UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COMPOSITE FIELD NOTES

OF THE

	SURVEY OF THE	
	LEGAL DESCRIPTIVE BOUNDARY	
	OF THE	
	MOUNT TIPTON WILDERNESS AREA	**************************************
	IN	
	TOWNSHIPS 24 NORTH, RANGES 17, 18 AND 19 WEST,	
	TOWNSHIPS 25 NORTH, RANGES 17 AND 18 WEST,	
	AND	
	TOWNSHIP 26 NORTH, RANGE 18 WEST	
	Gila and Salt River Meridian,	
In the State of _	Arizona EXECUTED BY	
	Gordon R. Bubel, Stephen J. Malloy, Joe R. Salazar,	
Dale	C. Wilson and Robert C. Umbanhowar, Cadastral Surveyors	

Under Special Instructions dated <u>April 8, 1994</u>, approved <u>April 8, 1994</u>, which provided for the surveys included under Group Number <u>770</u>, and assignment instructions dated <u>October 3, 1994</u>, <u>December 22, 1994</u>, <u>January 11, 1995</u>, and <u>July 8, 1996</u>.

Survey Commenced October 5, 1994 Survey Completed August 1, 1996 Tps. 24 N., Rs. 18, 18, and 19 W., Tps. 25 N., Rs. 17 and 18 W., and T. 26 N., R. 18 W., Gila and Salt River Meridian, Arizona

CHAINS

The approval of these composite field notes and the acceptance of the plat, in ten sheets, will constitute the legal description and map of the Mount Tipton Wilderness Area Boundary, as required by <u>Public Law 101-628</u>, <u>"Arizona Desert Wilderness Act of 1990"</u>, TITLE 1, SEC. 101. (c).

This survey was executed in compliance with the provisions as set forth in <u>Public Law 101-628</u>, <u>"Arizona Desert Wilderness Act of 1990"</u>.

These field notes are a composite of the approved surveys executed in the individual townships. They describe the survey of the descriptive boundary of the Mount Tipton Wilderness Area Boundary in Townships 24 North, Ranges 17, 18, and 19 West, Townships 25 North, Ranges 17 and 18 West, and Township 26 North, Range 18 West, Gila and Salt River Meridian, Arizona.

For detailed information regarding the survey history of the townships, refer to the approved field notes of the individual townships.

The survey was executed in accordance with the specifications as set forth in the <u>Manual of Surveying Instructions</u>, 1973, and the Special Instructions dated April 8, 1994, for Group No. 770, Arizona.

For detailed information regarding monumentation and topography, the field note record for that particular township should be consulted.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Pentax PTS-iiiO5, a Sokkia SET 2BII, a Lietz Set 2A and a Topcon GTS-3B total station instruments.

The geographic position of the standard corner of sections 31 and 32, on the S. bdy. of Township 25 North, Range 17 West, on the Mount Tipton Wilderness Area Boundary, was determined by the technique of static differential positioning using Ashtech models M-XII and MS-XII geodetic units. U.S. Coast and Geodetic Survey triangulation stations "PUTMAN 1958" was used as the control station.

Latitude: 35°30′09.53" N. Longitude: 114°07′52.63" W. NAD27

The mean magnetic declination is 15° E.

CHAINS

In Township 26 North, Range 18 West

Beginning at the cor. of Tps. 25 and 26 N., Rs. 17 and 18 W.

thence N. O°O2' W., 10.82 chs. dist., bet. secs. 31 and 36, on the E. bdy. of the Tp., to Angle Point 1, sec. 36,; thence S. 37°30' W., 2.04 chs. dist., to Angle Point 2, sec. 36; thence S. 63°52' W., 4.14 chs. dist., to Angle Point 3, sec. 36; thence S. 38°55' W., 9.48 chs. dist., to Angle Point 4, sec. 36, identical with Angle Point 1, sec. 1, T. 25 N., R. 18 W., on the S. bdy. of the Tp;

In Township 25 North, Range 18 West

From Angle Point 1, sec. 1, identical with Angle Point 4, sec. 36, T. 26 N., R. 18 W., on the N. bdy. of the Tp.

thence S. 68°55' W., 7.89 chs. dist., to Angle Point 2, sec. 1;

thence N. 74°47' W., 10.66 chs. dist., to Angle Point 3, sec. 1, identical with Angle Point 5, sec. 36, T. 26 N., R. 18 W., on the N. bdy. of the Tp.

In Township 26 North, Range 18 West

From Angle Point 5, sec. 36, identical with Angle Point 3, sec. 1, T. 25 N., R. 18 W., on the S. bdy. of the Tp.;

thence N. 77°50' W., 7.67 chs. dist., to Angle Point 6, sec. 36; thence S. 82°22' W., 4.67 chs. dist., to Angle Point 7, sec. 36; thence N. 72°31' W., 5.46 chs. dist., to Angle Point 8, sec. 36; thence S. 85°24' W., 7.62 chs. dist., to Angle Point 9, sec. 36; thence N. 79°58' W., 4.46 chs. dist., to Angle Point 10, sec. 36;

thence S. 63°30' W., 6.30 chs. dist., to Angle Point 11, sec. 36, identical with Angle Point 4, sec. 1, T. 25 N., R. 18 W., on the S. bdy. of the Tp.;

In Township 25 North, Range 18 West

From Angle Point 4, sec. 1, identical with Angle Point 11, sec. 36, T. 26 N., R. 18 W., on the N. bdy. of the Tp.

thence S. 74°53' W., 2.48 chs. dist., to Angle Point 5, sec. 1;

CHAINS

thence N. 68°24′ W., 1.75 chs. dist., to Angle Point 6, sec. 1, identical with Angle Point 12, sec. 36, T. 26 N., R. 18 W., on the N. bdy. of the Tp.

