	West, bet. secs. 23 and 26.
	Over rolling and broken land, on ascent of the E. slope of a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 23 and 26.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S23 1/4 —
	S26 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located at the W. edge of a sandstone boulder, 12 x 10 x 3 ft. high, and 2 lks. E. of the E. edge of another boulder, 7 x 2 x 2 ft. high.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	1. 31 M., R. 21 E., Gila and Sait River Meridian, Arizona
49.30	Base of steep slope below the E. rim of a mesa, bears NNE and SSW; thence over broken land, on abrupt ascent.
56.40	E. rim of same mesa, bears NE and SW; thence over rolling land, atop a mesa.
80.00	The cor. of secs. 22, 23, 26 and 27.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	N. 0°01' W., bet. secs. 22 and 23.
	Over rolling land, atop a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 22 and 23.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4
	S22   S23 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 14, 15, 22 and 23.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S15   S14
	S22 S23 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sandy and rocky clay. Timber, piñon and juniper; undergrowth, brush and native grasses.
	From the cor. of secs. 13, 14, 23 and 24.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	1. SI N., R. ZI E., GIIA AND SAIT RIVEL PRETICIAN, ALIZONA
	West, bet. secs. 14 and 23.
	Over broken land, on ascent of the E. slope of a mesa.
36.60	E. rim of a mesa, bears N. and S.; thence over rolling land, atop a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 14 and 23.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E  S14  1/4 —  S23  2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 14, 15, 22 and 23.
	Land, broken to rolling. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	N. 0°01' W., bet. secs. 14 and 15.
	Over rolling land, atop a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 14 and 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	1/4 S15   S14 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
52.10	S. rim of a canyon, bears ESE and WNW; thence over broken land, across a canyon.
72.40	N. rim of same canyon, bears NNE and SSW; thence over rolling land, atop a mesa.

CHAINS	
80.00	Point for the cor. of secs. 10, 11, 14 and 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S10   S11
	S15 S14 2001
	Deposit a magnet in a $1 \times 1 \times 2$ 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling and broken. Soil, sandy and rocky clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	From the cor. of secs. 11, 12, 13 and 14.
	West, bet. secs. 11 and 14.
	Over rolling land, atop a mesa.
24.20	E. rim of a canyon, bears ENE and WSW; thence over broken land, along a canyon.
40.00	Point for the 1/4 sec. cor. of secs. 11 and 14.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S11
	1/4 ————————————————————————————————————
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located on the S. slope of a small canyon, just E. of the junction with the main canyon, at the S. edge of a sandstone boulder, 2 x 2 1/2 x 3ft. high.
	Thence over broken and rolling land, across the main canyon and atop a mesa.
80.00	The cor. of secs. 10, 11, 14 and 15.

CHAINS	
	Land, rolling and broken. Soil, sandy and rocky clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	N. 0°01' W., bet. secs. 10 and 11.
	Over rolling land, atop a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 10 and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4 S10   S11 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 2, 3, 10, and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 3   S 2 
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sandy and rocky clay. Timber, piñon and juniper; undergrowth, brush and native grasses.
	From the cor. of secs. 1, 2, 11 and 12.
	West, bet. secs. 2 and 11.
	Over rolling land, atop a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 11.

CHAINS	
Set a stainless steel post, 28 ins. long, 2 1/2 i 24 ins. in the ground, with brass cap mkd.	ns. diam.,
T31N R21E	
S 2	
1/4 — S11	
2001	
Deposit a magnet in a 1 x 1 x 2 5/8 ins. white co	plored plastic
80.00 The cor. of secs. 2, 3, 10 and 11.	
Land, rolling. Soil, sandy and rocky clay. Timber, piñon and juniper; undergrowth, brush and	i native grasses.
N. 0°01' W., bet. secs. 2 and 3.	
Over rolling land, atop a mesa.	
N. rim of a mesa, bears E. and W; thence over bromouths of canyons draining westerly.	oken land, across
40.00 Point for the 1/4 sec. cor. of secs. 2 and 3.	
Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. in place, in a drill hole, in sandstone bedrock,	-
T31N R21E	
1/4 S 3   S 2	
2001	
Deposit a magnet in a $1 \times 1 \times 2$ 5/8 ins. white cocase in the drill hole beneath the brass tablet.	plored plastic
Thence over broken land, across a spur ridge of a descend the N. slope of a mesa.	n mesa, then
80.01 The cor. of secs. 2, 3, 34 and 35, on the N. bdy. hereinbefore described.	of the Tp.,

