

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SUBDIVISION OF SECTION 21,

TOWNSHIP 6 SOUTH, RANGE 19 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated March 12, 2001, approved March 12, 2001, which provided for the surveys included under Group No. 867, and assignment instructions dated March 12, 2001.

Survey commenced March 17, 2001

Survey completed April 4, 2001

INDEX DIAGRAM

TOWNSHIP 6 SOUTH RANGE 19 EAST

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T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 21, T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows:

In 1877, Theodore F. White surveyed a portion of the subdivisional lines. In 1924, Glen F. Sawyer and Theodore Vander Meer, resurveyed a portion of the subdivisional lines and completed the survey of the remaining subdivisional lines.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated March 12, 2001, for Group No. 867, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 4400 model receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and 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 were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from second order U. S. Coast and Geodetic Survey control station DEER 1946, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the cor. of secs. 21, 22, 27 and 28, is as follows:

Latitude: 32° 53' 24.53" N. Longitude: 110° 24' 04.84" W.
NAD83(1992)

The mean magnetic declination is 11½° E.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Theodore F. White, in 1877

Beginning at the cor. of secs. 21, 22, 27 and 28, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 2½ ft. base, 1 ft. high, with brass cap mkd. T6S R19E S21 S22 S28 S27 1924.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
39.38	<p>from which the original bearing tree</p> <p>A juniper, 19 ins. diam., bears N. 66° W., 150 lks. dist., with scribe marks T6S R19E S21 BT visible on partially opened blaze.</p> <p>and the 1924 bearing trees</p> <p>A juniper, 10 ins. diam., bears N. 9½° E., 182 lks. dist., with scribe marks T6S R19E S2 visible on partially opened blaze.</p> <p>A juniper, 12 ins. diam., bears S. 62½° W., 214 lks. dist., with scribe marks T6S R19E S28 BT visible on partially opened blaze.</p> <p>Original cedar post loosely set alongside the iron post.</p> <p>Add the marks 2001 to the brass cap.</p> <p>From this cor. point, U. S. Coast and Geodetic Survey triangulation station DEER 1946, bears N. 44°35' W., 176.60 chs. dist., monumented with a standard brass disk, 3½ ins. diam., cemented flush in top of rock outcropping, 1 x 1 x 3 ft. above ground, with top mkd. DEER 1946 and a triangle.</p> <p>N. 0°18' E., bet. secs. 21 and 22.</p> <p>Ascend over rolling and mountainous land, through moderate brush and scattered juniper timber.</p> <p>The 1/4 sec. cor. of secs. 21 and 22, determined from the original bearing trees.</p> <p>A juniper, 12 ins. diam., bears N. 18° E., 36 lks. dist., with scribe marks 1/4 S visible on a partially healed blaze. (Record: North)</p> <p>A juniper, 16 ins. diam., bears S. 44° W., 84 lks. dist., with scribe marks 1/4 S visible on partially opened blaze. (Record: S. 38° W.)</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 16 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T6S R19E 1/4 S21 S22 2001</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
39.11	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located on a steep N. facing slope.</p> <hr/> <p>N. 0°11' W., beginning new measurement.</p> <p>Over mountainous land, through moderate brush and scattered juniper timber.</p> <p>The cor. of secs. 15, 16, 21 and 22, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 3½ ft. base, 1 ft. high, with brass cap mkd. T6S R19E S16 S15 S21 S22 1924.</p> <p>from which the 1924 bearing trees</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears N. 78¼° E., 67 lks. dist., with scribe marks T6S R19E S15 BT visible on partially opened blaze.</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears S. 81° W., 150 lks. dist., with scribe marks T6S R19E S21 BT visible on partially opened blaze.</p> <p style="padding-left: 40px;">A juniper, 9 ins. diam., bears N. 41° W., 210 lks. dist., with scribe marks T6S R19E S16 BT visible on partially opened blaze.</p> <p>Add the marks 2001 to the brass cap.</p> <hr/> <p style="text-align: center;">Restoring the resurvey executed by Glenn F. Sawyer and Theodore Vander Meer, in 1924</p> <hr/> <p>From the cor. of secs. 21, 22, 27 and 28.</p> <p>S. 88°33' W., bet. secs. 21 and 28.</p> <p>Descend over rolling and mountainous land.</p>