In Township 26 North, Range 18 West

From Angle Point 12, sec. 36, identical with Angle Point 6, sec. 1, T. 25 N., R. 18 W., on the S. bdy. of the Tp.;

thence N. 77°45′ W., 12.77 chs. dist., to Angle Point 13, sec. 36, on the line bet. secs. 35 and 36;

thence S. 0°04' E., 2.715 chs. dist., bet. secs. 35 and 36, to the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp;

thence S. 89°59' W., 39.98 chs. dist., bet. secs. 2 and 35, on the S. bdy. of the Tp., to the 1/4 sec. cor. of secs. 2 and 35;

thence S. 89°59' W., 40.02 chs. dist., bet. secs. 2 and 35, on the S. bdy. of the Tp., to the cor. of secs. 2, 3, 34 and 35;

thence N. 0°10′ W., 40.00 chs. dist., bet. secs. 34 and 35, to the 1/4 sec. cor. of secs. 34 and 35;

thence North, 40.00 chs. dist., bet. secs. 34 and 35, to the cor. of secs. 26, 27, 34 and 35;

thence S. 89°50′ W., 40.03 chs. dist., bet. secs. 27 and 34, to the 1/4 sec. cor. of secs. 27 and 34;

thence N. 89°54′ W., 20.04 chs. dist., bet. secs. 27 and 34, to the W. 1/16 sec. cor. of secs. 27 and 34;

thence S. O°O9' E., 39.95 chs. dist., on the N. and S. center line of the NW 1/4 of sec. 34, to the center W. 1/16 sec. cor. of sec. 34;

thence S. 89°59′ W., 20.05 chs. dist., on the E. and W. center line of sec. 34, to the 1/4 sec. cor. of secs. 33 and 34;

thence N. 0°09' W., 26.07 chs. dist., bet. secs. 33 and 34, to Angle Point 1, sec. 33;

thence N. 48°19' W., 10.07 chs. dist., to Angle Point 2, sec. 33;

thence N. 45°41' W., 4.04 chs. dist., to Angle Point 3, sec. 33;

thence N. 55°13' W., 7.71 chs. dist., to Angle Point 4, sec. 33, on the line bet. secs. 28 and 33;

thence S. 89°58′ W., 23.32 chs. dist., bet. secs. 28 and 33, to the 1/4 sec. cor. of secs. 28 and 33;

thence N. O°01' E., 20.04 chs. dist., on the N. and S. center line of sec. 28, to the center S. 1/16 sec. cor. of sec. 28;

thence N. 89°51′ E., 6.34 chs. dist., on the E. and W. center line of the SE 1/4 of sec. 28, to Angle Point 1, sec. 28;

thence N. 42°44' W., 4.81 chs. dist., to Angle Point 2, sec. 28;

thence N. 23°29' W., 7.71 chs. dist., to Angle Point 3, sec. 28, on the N. and S. center line of sec. 28;

thence N. 43°34' W., 2.43 chs. dist., to Angle Point 4, sec. 28;

thence N. 74°57' W., 4.10 chs. dist., to Angle Point 5, sec. 28;

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thence N. 33°09' W., 7.82 chs. dist., to Angle Point 6, sec. 28,
     on the E. and W. center line of sec. 28;
thence N. 26°18' W., 5.73 chs. dist., to Angle Point 7, sec. 28;
thence N. 9°37' W., 6.44 chs. dist., to Angle Point 8, sec. 28;
thence N. 14°07' E., 6.44 chs. dist., to Angle Point 9, sec. 28;
thence N. 6^{\circ}30' W., 6.45 chs. dist., to Angle Point 10, sec.
     28;
thence N.
           2°19' W., 7.72 chs. dist., to Angle Point 11, sec.
thence N. 22°26' W., 3.73 chs. dist., to Angle Point 12, sec.
     28:
thence N. 28°56' W., 4.88 chs. dist., to Angle Point 13, sec.
     28;
thence S. 89°56' W., 22.70 chs. dist., to Angle Point 14, sec.
thence S. 0°06' E., 20.39 chs. dist., to Angle Point 15, sec.
     28;
thence S. 41°19' E., 3.26 chs. dist., to Angle Point 16, sec.
     28:
           4°01′ W., 3.65 chs. dist., to Angle Point 17, sec.
thence S.
     28;
           5°39' E., 4.79 chs. dist., to Angle Point 18, sec.
thence S.
     28;
           5°27' W., 3.34 chs. dist., to Angle Point 19, sec.
thence S.
     28;
thence S. 37°38' W., 3.31 chs. dist., to Angle Point 20, sec.
     28;
thence S. 0°06' E., 2.47 chs. dist., to Angle Point 21, sec.
     28, on the E. and W. center line of sec. 28;
thence S. 89°45' W., O.46 chs. dist., on the E. and W. center
     line of sec. 28, to the 1/4 sec. cor. of secs. 28 and 29;
thence S. 0°01' E., 40.11 chs. dist., bet. secs. 28 and 29, to
     the cor. of secs. 28, 29, 32 and 33;
thence S. 89°43' W., 39.99 chs. dist., bet. secs. 29 and 32, to
     the 1/4 sec. cor. of secs. 29 and 32;
thence N. 89°39' W., 39.88 chs. dist., bet. secs. 29 and 32, to
     the cor. of secs. 29, 30, 31 and 32;
thence S. 0°09' E., 40.03 chs. dist., bet. secs. 31 and 32, to
     the 1/4 sec. cor. of secs. 31 and 32;
thence S. 0°03' W., 39.89 chs. dist., bet. secs. 31 and 32, to
     the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the
thence N. 89^{\circ}32' W., 39.58 chs. dist., bet. secs. 6 and 31, on
     the S. bdy. of the Tp., to the 1/4 sec. cor. of secs. 6 and
thence S. 89°24' W., 25.29 chs. dist., bet. secs. 6 and 31, on
    the S. bdy. of the Tp., to Angle Point 1, sec. 6, T. 25 N.,
    R. 18 W.
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In Township 25 North, Range 18 West