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling to broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°02' W., bet. secs. 33 and 34.
	Over gently rolling land, in a valley.
12.10	High voltage transmission line, bears E. and W.
38.80	Powerline , bears ENE and WSW.
39.75	S. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, bears ENE and WSW.
40.00	Point for the 1/4 sec. cor. of secs. 33 and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4 S33   S34 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located 1.36 chs. S. of the center of Navajo Route 4, asphalt pavement, 26 ft. wide; and 2.90 chs. S. of the N. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, both bear ENE and WSW.
	Thence over rolling land, on ascent along the E. slope of a mesa.
79.65	Trail road, bears E. and W.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

CHAINS	
	T31N R21E
	S28   S27
	900 904
	S33   S34 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sand and sandy clay. Timber, piñon and juniper N. of highway; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 26, 27, 34 and 35.
	West, bet. secs. 27 and 34.
	Over rolling land, across ridges.
40.00	Point for the 1/4 sec. cor. of secs. 27 and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	\$27 1/4 ——
	S34
	2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Thence over rolling land, across the mouth of a large canyon.
80.00	The cor. of secs. 27, 28, 33 and 34.
	Land, rolling. Soil, sand and sandy clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
. 1	N. 0°02' W., bet. secs. 27 and 28.
	Over rolling and broken land, along the E. slope of a mesa.
39.75	Wash, 6 ft. wide, 1 ft. deep, drains SE in curve to left.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 27 and 28.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4 S28   S27 2001
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	True point for the cor. of secs. 21, 22, 27 and 28, falls on face of a sandstone ledge, where it is impracticable to establish a monument.
	From this true cor. point, the point selected for the witness cor. to the cor. of secs. 21, 22, 27 and 28, bears S. 48°00′ W., 2.90 chs. dist.
·	Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole, in sandstone bedrock, with top mkd.
	WC T31N R21E S21   S22 S28   S27 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case in the drill hole beneath the brass tablet.
	True point is located 80 lks. E. and 70 lks. S. of the E. rim of a mesa, bears NE and SW.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	From the cor. of secs. 22, 23, 26 and 27.
	West, bet. secs. 22 and 27.
	Over rolling land, atop a mesa.
21.00	W. rim of a mesa, bears N. and S.; thence over broken land, across a wide canyon.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

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T31N R21E S16   S15	
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S21 S22 2001	
Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.	
Cor. is located 2.65 lks. W. of a trail road, bears NE and SW.	
Land, rolling. Soil, sandy and rocky clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasse	s.
From the cor. of secs. 14, 15, 22 and 23.	
West, bet. secs. 15 and 22.	
Over rolling land, atop a mesa.	
W. rim of a mesa, bears N. and S.; thence over broken land, across a canyon.	
40.00 Point for the 1/4 sec. cor. of secs. 15 and 22.	
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in sandstone bedrock, with brass cap mkd.	
T31N R21E  S15  1/4 —  S22  2001	
Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.	
Cor. is located on the W. slope of a canyon, 60 lks. W. of the top of a small sandstone cliff, bears NE and SW.	
E. rim of a mesa, bears NE and SW; thence over rolling land, a mesa.	.op
80.00 The cor. of secs. 15, 16, 21 and 22.	

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Land, rolling and broken.