37.76	<p>The witness cor. to the 1/4 sec. cor. of secs. 16 and 21, determined from the remaining 1924 bearing tree.</p> <p style="padding-left: 40px;">A cottonwood, 72 ins. diam., bears S. 36° E., 150 lks. dist., with a healed blaze.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>The point for the witness cor. falls in the bed of Aravaipa Canyon road, where it is impracticable to establish a permanent monument.</p> <hr style="width: 20%; margin: 10px auto;"/>
	<p>S. 88°33' W., beginning new measurement</p>
2.30	<p>Point for the 1/4 sec. cor. of secs. 21 and 28, at proportionate dist.</p>
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T6S R19E S21 1/4 ——— S28 2001</p>
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
	<p>from which</p>
	<p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2½ ins. diam., set 23 ins. in the ground for a reference monument, bears N. 77°30' E., 77.4 ft. dist., with brass cap mkd. RM T6S R19E S21 77.4 FT TO COR 2001 and an arrow pointing to the corner.</p>
	<p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2½ ins. diam., set 26 ins. in the ground for a reference monument, bears S. 23°53' E., 84.2 ft. dist., with brass cap mkd. RM T6S R19E S28 84.2 FT TO COR 2001 and an arrow pointing to the corner.</p>
	<p>Over bottomland.</p>
22.33	<p>True point for the W. 1/16 sec. cor. of secs. 21 and 28, falls on the face of near vertical cliff, where it is impracticable to establish a permanent monument.</p>
23.33	<p>Point selected for the witness cor. to the W. 1/16 sec. cor. of secs. 21 and 28.</p>
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
42.36	<div style="text-align: center;"> WC T6S R19E S21 W 1/16 ————— → S28 2001 </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located 50 lks. W. of near vertical cliff, in mountainous land.</p> <p>The cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2 ins. diam., firmly set, projecting 33 ins. above ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd. T6S R19E S20 S21 S29 S28 1924.</p> <p>from which the 1924 bearing trees</p> <p style="padding-left: 40px;">A juniper, 16 ins. diam., bears N. 29° E., 457 lks. dist., with scribe marks T6S R19E S21 BT visible on partially opened blaze. (Record: N. 32½° E.)</p> <p style="padding-left: 40px;">A burnt juniper stump, 24 ins. diam., bears S. 31½° W., 207 lks. dist. (Record: S. 28¾° W., 210 lks. dist.)</p> <p>Add the marks 2001 to the brass cap.</p> <hr/> <p>N. 0°08' E., bet. sec. 20 and 21.</p> <p>Descend over mountainous land.</p>
17.38	<p>Point selected for the witness cor. to the S. 1/16 sec. cor. of secs. 20 and 21.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 7 ins. in the ground, to bedrock, in a mound of stone, 5 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> WC T6S R19E S 1/16 S20 S21 ↑ 2001 </div> <p>from which</p> <p style="padding-left: 40px;">A juniper, 5 ins. diam., bears S. 6° W., 37 lks. dist., mkd. X at breast height and BT at base.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
19.955	True point for the S. 1/16 sec. cor. of secs. 20 and 21, falls at the bottom of a deep gulch, where is it impracticable to establish a permanent monument.
36.00	Foot of canyon wall, thence over bottom lands.
39.50	Aravaipa Creek, 23 lks. wide, 1 ft. deep, course N. 45° W.
39.91	Point for the 1/4 sec. cor. of secs. 20 and 21, at proportionate dist.; there is no remaining evidence of the 1924 witness cor.