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From Angle Point 1, sec. 6, on the N. bdy. of the Tp.
thence S. O°01' W., O.76 ch. dist., to Angle Point 2, sec. 6;
thence S. 89°24' W., 1.00 ch. dist., to Angle Point 3, sec. 6;
thence S. O°28' E., 2.51 chs. dist., to Angle Point 4, sec. 6;
thence S. 89°32' W., 1.89 chs. dist., to Angle Point 5, sec. 6;
thence N. O°28' W., 2.51 chs. dist., to Angle Point 6, sec. 6;
thence S. 89°24' W., 12.12 chs. dist., to Angle Point 7, sec. 6,
     on the W. bdy of the Tp.;
thence S. 0°01' W., 39.39 chs. dist., bet. secs. 1 and 6, on the
    W. bdy. of the Tp., to the 1/4 sec. cor. of secs. 1 and 6;
thence S. 0°11' E., 27.31 chs. dist., bet. secs. 1 and 6, on the
    W. bdy. of the Tp., to Angle Point 8, sec. 6;
thence S. 13°30' E., 2.20 chs. dist., to Angle Point 9, sec. 6;
thence S. 0°27' W., 9.33 chs. dist., to Angle Point 10, sec. 6;
thence S. 86°51' E., 6.98 chs. dist., to Angle Point 11, sec. 6;
thence S. 88°56' E., 32.76 chs. dist., to Angle point 12, sec. 6,
     identical with the 1/4 sec. cor. of secs. 6 and 7;
thence S. 89°53' E., 39.96 chs. dist., bet. secs. 6 and 7, to the
     true point for the cor. of secs. 5, 6, 7, and 8;
thence S. 0°03' W., 40.04 chs. dist., bet. secs. 7 and 8, to the
     1/4 sec. cor. of secs. 7 and 8;
thence S. 0°02' W., 39.93 chs. dist., bet. secs. 7 and 8, to the
    cor. of secs. 7, 8, 17, and 18, identical with Angle Point
     1, sec. 18;
thence S. 89°52' W., 20.26 chs. dist., to Angle Point 2, sec. 18;
thence S. 0°19' W., 1.13 chs. dist., to Angle Point 3, sec. 18;
thence S. 89°36' W., 1.32 chs. dist., to Angle Point 4, sec. 18;
          3°51' W., 1.16 chs. dist., to Angle Point 5, sec. 18;
thence N.
thence S. 89°45' W., 6.47 chs. dist., to Angle Point 6, sec. 18;
thence N. 89°56' W., 24.69 chs. dist., to Angle Point 7, sec. 18;
thence N. 89°56' W., 25.31 chs. dist., to Angle Point 8, sec. 18;
thence S. 47°20' W., 1.71 chs. dist., to Angle Point 9, sec. 18;
thence S. 0°15′ W., 38.80 chs. dist., to Angle Point 10, sec.
     18 on the E. and W. center line of sec. 18;
thence S. 0°14' E., 28.91 chs. dist., to Angle Point 11, sec.
thence N. 47°51' E., 1.25 chs. dist., to Angle Point 12, sec.
thence N. 67°27' E., 6.85 chs. dist., to Angle Point 13, sec.
    18;
thence N. 76°27' E., 6.76 chs. dist., to Angle Point 14, sec.
thence S. 83°29' E., 5.77 chs. dist., to Angle Point 15, sec.
    18;
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thence N. 85°26' E., 5.24 chs. dist., to Angle Point 16, sec.
thence N. 70°38' E., 6.47 chs. dist., to Angle Point 17, sec.
thence N. 62°37' E., 5.96 chs. dist., to Angle Point 18, sec.
     18;
thence N. 50°51' E., 2.61 chs. dist., to Angle Point 19, sec.
     18;
thence N. 59°11' E., 5.82 chs. dist., to Angle Point 20, sec.
     18;
thence N. 45°29' E., 4.57 chs. dist., to Angle Point 21, sec.
thence N. 49°04' E., 7.66 chs. dist., to Angle Point 22, sec.
thence N. 66°10' E., 5.96 chs. dist., to Angle Point 23, sec.
     18;
thence N. 38°34' E., 2.51 chs. dist., to Angle Point 24, sec.
     18;
thence N. 52°14' E., 3.22 chs. dist., to Angle Point 25, sec.
     18, on the E. and W. center line of sec. 18;
thence N. 50°41' E., 7.19 chs. dist., to Angle Point 26, sec.
thence N. 70°22' E., 4.43 chs. dist., to Angle Point 27, sec.
thence N. 44°16' E., 5.04 chs. dist., to Angle Point 28, sec.
thence N. 52°54' E., 5.39 chs. dist., to Angle Point 29, sec.
     18, on the line bet. secs. 17 and 18;
thence N. 0°10' E., 27.08 chs. dist., bet. secs. 17 and 18, to
     the cor. of secs. 7, 8, 17 and 18;
thence S. 89°47' E., 39.87 chs. dist., bet. secs. 8 and 17, to
     the 1/4 sec. cor. of secs. 8 and 17;
thence S. 89°40' E., 39.80 chs. dist., bet. secs. 8 and 17, to
     the cor. of secs. 8, 9, 16 and 17;
thence S. 0°03' W., 40.02 chs. dist., bet. secs. 16 and 17, to
     the 1/4 sec. cor. of secs. 16 and 17;
thence N. 89°43' W., 19.93 chs. dist., on the E. and W. center
     line of sec. 17, to the center E. 1/16 sec. cor. of sec. 17;
thence N. 0°05' E., 20.01 chs. dist., on the N. and S. center
     line of the NE 1/4 of sec. 17, to the NE 1/16 sec. cor. of
     sec. 17;
thence N. 89°42' W., 19.91 chs. dist., on the E. and W. center
     line of the NE 1/4 of sec. 17, to the center N. 1/16 sec.
     cor. of sec. 17;
thence S. 0°07' W., 20.02 chs. dist., on the N. and S. center
     line of sec. 17, to the center 1/4 sec. cor. of sec. 17;
thence N. 89°43′ W., 39.91 chs. dist., on the E. and W. center
     line of sec. 17, to the 1/4 sec. cor. of secs. 17 and 18;
thence N. 0°10' E., 11. 85 chs. dist., bet. secs. 17 and 18, to
    Angle Point 30, sec.18;
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CHAINS thence S. 42°46' W., 3.06 chs. dist., to Angle Point 31, sec. thence S. 47°44′ W., 6.95 chs. dist., to Angle Point 32, sec. thence S. 64°31' W., 5.30 chs. dist., to Angle Point 33, sec. thence S. 61°00' W., 1.83 chs. dist., to Angle Point 34, sec. 18; thence S. 39°54' W., 2.29 chs. dist., to Angle Point 35, sec. 18, on the E. and W. center line of sec. 18; thence S. 56°48' W., 4.97 chs. dist., to Angle Point 36, sec. thence S. 40°08' W., 2.73 chs. dist., to Angle Point 37, sec. thence S. 66°39' W., 4.49 chs. dist., to Angle Point 38, sec. 18; thence S. 51°32' W., 5.70 chs. dist., to Angle Point 39, sec. 18; thence S. 48°15' W., 7.50 chs. dist., to Angle Point 40, sec. 18; thence S. 53°06' W., 3.29 chs. dist., to Angle Point 41, sec. 18; thence S. 57°28' W., 5.82 chs. dist., to Angle Point 42, sec. 18: thence S. 63°29' W., 7.46 chs. dist., to Angle Point 43, sec. thence S. 71°55' W., 5.03 chs. dist., to Angle Point 44, sec. 18; thence S. 85°11' W., 5.51 chs. dist., to Angle Point 45, sec. 18; thence N. 82°20' W., 5.52 chs. dist., to Angle Point 46, sec. 18; thence S. 77°07' W., 6.74 chs. dist., to Angle Point 47, sec. 18; thence S. 67°26' W., 6.69 chs. dist., to Angle Point 48, sec. thence S. 50°06' W., 1.90 chs. dist., to Angle Point 49, sec. thence S. 0°14' W., 9.88 chs. dist., to Angle Point 50, sec. 18, on the line bet. secs. 18 and 19; thence N. 89°59' E., 39.16 chs. dist., bet. secs. 18 and 19, to the 1/4 sec. cor. of secs. 18 and 19; thence S. 89°59' E., 40.05 chs. dist., bet. secs. 18 and 19, to the cor. of secs. 17, 18, 19, and 20; thence S. 0°03' E., 39.92 chs. dist., bet. secs. 19 and 20, to the 1/4 sec. cor. of secs. 19 and 20; thence S. 0°07' W., 39.99 chs. dist., bet. secs. 19 and 20, to the cor. of secs. 19, 20, 29, and 30; thence S. 89°56' W., 40.02 chs. dist., bet. secs. 19 and 30, to