Soil, rocky and sandy clay with sandstone outcrops.

Timber, piñon and juniper; undergrowth, brush and native grasses.

N. 0°02' W., bet. secs. 15 and 16.

Over rolling land, atop a mesa.

40.00 Point for the 1/4 sec. cor. of secs. 15 and 16.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T31N R21E 1/4 S16 | S15 2001

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

- 76.10 S. rim of a canyon, bears E. and W.; thence over broken land, on descent into a canyon.
- 80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Deposit a magnet in a 1  $\times$  1  $\times$  2 ins. white colored plastic case beneath the stainless steel post.

Land, rolling to broken.

Soil, rocky and sandy clay with sandstone outcrops.

Timber, piñon and juniper; undergrowth, brush and native grasses.

From the cor. of secs. 10, 11, 14 and 15.

West, bet. secs. 10 and 15.

Over rolling land, atop a mesa.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
17.40	E. rim of a small canyon, bears SE and NW; thence over broken land, across a canyon.
19.20	W. rim of same canyon, bears N. and S.; thence over rolling land, atop a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 10 and 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S10 1/4 — S15 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
76.70	W. rim of a mesa, bears N. and S.; thence over broken land, on descent into a canyon.
80.00	The cor. of secs. 9, 10, 15 and 16.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	N. 0°02' W., bet. secs. 9 and 10.
	Over broken land, across a canyon.
8.10	S. rim of small spur ridge of a mesa, bears ENE and WSW; thence over rolling land, atop small spur ridge of a mesa.
15.20	N. rim of same spur ridge, bears NE and SW; thence over broken land, across a canyon.
20.40	S. rim of large spur ridge of a mesa, bears ENE and WSW; thence over rolling land, atop large spur ridge of a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 9 and 10.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

CHAINS	
	T31N R21E
	1/4 S 9   S10
	2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
57.50	N. rim of same large spur ridge, bears ENE and WSW; thence over broken land, on descent of the N. slope of a mesa.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 4   S 3
	S 9 S10 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	From the cor. of secs. 2, 3, 10 and 11.
	West, bet. secs. 3 and 10.
	Over rolling land, atop a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 10.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 3
	1/4 — S10 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

	1. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Cor. is located 2.80 chs. E. of the W. rim of a mesa, bears ENE and WSW.
	Thence over broken land, on descent of the W. slope of a mesa.
80.00	The cor. of secs. 3, 4, 9 and 10.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	N. 0°02' W., bet. secs. 3 and 4.
	Over rolling to gently rolling land, on descent into Burnt Corn Valley.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 4.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	1/4 S 4   S 3 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
69.00	Navajo Route 8068, a graded road, 20 ft. wide, bears NE and SW.
80.01	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., hereinbefore described.
	Land, rolling to gently rolling. Soil, sand and sandy clay. Timber, piñon and juniper in S. quarter; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°03' W., bet. secs. 32 and 33.
	Over rolling and broken land, on descent into a small valley.
12.10	High voltage transmission line, bears E. and W.; thence over rolling land, across a small valley.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
21.34	S. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway.
22.58	Navajo Route 4, asphalt pavement, 26 ft. wide, bears NE in curve to right.
24.51	N. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway.
40.00	Point for the 1/4 sec. cor. of secs. 32 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4 S32   S33 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located at the base of the S. slope of a mesa, bears ESE and WNW.
	Thence over broken land, on ascent of the S. slope of a mesa.
75.50	S. rim of a mesa, bears E. and W.; thence over rolling land, atop a mesa.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in sandstone bedrock, with brass cap mkd.
	T31N R21E S29   S28
	S32 S33 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