	Set an aluminum drive rod, 72 ins. long, 3/8 in. diam., 66 ins. in the ground, in a collar of stone, with aluminum cap mkd.
	<p style="text-align: center;">T6S R19E 1/4 S20 S21 2001</p>
	from which
	<p style="text-align: center;">A stainless steel post, 28 ins. long, 2½ ins. diam., set 23 ins. in the ground for a reference monument, bears S. 17°44' W., 165.4 ft. dist., with brass cap mkd. RM T6S R19E S20 165.4 FT TO COR 2001 and an arrow pointing to the corner.</p>
	<p style="text-align: center;">A stainless steel post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears S. 57°57' W., 144.8 ft. dist., with brass cap mkd. RM T6S R19E S20 144.8 FT TO COR 2001 and an arrow pointing to the corner.</p>
	Set a steel fence post alongside the aluminum drive rod.
	Cor. is located on a bench within the flood plain of Aravaipa Creek.
48.85	Aravaipa Canyon Road, bladed, 23 lks. wide, bears S. 45° E. and N. 45° W.
57.45	Bear Canyon Road, bladed, 12 lks. wide, bears N. 45° E. and S. 45° W., thence ascend.
59.865	Point for the N. 1/16 sec. cor. of secs. 20 and 21.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
79.82	<p style="text-align: center;">T6S R19E N 1/16 S20 S21 2001</p> <p>from which</p> <p>A forked juniper, 15 ins. diam., bears S. $30\frac{3}{4}^{\circ}$ E., 66.5 lks. dist., mkd. N 1/16 S21 BT on a limb, 5 ins. diam.</p> <p>A forked juniper, 13 ins. diam., bears S. 49° W., 22 lks. dist., mkd. N 1/16 S20 BT on a limb, 5 ins. diam.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>The cor. of secs. 16, 17, 20 and 21, monumented with a granite stone, 18 X 16 X 12 ins., firmly set, 6 ins. in the ground, in a scattered mound of stone, mkd. with 4 notches on the E. face and 3 notches on the S. face.</p> <p>from which the original bearing trees</p> <p>A juniper stump, 14 ins. diam., bears North, 133 lks. dist., mkd. TVIS RXIX XXI on a faded blaze. (Record: N. 1° E.)</p> <p>A juniper stump, 14 ins. diam., bears S. 62° E., 82 lks. dist., mkd. TVIS RXIXE XXI on a faded blaze.</p> <p>and the 1924 bearing trees</p> <p>A juniper, 12 ins. diam., bears S. $46\frac{3}{4}^{\circ}$ W., 247 lks. dist., with fragmentary marks visible on a partially healed over blaze. (Record: S. $22\frac{1}{2}^{\circ}$ W.)</p> <p>A juniper snag, bears N. 12° W., 36 lks. dist., with a charred blaze on a limb, 6 ins. diam. (Record: N. $41\frac{1}{4}^{\circ}$ W., 38 lks. dist.)</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS																					
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T6S R19E</td></tr> <tr><td>S17</td><td>S16</td></tr> <tr><td colspan="2">-----</td></tr> <tr><td>S20</td><td>S21</td></tr> <tr><td colspan="2">2001</td></tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Bury the original stone alongside the stainless steel post.</p> <hr/> <p>From the cor. of secs. 15, 16, 21 and 22.</p> <p>S. 88°47' W., bet. secs. 16 and 21.</p> <p>Over mountainous land, through scattered juniper timber.</p> <p>39.47 The 1/4 sec. cor. of secs. 16 and 21, monumented with a granite stone, 18 X 12 X 6 ins., firmly set, 13 ins. in the ground, in a scattered mound of stone, mkd. with 1/4 on top face.</p> <p>from which the original bearing tree</p> <p style="padding-left: 40px;">A juniper snag, 20 ins. diam., bears N. 46° W., 43 lks. dist., no marks visible. (Record: N. 48¾° W.)</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 16 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T6S R19E</td></tr> <tr><td colspan="2">S16</td></tr> <tr><td>1/4</td><td>-----</td></tr> <tr><td colspan="2">S21</td></tr> <tr><td colspan="2">2001</td></tr> </table> <p>from which a new bearing tree</p> <p style="padding-left: 40px;">A juniper, 7 ins. diam., bears S. 62½ ° E., 45.5 lks. dist., mkd. 1/4 S21 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Bury the original stone alongside the stainless steel post.</p> <hr/> <p>N. 89°49' W., beginning new measurement.</p>	T6S R19E		S17	S16	-----		S20	S21	2001		T6S R19E		S16		1/4	-----	S21		2001	
T6S R19E																					
S17	S16																				