the 1/4 sec. cor. of secs. 19 and 30;

CHAINS

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thence S. 89°52' W., 9.53 chs. dist., bet. secs. 19 and 30, to
     Angle Point 1, sec. 30;
thence S. 76°37' W., 5.28 chs. dist., to Angle Point 2, sec. 30;
thence S. 66°41' W., 2.73 chs. dist., to Angle Point 3, sec. 30;
thence S. 47°35' W., 2.21 chs. dist., to Angle Point 4, sec. 30;
thence S. 70°50' W., 3.32 chs. dist., to Angle Point 5, sec. 30;
thence S. 75°22' W., 4.29 chs. dist., to Angle Point 6, sec. 30;
thence S. 71°00' W., 3.27 chs. dist., to Angle Point 7, sec. 30;
thence S. 64°22′ W., 6.79 chs. dist., to Angle Point 8, sec. 30;
thence N. 88°55' W., 2.03 chs. dist., to Angle Point 9, sec. 30;
thence N. 36°10' W., 2.42 chs. dist., to Angle Point 10, sec.
thence N. 69°13' W., 1.02 chs. dist., to Angle Point 11, sec.
     30:
thence S. 0°06' W., 32.60 chs. dist., to Angle Point 12, sec.
     30;
thence S. 0°35' E., 12.97 chs. dist., to Angle Point 13, sec.
    30;
thence S. 0°55' W., 26.78 chs. dist., to Angle Point 14,
    identical with the cor. of secs. 25, 30, 31, and 36, on the
    W. bdy of the Tp.;
thence S. 0°10' E., 39.88 chs. dist., bet. secs. 31 and 36, on
    the W. bdy of the Tp., to the 1/4 sec. cor. of secs. 31 and
thence S. 0°10' W., 40.00 chs. dist., bet. secs. 31 and 36, on
    the W. bdy of the Tp., to the stan. cor. of Tps. 25 N.,
    Rs. 18 and 19 W.
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In Township 24 North, Range 19 West

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From the stan. cor. of Tps. 25 N., Rs. 18 and 19 W.
thence S. 89°53' W., 39.97 chs. dist., on the S. bdy. of sec. 36,
     T. 25 N., R.19 W., to the stan. 1/4 sec. cor. of sec. 36;
thence S. 89°57′ W., 31.76 chs. dist., on the S. bdy. of sec. 36,
     T. 25 N., R. 19 W., to the closing cor. of secs. 1 and 2,
     T. 24 N., R. 19 W.;
thence S. 0°03' E., 21.82 chs. dist., on the line bet. secs. 1
     and 2, to the 1/4 sec. cor. of secs. 1 and 2;
thence S. 0°01' E., 39.99 chs. dist., on the line bet. secs. 1
     and 2, to the cor. of secs. 1, 2, 11 and 12;
thence S. 89°54' E., 39.98 chs. dist., on the line bet. secs. 1
     and 12, to the 1/4 sec. cor. of secs. 1 and 12;
thence S. 89°51' E., 10.66 chs. dist., on the line bet. secs. 1
     and 2, to Angle Point 1, sec. 1;
thence N. 31°45' E., 5.10 chs. dist., to Angle Point 2, sec. 1;
thence N. 37°13' E., 8.78 chs. dist., to Angle Point 3, sec. 1;
thence N. 38°53' E., 7.40 chs. dist., to Angle Point 4, sec. 1;
thence N. 48°36' E., 9.28 chs. dist., to Angle Point 5, sec. 1;
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CHAINS

thence N. 58°06′ E., 11.54 chs. dist., to Angle Point 6, sec. 1, identical with Angle Point 1, sec. 6, T. 24 N., R. 18 W., on the E. bdy. of the Tp.;