	1. SI N., R. ZI H., GITA AIM SAIT MIVEL MELLAM, MIZZONA
CHAINS	
	From the cor. of secs. 27, 28, 33 and 34.
	West, bet. secs. 28 and 33.
	Over rolling and broken land, on ascent of the E. slope of a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	from which
	The marks X BO, chiseled on the top of a sandstone boulder, 30 x 15 x 6 ft. high, bear S. 77° E., 1.02 chs. dist.
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 2.60 chs. E. of the W. rim of a mesa, bears NNE and SSW.
	Thence over rolling and broken land, atop a mesa and across the heads of canyons.
80.00	The cor. of secs. 28, 29, 32 and 33.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°03' W., bet. secs. 28 and 29.
	Over rolling land, atop a mesa.
17.30	N. rim of a mesa, bears NE and SW; thence over broken land, along the W. slope of a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 29.

#### CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T31N R21E 1/4 S29 | S28 2001

Deposit a magnet in a 1  $\times$  1  $\times$  2 ins. white colored plastic case beneath the stainless steel post.

80.00

Point for the cor. of secs. 20, 21, 28 and 29.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T31N R21E S20 | S21 S29 | S28 2001

Deposit a magnet in a 1  $\times$  1  $\times$  2 ins. White colored plastic case beneath the stainless steel post.

Land, rolling and broken.

Soil, rocky and sandy clay with sandstone outcrops.

Timber, piñon and juniper; undergrowth, brush and native grasses.

From the true point for the cor. of secs. 21, 22, 27 and 28.

West, bet. secs. 21 and 28.

Over rolling land, atop a mesa.

40.00

Point for the 1/4 sec. cor. of secs. 21 and 28.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

	1. 31 N., R. 21 E., Gila and Sait River Meridian, Arizona
CHAINS	
54.00	W. rim of a mesa, bears ESE and WNW; thence over broken land, on descent of the W. slope of a mesa.
80.00	The cor. of secs. 20, 21, 28 and 29.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	N. 0°03' W., bet. secs. 20 and 21.
	Over broken land, along the W. slope of a mesa.
38.50	S. rim of spur ridge of a mesa, bears NE and SW; thence over rolling land, atop spur ridge of a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 20 and 21.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4 S20   S21 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
44.50	N. rim of spur ridge of a mesa, bears NE and SW; thence over broken land, along the W. slope of a mesa.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S17   S16
	S20 S21 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 90 lks. W. of the base of a steep slope beneath the W. rim of a mesa, bears NNE and SSW.

	T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Land, broken and rolling. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	From the cor. of secs. 15, 16, 21 and 22.
	West, bet. secs. 16 and 21.
·	Over rolling land, atop a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 16 and 21.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
,	S16 1/4 —
	S21
	2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
71.60	W. rim of a mesa, bears N. and S.; thence over broken land, on descent of the W. slope of a mesa.
80.00	The cor. of secs. 16, 17, 20 and 21.
	Land, rolling and broken. Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.
	N. 0°03' W., bet. secs. 16 and 17.
	Over rolling and broken land, along the W. slope of a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 16 and 17.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4
	S17   S16 2001

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Thence over rolling land, along the E. edge of Burnt Corn Valley.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 8   S 9
	S17 S16 2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling and broken. Soil, rocky and sandy clay. Timber, piñon and juniper; undergrowth, brush and native grasses.
	From the cor. of secs. 9, 10, 15 and 16.
	West, bet. secs. 9 and 16.
	Over broken land, on descent into the head of a small valley.
6.60	Base of slope at the head of a small valley, bears NNE and SSW; thence over gently rolling land, on descent along a small valley.
40.00	Point for the 1/4 sec. cor. of secs. 9 and 16.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 9 1/4 — S16 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 8, 9, 16 and 17.
	I

	T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Land, broken to gently rolling. Soil, sandy and rocky clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°03' W., bet. secs. 8 and 9.
	Over gently rolling land, along the E. edge of Burnt Corn Valley.
40.00	Point for the 1/4 sec. cor. of secs. 8 and 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	1/4 S 8   S 9 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
58.10	Navajo Route 8068, a graded road, 20 ft. wide, bears NNE and SSW.
80.00	Point for the cor. of secs. 4, 5, 8 and 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 5   S 4
	S 8 S 9 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
	Land, gently rolling. Soil, sand and sandy clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 3, 4, 9 and 10.