S20	S21																				
2001																					
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S16																					
1/4	-----																				
S21																					
2001																					

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.52	<p>Over mountainous land.</p> <p>The cor. of secs. 16, 17, 20 and 21.</p>
	<hr/> <p>Subdivision of Section 21, T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>From the 1/4 sec. cor. of secs. 21 and 28.</p> <p>N. 0°29' E., on the N. and S. center line of sec. 21.</p> <p>Over bottom lands.</p>
3.00	<p>Aravaipa Canyon Road, bladed, 23 lks. wide, bears N. 20° E. and S. 20° W., thence leave bottom lands.</p>
19.825	<p>Point for the center S. 1/16 sec. cor. of sec. 21.</p> <p>Not monumented.</p>
39.65	<p>Point for the center 1/4 sec. cor. of sec. 21, at intersection of the E. and W. center line of sec. 21.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T6S R19E C 1/4 S21 2001</p> <p>from which</p> <p style="text-align: center;">A juniper, 6 ins. diam., bears N. 37¾° W., 59 lks. dist., mkd. C 1/4 S21 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located on a steep NW facing slope.</p>
40.08	<p>A rebar, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with a 1½ ins. diam. lead cap mkd. CENT SEC 21 LS 12900.</p> <p>This monument was established by Norman W. Wisner, Arizona Registered Land Surveyor No. 12900. According to an unrecorded plat obtained of Wisner's subdivision of sec. 21, the original 1/4 sec. cor. of secs. 21 and 22 and the original cor. of secs. 16, 17, 20 and 21 were not recovered. Therefore this position is not accepted as a careful and faithful determination of the position of the cor.</p>

Subdivision of Section 21,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
78.67	The 1/4 sec. cor of secs. 16 and 21. <hr/>
	From the 1/4 sec. cor. of secs. 21 and 22. S. 88°56' W., on the E. and W. center line of sec. 21. Over mountainous land.
39.92	The center 1/4 sec. cor. of sec. 21.
41.09	Barbed wire fence, 4 strand, bears S. 20° E. and N. 20° W.
42.42	From this point, a rebar, 5/8 in. diam., firmly set, projecting 3 ins. above ground, with 1½ ins. diam. aluminum cap mkd. LS 12900 12 13, bears N., 0.46 ch. dist.
44.42	Barbed wire fence, 4 strand, bears N. 70° E. and S. 70° W.
44.93	From this point, a rebar, 5/8 in. diam., firmly set, projecting 3 ins. above ground, with 1½ ins. diam. aluminum cap mkd. LS 12900 11 12, bears N., 0.50 ch. dist.
49.10	Martinez Canyon wash, 200 lks. wide, 2 ft. deep, course S. 70° W.
49.94	From this point, a rebar, 5/8 in. diam., firmly set, projecting 1 in. above ground, with 1½ ins. diam. aluminum cap mkd. LS 12900 9 10, bears N., 0.57 ch. dist.
52.45	From this point, a rebar, 5/8 in. diam., firmly set, projecting 1 in. above ground, with 1½ ins. diam. aluminum cap mkd. LS 12900 8 9, bears N., 0.60 ch. dist.
54.95	From this point, a rebar, 5/8 in. diam., firmly set, projecting 5 ins. above ground, with 1½ ins. diam. aluminum cap mkd. LS 12900 7 8, bears N., 0.64 ch. dist.
59.96	From this point, a rebar, 5/8 in. diam., firmly set, projecting 5 ins. above ground, with 1½ ins. diam. aluminum cap mkd. LS 12900 1/16, bears N., 0.71 ch. dist.
60.07	Point for the center W. 1/16 sec. cor. of sec. 21. Not monumented.
69.40	Aravaipa Canyon Road, bladed, 23 lks. wide, bears S. 70° E. and N. 70° W., thence across bottom lands.
69.80	Barbed wire fence, 4 strand, bears S. 70° E. and N. 70° W.