In Township 24 North, Range 18 West

From Angle Point 1, sec. 6, identical with Angle Point 6, sec. 1, T. 24 N., R. 19 W., on the W. bdy. of the Tp.

thence N. 57°15′ E., 6.42 chs. dist., to Angle Point 2, sec. 6; thence N. 36°30′ E., 4.80 chs. dist., to Angle Point 3, sec. 6; thence N. 32°26′ E., 9.79 chs. dist., to Angle Point 4, sec. 6; thence N. 50°55′ E., 8.62 chs. dist., to Angle Point 5, sec. 6; thence N. 78°54′ E., 4.78 chs. dist., to Angle Point 6, sec. 6; thence N. 76°40′ E., 8.97 chs. dist., to Angle Point 7, sec. 6; thence N. 83°41′ E., 5.18 chs. dist., to Angle Point 8, sec. 6; thence N. 71°19′ E., 13.45 chs. dist., to Angle Point 9, sec. 6; thence N. 65°30′ E., 3.90 chs. dist., to Angle Point 10, sec. 6; thence S. 86°52′ E., 1.89 chs. dist., to Angle Point 11, sec. 6; thence N. 19°18′ W., 2.22 chs. dist., to Angle Point 12, sec. 6; on the N. bdy. of the Tp.

In Township 25 North, Range 18 West

From Angle Point 12, sec. 6, T. 24 N., R. 18 W., on the S. bdy. of the Tp.

thence West, 4.48 chs. dist., on the S. bdy. of sec. 31, to the stan. E. 1/16 sec. cor. of sec. 31;

thence N. 0°02' E., 20.05 chs. dist., on the N. and S. center line of the SE 1/4 of sec. 31, to the SE 1/16 sec. cor. of sec. 31;

thence S. 89°58' E., 19.97 chs. dist., on the E. and W. center line of the SE 1/4 of sec. 31, to the S. 1/16 sec. cor. of secs. 31 and 32;

thence S. 0°01' E., 20.035 chs. dist., bet. secs. 31 and 32, to the stan. cor. of secs. 31 and 32, on the S. bdy. of the Tp.;

thence West, 12.21 chs. dist., on the S. bdy. of sec. 31, to Angle Point 13, sec. 6, T. 24 N., R. 18 W.

In Township 24 North, Range 18 West

From Angle Point 13, sec. 6, on the N. bdy. of the Tp.

thence S. 13°32' E., 3.58 chs. dist., to Angle Point 14, sec. 6;

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thence S. 83°25′ W., 9.35 chs. dist., to Angle Point 15, sec. 6; thence S. 69°15′ W., 12.71 chs. dist., to Angle Point 16, sec. 6; thence S. 85°35′ W., 5.88 chs. dist., to Angle Point 17, sec. 6; thence S. 64°43′ W., 6.43 chs. dist., to Angle Point 18, sec. 6; thence N. 88°50′ W., 6.65 chs. dist., to Angle Point 19, sec. 6; thence S. 49°42′ W., 8.82 chs. dist., to Angle Point 20, sec. 6; thence S. 32°43′ W., 9.63 chs. dist., to Angle Point 21, sec. 6; thence S. 38°37′ W., 4.71 chs. dist., to Angle Point 22, sec. 6; thence S. 51°28′ W., 5.53 chs. dist., to Angle Point 23, sec. 6; thence S. 73°37′ W., 1.71 chs. dist., to Angle Point 24, sec. 6, identical with Angle Point 7, sec. 1, T. 24 N., R. 19 W., on the W. bdy. of the Tp.
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In Township 24 North, Range 19 West

From Angle Point 7, sec. 1, identical with Angle Point 24, sec. 6, T. 24 N., R. 18 W., on the E. bdy. of the Tp.

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thence S. 43°46′ W., 3.01 chs. dist., to Angle Point 8, sec. 1; thence S. 66°25′ W., 6.10 chs. dist., to Angle Point 9, sec. 1; thence S. 50°24′ W., 8.52 chs. dist., to Angle Point 10, sec. 1; thence S. 40°50′ W., 9.48 chs. dist., to Angle Point 11, sec. 1; thence S. 37°49′ W., 9.36 chs. dist., to Angle Point 12, sec. 1; thence S. 29°26′ W., 4.22 chs. dist., to Angle Point 13, sec. 1, on the line bet. secs. 1 and 12; thence S. 89°51′ E., 28.23 chs. dist., on the line bet. secs. 1 and 12, to the cor. of secs. 1 and 12 only, on the E. bdy. of the Tp.; thence S. 0°02′ W., 2.57 chs. dist., on the E. bdy. of sec. 12, to the closing cor. of secs. 6 and 7, T. 24 N., R. 18 W.
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In Township 24 North, Range 18 West

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From the closing cor. of secs. 6 and 7, on the W. bdy. of the Tp.