West, bet. secs. 4 and 9.

Over rolling land, along the N. slope of a mesa.

	T. 31 N., R. 21 E., Glid and Salt River Meridian, Arizona
CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 4 and 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 4 1/4 — S 9 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 ins. white colored plastic case beneath the stainless steel post.
65.10	Navajo Route 8068, a graded road, 20 ft. wide, bears NE and SW; thence over gently rolling land, in Burnt Corn Valley.
80.00	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling to gently rolling. Soil, sand and sandy clay. Timber, piñon and juniper in E. half; undergrowth, scattered brush and native grasses.
	N. 0°02' W., bet. secs. 4 and 5.
	Over gently rolling land, in Burnt Corn Valley.
23.10	Burnt Corn Wash, 100 ft. wide, 20 ft. deep, drains W.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 5.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	1/4 S 5   S 4 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp., hereinbefore described.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	1. ST N., R. 21 E., GITA AIM SAIT RIVEL MELIUTAII, ALIZOIA
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°03' W., bet. secs. 31 and 32.
	Over rolling land, on descent into a small valley.
12.10	High voltage transmission line, bears E. and W.
34.30	Graded road, 20 ft. wide, bears ENE and WSW; thence begin ascent from same valley.
40.00	Point for the 1/4 sec. cor. of secs. 31 and 32.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4 S31   S32 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
51.63	S. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway.
53.65	Navajo Route 4, asphalt pavement, 26 ft. wide, bears SE in curve to left.
55.59	N. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S30   S29 S31   S32 2001

#### CHAINS

Deposit a magnet in a 1  $\times$  1  $\times$  2 5/8 ins. white colored plastic case beneath the stainless steel post.

From this cor. point, a third order U. S. Geological Survey benchmark, bears N. 85°14′ W., 9.29 chs. dist., monumented with a standard aluminum tablet, 3 1/2 ins. diam., set flush in a sandstone boulder, 9 x 8 x 3 ft. high, cemented in place, with top mkd. 6225 G51 DOR 1964.

Land, rolling.

Soil, rocky and sandy clay.

Timber, piñon and juniper outside valley; undergrowth, scattered brush and native grasses.

From the cor. of secs. 28, 29, 32 and 33.

West, bet. secs. 29 and 32.

Over rolling land, atop a mesa.

- 7.50 W. rim of a mesa, bears NE and SW; thence over broken land, on descent of the W. slope of a mesa.
- 40.00 | Point for the 1/4 sec. cor. of secs. 29 and 32.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T31N R21E S29 1/4 —— S32 2001

Deposit a magnet in a 1  $\times$  1  $\times$  2 ins. white colored plastic case beneath the stainless steel post.

Thence over rolling land, on descent of the W. slope of a mesa.

80.00 | The cor. of secs. 29, 30, 31 and 32.

Land, broken to rolling.

•

Soil, rocky and sandy clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, brush and native grasses.

West, bet. secs. 30 and 31.

Over rolling land, on descent.

	1. SI N., N. ZI ZI, GITA ANA BATO NIVOI INSTITUTAN, INTIDONA
CHAINS	
6.42	E. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, parallels highway; thence over gently rolling land, in Burnt Corn Valley.
7.88	Navajo Route 4, asphalt pavement, 26 ft. wide, bears N. and S.
9.74	W. right-of-way fence of Navajo Route 4, barbed wire, 5 strands, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 30 and 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
57.40	Burnt Corn Wash, 80 ft. wide, 25 ft. deep, drains SE; thence over rolling to broken land, on ascent from Burnt Corn Valley.
73.40	E. rim of First Mesa, bears SSE and NNW; thence over rolling land, atop First Mesa.
78.88	The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T31N R20E R21E S25 S30 S36 S31 1999.
	Add the marks 2001 to the brass cap.
	Land, rolling, gently rolling and broken. Soil, sandy and rocky clay with sandstone outcrops. Timber, piñon and juniper at W. edge of valley; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 29, 30, 31 and 32.
	N. 0°03' W., bet. secs. 29 and 30.
	Over gently rolling land, along the E. edge of Burnt Corn Valley.
39.55	Trail road, bears ENE and WSW.