Subdivision of Section 21,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
80.22	The 1/4 sec. cor. of secs. 20 and 21.
	<hr/> SW 1/4 Section 21 <hr/>
	From the true point for the W. 1/16 sec. cor. of secs. 21 and 28.
	N. 0°19' E., on the N. and S. center line of the SW 1/4 of sec. 21.
	Descend over mountainous land.
0.50	Top of shear vertical cliff, edge bears S. and N. 20° W., thence descend into Aravaipa Canyon.
19.89	Point for the SW 1/16 sec. cor. of sec. 21, at intersection with the E. and W. center line of the SW 1/4 of sec. 21, falls in the bed of Aravaipa Creek, where it is impracticable to establish a permanent monument.
39.78	The point for the center W. 1/16 sec. cor. of sec. 21.
	<hr/> From the point for the center S. 1/16 sec. cor. of sec. 21.
	S. 88°44' W., on the E. and W. center line of the SW 1/4 of sec. 21.
	Descend over rolling land.
20.09	The true point for the SW 1/16 sec. cor. of sec. 21.
20.14	Barbed wire fence, 5 strand, bears N. 45° E. and S. 45° W.
21.715	Point selected for the witness cor. to the SW 1/16 sec. cor. of sec. 21.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	WC T6S R19E SW 1/16 S21—→ 2001
	from which
	A juniper, 6 ins. diam., bears S. 51° E., 47 lks. dist., mkd. X at breast height and BT at base.

Subdivision of Section 21,
T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">A juniper, 8 ins. diam., bears S. $85\frac{1}{2}^{\circ}$ W., 25 lks. dist., mkd. X at breast height and BT at base.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
21.75	<p>Barbed wire fence, 5 strand, bears S. 45° E. and N. 45° W., thence ascend out of Aravaipa Canyon.</p>
40.18	<p>The true point for the S. 1/16 sec. cor. of secs. 20 and 21.</p>
<hr/> <p>GENERAL DESCRIPTION</p> <hr/>	
<p>Section 21, Township 6 South, Range 19 East is situated in and around Aravaipa Canyon, approximately 7 miles northwesterly of the settlement of Klondyke, Arizona.</p> <p>Aravaipa Creek enters the section near the 1/4 sec. cor. of secs. 21 and 28 and exits the section near the 1/4 sec. cor. of secs. 20 and 21. Steep canyon walls are west and south of the creek, rolling hills are north and east of the creek. Timber of sycamore, ash, cottonwood, walnut and oak is abundant along Aravaipa creek. Juniper, mesquite, catclaw, cactus, yucca and ocotillo are found outside the riparian area.</p> <p>Access is by way of Aravaipa Canyon Road and Bear Canyon Road. No mineral activity was noted in the area surveyed.</p> <p>The mean magnetic declination of $11\frac{1}{2}^{\circ}$ E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.</p> <hr/>	

CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 12th day of March, 2001, I have dependently resurveyed a portion of the subdivisional lines and subdivided section 21, T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. 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.

MARCH 7, 2002

(Date)

Gordon R. Bubel

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 21, T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

May 10, 2002

(Date)

Kenny D. Lawmkan

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 6 S., R. 19 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~