thence S. 89°59′ E., 22.54 chs. dist., on the line bet. secs. 6
and 7, to the W. 1/16 sec. cor. of secs. 6 and 7, identical
with Angle Point 1, sec. 7;

thence S. 16°23′ E., 7.28 chs. dist., to Angle Point 2, sec. 7;

thence S. 24°34′ E., 10.15 chs. dist., to Angle Point 3, sec. 7;

thence S. 84°48′ E., 8.36 chs. dist., to Angle Point 4, sec. 7;

thence N. 70°55′ E., 7.24 chs. dist., to Angle Point 5, sec. 7;

thence S. 81°12′ E., 6.08 chs. dist., to Angle Point 6, sec. 7;

thence N. 72°13′ E., 4.23 chs. dist., to Angle Point 7, sec. 7;

thence N. 5°12′ E., 3.84 chs. dist., to Angle Point 8, sec. 7;

thence S. 81°15′ E., 2.99 chs. dist., to Angle Point 9, sec. 7;

thence S. 76°13′ E., 3.92 chs. dist., to Angle Point 10, sec. 7;
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CHAINS
         thence S. 53°44' E.,
                               3.11 chs. dist., to Angle Point 11, sec. 7;
         thence S. 28°12' E.,
                               3.85 chs. dist., to Angle Point 12, sec. 7;
         thence S. 50°50' E., 5.70 chs. dist., to Angle Point 13, sec. 7;
         thence S. 60°54' E., 8.64 chs. dist., to Angle Point 14, sec. 7;
         thence S. 34°03' E., 2.25 chs. dist., to Angle Point 15, sec. 7;
         thence S. 55°52' E., 3.41 chs. dist., to Angle Point 16, sec. 7;
         thence S. 12°29' W., 3.41 chs. dist., to Angle Point 17, sec. 7;
         thence S.
                    3°52' E., 3.00 chs. dist., to Angle Point 18, sec. 7;
                    7°39' E., 4.11 chs. dist., to Angle Point 19, sec. 7;
         thence S.
         thence S. 47°21' E., 1.44 chs. dist., to the 1/4 sec. cor. of
              secs. 7 and 8, identical with Angle Point 20, sec. 7;
         thence S. 0°01' E., 0.87 ch. dist., on the line bet. secs. 7
              and 8, to Angle Point 1, sec. 8;
         thence S. 52°02' E., 3.24 chs. dist., to Angle Point 2, sec. 8;
         thence S. 18°35' E.,
                              7.66 chs. dist., to Angle Point 3, sec. 8;
         thence S. 34°54' E., 2.60 chs. dist., to Angle Point 4, sec. 8;
         thence S. 46°22' E., 3.36 chs. dist., to Angle Point 5, sec. 8;
         thence S. 70°27' E., 3.70 chs. dist., to Angle Point 6, sec. 8;
         thence S. 31°18′ W., 2.25 chs. dist., to Angle Point 7, sec. 8;
         thence S. 42°13' E., 3.04 chs. dist., to Angle Point 8, sec. 8,
              on the E. and W. centerline of the SW 1/4 of sec. 8;
         thence N. 89°53' E., 6.70 chs. dist., on the E. and W. center
              line of the SW 1/4 of sec. 8, to the SW 1/16 sec. cor. of
         thence South, 20.02 chs. dist., on the N. and S. center line of
              the SW 1/4 of sec. 8, to the W 1/16 sec. cor. of secs. 8 and
              17;
         thence S. 89°54' W., 15.46 chs. dist., on the line bet. secs. 8
             and 17, to Angle Point 1, sec. 17;
         thence S. 47°23' E., 4.95 chs. dist., to Angle Point 2, sec. 17;
         thence S. 71°08' E., 6.00 chs. dist., to Angle Point 3, sec. 17;
         thence S. 24°50' E., 8.85 chs. dist., to Angle Point 4, sec. 17;
                   5°02' E., 20.87 chs. dist., to Angle Point 5, sec. 17;
        thence S.
        thence S. 87°52' E., 4.62 chs. dist., to Angle Point 6, sec. 17;
        thence S. 53°22' E., 17.35 chs. dist., to Angle Point 7, sec. 17;
        thence S. 55°45' E., 15.90 chs. dist., to Angle Point 8, sec. 17;
        thence S. 36°04' E., 28.51 chs. dist., to Angle Point 9, sec. 17;
        thence S. 48°35' E., 5.01 chs. dist., to Angle Point 10, sec.
             17, identical with Angle Point 1, sec. 20, on the line bet.
             secs. 17 and 20;
        thence S. 25°19' E.,
                              7.28 chs. dist., to Angle Point 2, sec. 20;
        thence N. 62°13' E., 5.98 chs. dist., to Angle Point 3, sec. 20,
              identical with Angle Point 1, sec. 21, on the line bet.
             secs. 20 and 21;
        thence N. 74°11' E., 13.99 chs. dist., to Angle Point 2, sec. 21,
             identical with Angle Point 1, sec. 16, on the line bet.
             secs. 16 and 21;
        thence N. 76°25' E., 22.00 chs. dist., to Angle Point 2, sec. 16;
        thence N. 48°48' E., 9.02 chs. dist., to Angle Point 3, sec. 16;
        thence S. 83°41' E., 11.18 chs. dist., to Angle Point 4, sec. 16;
        thence N. 73°22' E., 17.05 chs. dist., to Angle Point 5, sec. 16;
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thence S. 62°46' E., 12.23 chs. dist., to Angle Point 6, sec. 16,
     identical with Angle Point 1, sec. 15, on the line bet.
     secs. 15 and 16;
thence S. 62°05' E., 13.22 chs. dist., to Angle Point 2, sec. 15;
thence N. 23°21' E., 11.02 chs. dist., to Angle Point 3, sec. 15;
thence N. 84°47' E., 20.37 chs. dist., to Angle Point 4, sec. 15;
thence S. 51°40' E., 14.05 chs. dist., to Angle Point 5, sec. 15;
thence N. 85°51' E., 16.23 chs. dist., to Angle Point 6, sec. 15;
thence N. 55°56' E., 11.39 chs. dist., to Angle Point 7, sec. 15;
thence N. 73°32' E., 7.15 chs. dist., to Angle Point 8, sec. 15,
     identical with Angle Point 1, sec. 14, on the line bet.
     secs. 14 and 15;
thence N. 46°08' E., 5.05 chs. dist., to Angle Point 2, sec. 14;
thence S. 79°30' E., 18.92 chs. dist., to Angle Point 3, sec. 14;
thence S. 14°35' W., 16.35 chs. dist., to Angle Point 4, sec. 14,
     on the line bet. secs. 14 and 23;
thence S. 89°59' E., 22.13 chs. dist., on the line bet. secs. 14
     and 23, to the 1/4 sec. cor. of secs. 14 and 23;
thence S. 89°56' E., 40.10 chs. dist., on record course bet.
     secs. 14 and 23, to the cor. of secs. 13, 14, 23, and 24;
thence N. 0°01' W., 80.00 chs. dist., on record course bet.
     secs. 13 and 14, to the cor. of secs. 11, 12, 13, and 14;
thence N. 89°42' W., 80.20 chs. dist., on record course bet.
     secs. 11 and 14, to the cor. of secs. 10, 11, 14, and 15;
thence N. 0^{\circ}01' W., 80.00 chs. dist., on record course bet.
     secs. 10 and 11, to the cor. of secs. 2, 3, 10, and 11;
thence S. 89°46' E., 80.10 chs. dist., on record course bet.
     secs. 2 and 11, to the cor. of secs. 1, 2, 11, and 12;
thence N. 0°01' W., 64.55 chs. dist., on record course bet.
     secs. 1 and 2, to the closing cor. of secs. 1 and 2, at
     intersection with the 6th Stan. Par. N;
thence East, 80.12 chs. dist., on record course on the N. bdy. of
     sec. 1, to the closing cor. of Tps. 24 N., Rs. 17 and 18 W.,
     at intersection with the 6th Stan. Par. N.;
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In Township 24 North, Range 17 West