	1. 51 M., R. 21 D., Glid did balt River Heridian, Alizona
CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 29 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E 1/4
	S30   S29 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 19, 20, 29 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S19   S20
	S30 S29 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 1.70 chs. E. of a powerline, bears SSE and WNW.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 20, 21, 28 and 29.
	West, bet. secs. 20 and 29.
	Over rolling and broken land, on descent of the W. slope of a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 20 and 29.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

	1. 51 N., K. 21 E., Gila and batt Kivel heridian, hirzona
CHAINS	
	T31N R21E S20
	1/4 —
	S29
	2001
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Thence over rolling land, across small ridges.
80.00	The cor. of secs. 19, 20, 29 and 30.
	Land, rolling and broken. Soil, rocky and sandy clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	West, bet. secs. 19 and 30.
	Over gently rolling land, in Burnt Corn Valley.
20.00	Navajo Route 8068, a graded road, 20 ft. wide, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	S19
	1/4 —— S30
	2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
58.10	Burnt Corn Wash, 50 ft. wide, 30 ft. deep, drains SSE.
78.79	The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T31N R2OE R21E S24 S19 S25 S30 1999.
	Add the marks 2001 to the brass cap.
	Cor. is located on the S. edge of a trail road, bears E. and W.

CH		

Land, gently rolling.

Soil, sand and sandy clay.

No timber; scattered brush and native grasses.

From the cor. of secs. 19, 20, 29 and 30.

N. 0°03' W., bet. secs. 19 and 20.

Over gently rolling land, along the E. edge of Burnt Corn Valley.

40.00

Point for the 1/4 sec. cor. of secs. 19 and 20.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Deposit a magnet in a 1  $\times$  1  $\times$  2 5/8 ins. white colored plastic case beneath the stainless steel post.

Thence over gently rolling land, in Burnt Corn Valley.

77.00

Navajo Route 8068, a graded road, 20 ft. wide, bears NNE and SSW.

80.00

Point for the cor. of secs. 17, 18, 19 and 20.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Cor. is located 1.40 chs. W. of Navajo Route 8068, a graded road, 20 ft. wide, bears NNE and SSW.

Land, gently rolling.

Soil, sand and sandy clay.

No timber; scattered brush and native grasses.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	1. 31 N., R. 21 E., Gila and Sait River Meridian, Arizona
	From the cor. of secs. 16, 17, 20 and 21.
·	West, bet. secs. 17 and 20.
	Over rolling and broken land, on descent of the W. slope of a mesa.
40.00	Point for the 1/4 sec. cor. of secs. 17 and 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Thence over gently rolling land, in Burnt Corn Valley.
80.00	The cor. of secs. 17, 18, 19 and 20.
	Land, rolling and broken to gently rolling. Soil, rocky and sandy clay. Timber, piñon and juniper in E. half; undergrowth, scattered brush and native grasses.
	West, bet. secs. 18 and 19.
	Over gently rolling land, in Burnt Corn Valley.
40.00	Point for the 1/4 sec. cor. of secs. 18 and 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
53.70	Burnt Corn Wash, 150 ft. wide, 20 ft. deep, drains SE.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