From the closing cor. of Tps. 24 N., Rs. 17 and 18 W.

thence South, 66.60 chs. dist., on record course on the W. bdy. of sec. 6, to the closing cor. of secs. 6 and 7. thence East, 85.73 chs. dist., on record course bet. secs. 6 and 7 to the cor. of secs. 5, 6, 7, and 8;

thence N. 0°10′ W., 66.32 chs. dist., on record course bet. secs. 5 and 6 to the closing cor. of secs. 5 and 6, at intersection with the 6th Stan. Par. N;

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In Township 25 North, Range 17 West

From the closing cor. of secs. 5 and 6, T. 24 N., R, 17 W.

thence West, 15.98 chs. dist., on record course on the S. bdy. of sec. 32, to the stan. cor. of secs. 31 and 32.

thence N. 0°17' E., 40.08 chs. dist., bet. secs. 31 and 32, to the 1/4 sec. cor. of secs. 31 and 32;

thence N. 89°53′ W., 80.08 chs. dist., on the E. and W. center line of sec. 31, to the 1/4 sec. cor. of secs. 31 and 36, on the W. bdy. of the Tp;

thence N. 0°16' W., 40.01 chs. dist., bet. secs. 31 and 36, on the W. bdy. of the Tp., to the cor. of secs. 25, 30, 31 and 36;

thence S. 89°55′ E., 40.14 chs. dist., bet. secs. 30 and 31, to the 1/4 sec. cor. of secs. 30 and 31;

thence N. 0°05' W., 2.31 chs. dist., on the N. and S. center line of sec. 30, to Angle Point 1, sec. 30;

thence N. $75^{\circ}03'$ W., 4.18 chs. dist., to Angle Point 2, sec. 30;

thence N. 33°34′ W., 2.32 chs. dist., to Angle Point 3, sec. 30;

thence N. 83°41' W., 9.38 chs. dist., to Angle Point 4, sec. 30; thence N. 67°26' W., 7.52 chs. dist., to Angle Point 5, sec. 30;

thence N. 8°28' W., 7.03 chs. dist., to Angle Point 6, sec. 30;

thence N. 77°50' E., 1.14 chs. dist., to Angle Point 7, sec. 30;

thence S. 11°36' E., 6.85 chs. dist., to Angle Point 8, sec. 30;

thence S. 67°17' E., 4.16 chs. dist., to Angle Point 9, sec. 30;

thence S. 80°37′ E., 11.75 chs. dist., to Angle Point 10, sec. 30;

thence S. 29°57' E., 2.29 chs. dist., to Angle Point 11, sec. 30;

thence S. 71°28' E., 3.76 chs. dist., to Angle Point 12, sec. 30, on the N. and S. center line of sec. 30;

thence N. $0^{\circ}05'$ W., 17.00 chs. dist., on the N. and S. center line of sec. 30, to the center S 1/16 sec. cor. of sec. 30;

thence S. 89°53′ E., 19.98 chs. dist., on the E. and W. center line of the SE 1/4 of sec. 30, to the SE 1/16 sec. cor. of sec. 30;

thence S. 0°03' E., 12.53 chs. dist., on the N. and S. center line of the SE 1/4 of sec. 30, to Angle Point 13, sec. 30; thence N. 47°14' E., 5.76 chs. dist., to Angle Point 14, sec.

30; thence S. 65°48' E., 17.27 chs. dist., to Angle Point 15, sec. 30, on the line bet. secs. 29 and 30;

thence N. 0°02' W., 35.68 chs. dist., bet. secs. 29 and 30, to the 1/4 sec. cor. of secs. 29 and 30;

thence N. 0°06' W., 39.97 chs. dist., bet. secs. 29 and 30, to the cor. of secs. 19, 20, 29 and 30;

thence N. 89°53′ W., 39.97 chs. dist., bet. secs. 19 and 30, to the 1/4 sec. cor. of secs. 19 and 30;

- thence N. 89°53′ W., 39.82 chs. dist., bet. secs. 19 and 30, to the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp.;
- thence N. 0°03' E., 40.04 chs. dist., bet. secs. 19 and 24, on the W. bdy. of the Tp., to the 1/4 sec. cor. of secs. 19 and 24;
- thence N. 0°01' W., 40.00 chs. dist., bet. secs. 19 and 24, on the W. bdy. of the Tp., to the cor. of secs. 13, 18, 19 and 24;
- thence S. 89°51' E., 19.90 chs. dist., bet. secs. 18 and 19, to the W. 1/16 sec. cor. of secs. 18 and 19;
- thence N. 0°03' W., 20.01 chs. dist., on the N. and S. center line of the SW 1/4 of sec. 18, to the SW 1/16 sec. cor. of sec. 18;
- thence S. 89°48′ E., 19.96 chs. dist., on the E. and W. center line of the SW 1/4 of sec. 18, to the center S 1/16 sec. cor. of sec. 18;
- thence S. 0°08' E., 19.99 chs. dist., on the N. and S. center line of sec. 18, to the 1/4 sec. cor. of secs. 18 and 19;
- thence S. 89°54′ E., 39.96 chs. dist., bet. secs. 18 and 19, to the cor. of secs. 17, 18, 19 and 20;
- thence N. 0°08' E., 39.87 chs. dist., bet. secs. 17 and 18, to the 1/4 sec. cor. of secs. 17 and 18;
- thence N. O°O7' E., 34.44 chs. dist., bet. secs. 17 and 18, to the Angle Point 1, sec. 18;
- thence N. 86°22' W., 8.68 chs. dist., to Angle Point 2, sec. 18;
- thence S. 82°37' W., 10.01 chs. dist., to Angle Point 3, sec. 18;
- thence S. 72°29' W., 7.28 chs. dist., to Angle Point 4, sec. 18; thence S. 82°44' W., 5.46 chs. dist., to Angle Point 5, sec. 18;
- thence N. 70°52' W., 6.04 chs. dist., to Angle Point 6, sec. 18;
- thence S. 86°36′ W., 9.03 chs. dist., to Angle Point 7, sec. 18;
- thence S. 80°31′ W., 3.96 chs. dist., to Angle Point 8, sec. 18; thence N. 53°07′ W., 2.62 chs. dist., to Angle Point 9, sec. 18;
- thence S. 80°23' W., 7.32 chs. dist., to Angle Point 10, sec.
- 18;
- thence N. 0°05' W., 8.31 chs. dist., to Angle Point 11, sec. 18, on the line bet. secs. 7 and 18;
- thence N. 89°36′ W., 20.97 chs. dist., bet. secs. 7 and 18, to the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp.;
- thence N. O°04' E., 40.13 chs. dist., bet. secs. 7 and 12, on the W. bdy. of the Tp., to the 1/4 sec. cor. of secs. 7 and 12;
- thence N. 0°07' E., 39.97 chs. dist., bet. secs. 7 and 12, on the W. bdy. of the Tp., to the cor. of secs. 1, 6, 7 and 12;
- thence N. 0°04' E., 40.05 chs. dist., bet. secs. 1 and 6, on the W. bdy. of the Tp., to the 1/4 sec. cor. of secs. 1 and 6;

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thence N. O'01' E., 39.96 chs. dist., bet. secs. 1 and 6, on the W. bdy. of the Tp., to the cor. of Tps. 25 and 26 N., Rs. 17 and 18 W., the point of beginning.

The following parcels are excluded from the Mount Tipton Wilderness Area.

T. 24 N., R. 18 W., sec. 9; ALL

T. 25 N., R. 18 W., sec. 4; SW 1/4 of the NW 1/4 sec. 20; SE 1/4 of the SE 1/4 sec. 33; ALL

CERTIFICATE OF SURVEY

These composite field notes constitute the legal description of the Mount Tipton Wilderness Area, as required by <u>Public Law 101-628</u>, "<u>Arizona Desert Wilderness Act of 1990"</u>, TITLE 1, SEC. 101. (c).

The following field note record of the survey of the descriptive boundary of the Mount Tipton Wilderness Area in Townships 24 North, Ranges 17, 18, and 19 West, Townships 25 North, Ranges 17 and 18 West, and Township 26 North, Range 18 West, Gila and Salt River Meridian, Arizona, was executed in compliance with the provisions as set forth in Public Law 101-628, "Arizona Desert Wilderness Act of 1990" and in pursuance of Special Instructions dated April 8, 1994, for Group No. 770, Arizona; that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Arizona State Office Phoenix, Arizona

The foregoing field notes of the survey of the descriptive boundary of the Mount Tipton Wilderness Area in Townships 24 North, Ranges 17, 18, and 19 West, Townships 25 North, Ranges 17 and 18 West, and Township 26 North, Range 18 West, Gila and Salt River Meridian, Arizona, executed by Gordon R. Bubel, Stephen J. Malloy, Joe R. Salazar, Dale C. Wilson and Robert C. Umbanhowar, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

(Date)	Acting	(Chief Cadastra)	l Surveyor	of Arizona)
	CERT	FICATE OF TRANSC	CIPT	
I CERTIFY that the for surveys in Tps. 24 N. T. 26 N., R. 18 W., Coriginal field notes.	Rs. 17, 18, Gila and Salt F	and 19 W., Tps. 2	25 N., Rs.	17 and 18 W., and
(Date)		- (Chief Cadastra)	Surveyor	of Arizona)

Addendum to the Composite Field Notes of the Survey of the Legal Descriptive Boundary of the Mount Tipton Wilderness Area T. 25 N., R. 18 W., Gila and Salt River Meridian, Arizona

This Addendum to the Composite Field Notes of the Survey of the Legal Descriptive Boundary of the Mount Tipton Wilderness Area describes non-federal lands that are proposed for acquisition, but are not part of the Wilderness until acquired. These lands were excluded in the Composite Field Notes of the Survey of the Legal Descriptive Boundary of the Mount Tipton Wilderness Area. These lands are intended to be acquired and will be part of the Wilderness once acquired. These lands are more particularly described as follows:

T. 24 N., R. 18 W., sec. 9; T. 25 N., R. 18 W., sec. 4, SW1/4NW1/4; sec. 17, E1/2NE1/4, NW1/4NE1/4, E1/2NW1/4, NW1/4NW1/4 and sec. 20, SE1/4SE1/4; sec.33.

(Date) Stephen K. Hansen (Chief Cadastral Surveyor of Arizona)