	•	1. SI N., R. ZI E., GIIA AIM SAIL RIVEL MELIUTAII, ALIZOIA
Γ	CHAINS	
	78.70	The cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T31N R2OE R21E S13 S18 S24 S19 1999.
		Add the marks 2001 to the brass cap.
		Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
		From the cor. of secs. 17, 18, 19 and 20.
		N. 0°03' W., bet. secs. 17 and 18.
		Over gently rolling land, in Burnt Corn Valley.
	39.00	Trail road, bears E. and W.
l	40.00	Point for the 1/4 sec. cor. of secs. 17 and 18.
		Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
		T31N R21E 1/4 S18   S17 2001
		Deposit a magnet in a $1 \times 1 \times 2$ 5/8 ins. white colored plastic case beneath the stainless steel post.
-	76.30	Left bank of Burnt Corn Wash, 20 ft. high, bears NNE and SSW; thence descend into Burnt Corn Wash.
	80.00	Point for the cor. of secs. 7, 8, 17 and 18.
		Set a magnet enclosed in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case, 24 ins. below the surface of the ground.
1		from which
		A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 70°00′ E., 90.0 ft. dist., with brass cap mkd. T31N R21E S17 RM 90.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
- 1		

#### CHAINS

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 70°00′ W., 70.0 ft. dist., with brass cap mkd. T31N R21E S7 RM 70.0 FT TO COR 2001 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.

Cor. is located in Burnt Corn Wash, 145 ft. wide, 20 ft. deep, drains SSW; 1.00 ch. E. of the right bank.

Land, gently rolling.
Soil, sand and sandy clay.

No timber; scattered brush and native grasses.

From the cor. of secs. 8, 9, 16 and 17.

West, bet. secs. 8 and 17.

Over gently rolling land, in Burnt Corn Valley.

26.10 Navajo Route 8068, a graded road, 20 ft. wide, bears NNE and SSW.

40.00 Point for the 1/4 sec. cor. of secs. 8 and 17.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T31N R21E S 8 1/4 — S17 2001

Deposit a magnet in a 1  $\times$  1  $\times$  2 ins. white colored plastic case beneath the stainless steel post.

80.00 The cor. of secs. 7, 8, 17 and 18.

Land, gently rolling. Soil, sand and sandy clay.

No timber; scattered brush and native grasses.

West, bet. secs. 7 and 18.

Over gently rolling land, in Burnt Corn Valley.

24.00 Navajo Route 8068, a graded road, 25 ft. wide, bears NE and SW.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	T. ST N., R. 21 E., STR and Salt River Resident, AF1201a
38.80	Trail road, bears SE and NW.
40.00	Point for the 1/4 sec. cor. of secs. 7 and 18.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 7 1/4 —
	S18 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Thence over gently rolling land, in a small valley.
78.61	The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T31N R2OE R21E S12 S7 S13 S18 1999.
	Add the marks 2001 to the brass cap.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 7, 8, 17 and 18.
	N. 0°03' W., bet. secs. 7 and 8.
	Over gently rolling land, in Burnt Corn Valley.
38.60	Navajo Route 8068, a graded road, 25 ft. wide, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 7 and 8.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E
	1/4 S 7   S 8 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.

CHAINS	
	Cor. is located 50 lks. W. of Navajo Route 8068, a graded road, 25 ft. wide, bears NNE and SSW.
80.00	Point for the cor. of secs. 5, 6, 7 and 8.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 6   S 5
	S 7   S 8 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 1.75 chs. S. of a trail road, bears E. in curve to left.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 4, 5, 8 and 9.
	West, bet. secs. 5 and 8.
	Over gently rolling land, in Burnt Corn Valley.
13.18	Barbed wire fence, 5 strands, bears SE and NW.
23.40	Burnt Corn Wash, 150 ft. wide, 20 ft. deep, drains SW.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 8.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 5 1/4 — S 8 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
60.10	Navajo Route 8068, a graded road, 25 ft. wide, bears NE and SW.

Survey of the Subdivisional Lines, T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
80.00	The cor. of secs. 5, 6, 7 and 8.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 6 and 7.
	Over gently rolling land, in a valley.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 7.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T31N R21E S 6
	1/4 — S 7 2001
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 10 lks. S. of a faint trail road, bears E. and W.
78.53	The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T31N R2OE R21E S1 S6 S12 S7 1999.
	Add the marks 2001 to the brass cap.
	Cor. is located 80 lks. N. of a trail road, bears NE and SW.
	Land, gently rolling. Soil, sand and sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 5, 6, 7 and 8.
	N. 0°03' W., bet. secs. 5 and 6.
	Over rolling land, on ascent from Burnt Corn Valley.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 6.

#### CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T31N R21E 1/4 S 6 | S 5 2001

Deposit a magnet in a 1  $\times$  1  $\times$  2 5/8 ins. white colored plastic case beneath the stainless steel post.

Cor. is located 17 lks. E. of the E. edge of a sandstone boulder, 10 x 12 x 15 ft. high.

Thence over rolling and broken land, along the  $\mbox{W.}$  slope of a narrow mesa.

80.00 The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., hereinbefore described.

Land, rolling and broken. Soil, sandy and rocky clay.

Timber, piñon and juniper; undergrowth, scattered brush and native grasses.

#### T. 31 N., R. 21 E., Gila and Salt River Meridian, Arizona

#### **CHAINS**

#### GENERAL DESCRIPTION

The area surveyed is just north of the community of Whippoorwill, Arizona. Half of the township is occupied by a large unnamed mesa, with rolling land atop it and broken land on its slopes. Burnt Corn Valley runs along the west edge of the township, and Polacca Wash valley is in the extreme southeastern portion; with both containing gently rolling land. Burnt Corn Wash drains southerly and Polacca Wash drains southwesterly.

The elevation varies from 6100 to 7280 feet above sea level. The soil is mostly sand and sandy clay in the valleys, transitioning to sandy and rock clay with sandstone outcrops on the mesas. There are healthy stands of piñon and juniper above the valleys. There is brush and native grasses on the mesas; becoming scattered in the valleys.

Principal access is provided by Navajo Route 4, a paved highway, which enters the township in section 24 and exits in section 30. There are some graded roads and numerous trail roads throughout the township. Much of the area is used for grazing livestock. There are permanent homesites throughout the valleys. There is no evidence of current mining activity in the township.

The mean magnetic declination of 12° E. was derived from the computer program GEOMAGIX utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### FIELD ASSISTANTS

NAMES	CAPACITY		
William F. Olver	Cadastral Surveyor		
Leonard R. Sandoval	Cadastral Surveyor		
Daniel Bryan	Engineering Technician		
Wilfred Chee	Engineering Technician		
Edward Clarke	Engineering Technician		
Reuben Mason	Engineering Technician		
Barney Woodie	Engineering Technician		

#### CERTIFICATE OF SURVEY

I, Jones Curtiss, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 14th day of August, 2000, and Supplemental Special Instructions bearing date of the 22nd day of January, 2001, I have surveyed the south and north boundaries, and the subdivisional lines, Township 31 North, Range 21 East, of the Gila and Salt River Meridian, in the state of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said surveys have been made in strict conformity with said Special Instructions, Supplemental Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

March 01, 2004	Lones Curliso	_
(Daté)	(Cadastral Surveyor)	

#### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Arizona State Office Phoenix, Arizona

The foregoing field notes of the survey of the south and north boundaries, and the subdivisional lines, Township 31 North, Range 21 East, Gila and Salt River Meridian, Arizona, executed by Jones Curtiss, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

March 10, 2004 (Date)	Henry D Ravnikar
(Date)	(Chief Cadastral Surveyor of Arizona)
	CERTIFICATE OF TRANSCRIPT
	ranscript of the field notes of the above-described Gila and Salt River Meridian, Arizona, is a true copy
(Date)	(Chief Cadastral Surveyor of Arizona)