

NATIONAL WILDERNESS PRESERVATION SYSTEM

Wenaha-Tucannon Wilderness

Umatilla National Forest

I hereby certify that the legal description and map herewith represent the location of the boundary of the Wenaha-Tucannon Wilderness on the Umatilla National Forest as covered into the National Wilderness Preservation System by Endangered American Wilderness Act of 1978.

Signed

Jan 30, 1979

P. J. Morton
for Regional Forester

July 1981 corrections added 7/22/81 *dfb*

Wenaha-Tucannon-Acres

<u>Administrative Unit</u>	<u>Oregon</u>	<u>Washington</u>	<u>Total</u>
Umatilla National Forest			
Pomeroy Ranger District			
National Forest	66,375	111,052*	177,427*
Other Ownership	42	---	42
TOTAL:	66,417	111,052*	177,469*

Acres by Counties

	<u>Oregon</u> <u>(Wallowa)</u>	<u>(Columbia)</u>	<u>Washington</u> <u>(Garfield)</u>	<u>(Asotin)</u>	<u>Total</u>
National Forest	66,375	80,285	28,127*	2,640	177,427*
Other Ownership	42	---	---	---	42
TOTAL:	66,417	80,285	28,127*	2,640	177,469*

* Corrected July 1981.

Wenaha-Tucannon-Acres

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Pomeroy Ranger District			
National Forest	66,375	110,995	177,370
Other Ownership	42	---	42
TOTAL:	66,417	110,995	177,412

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Other Ownership	42	---	---	---	42
TOTAL:	66,417	80,285	28,070	2,640	177,412

Following is a list of the 7.5 minute quadrangle sheets used in the Wilderness description:

1. Deadman Peak, Washington/Oregon dated 1967
2. Godman Springs, Washington/Oregon dated 1967
3. Oregon Butte, Washington dated 1967
4. Panjab Creek, Washington dated 1967
5. Stentz Springs, Washington dated 1967
6. Diamond Peak, Washington dated 1967
7. Saddle Butte, Washington dated 1971
8. Eden, Oregon/Washington advance sheet dated 1967
9. Elbow Creek, Oregon/Washington advance sheet dated 1967
10. Wenaha Forks, Oregon advance sheet dated 1967
11. Fry Meadow, Oregon dated 1967
12. Jubilee Lake, Oregon dated 1967
13. Bone Spring, Oregon advance sheet dated 1967

All azimuths are referenced to North and distances are based on measurements from 7.5 minutes quadrangle sheets. The coordinates referenced to in the description are based on Washington State Coordinate System South Zone and Oregon State Coordinate System North Zone. A Hewlett Packard digitizer was used to determine the coordinates of angle points and azimuth and distances of the intermediate point.

Calculated coordinates of each angle point are as follows:

Angle Point #	East	North	Angle Point #	East	North
<u>STATE OF WASHINGTON</u>					
1	2,658,650	254,100	22	2,686,250	277,750
2	2,658,650	257,000	23	2,681,500	279,650
3	2,658,800	261,900	24	2,682,350	289,600
4	2,660,150	265,650	25	2,690,050	290,700
5	2,657,600	273,200	26	2,695,150	295,950
6	2,658,050	274,200	27	2,697,300	296,000
7	2,656,950	277,200	28	2,697,600	295,650
8	2,658,100	276,850	29	2,699,850	294,900
9	2,661,600	280,650	30	2,700,950	295,150
10	2,666,050	283,700	31	2,705,450	298,750
11	2,673,450	277,750	32	2,706,950	298,750
12	2,673,850	277,650	33	2,701,500	300,100
13	2,674,950	277,500	34	2,705,800	316,450
14	2,678,400	274,900	35	2,704,350	317,950
15	2,680,550	277,350	36	2,707,500	330,250
16	2,685,750	275,850	36a	2,728,350	325,050
17	2,688,050	275,650	36b	2,728,800	325,350
18	2,691,650	268,750	36c	2,729,800	325,300
19	2,690,100	265,250	36d	2,730,700	325,000
20	2,696,150	259,500	37	2,731,400	324,500
21	2,693,150	264,550	38	2,731,450	321,950

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1. Deadman Peak, Washington/Oregon dated 1967
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5	2,657,600	273,200	26	2,695,150	295,950
6	2,658,050	274,200	27	2,697,300	296,000
7	2,656,950	277,200	28	2,697,600	295,650
8	2,658,100	276,850	29	2,699,850	294,900
9	2,661,600	280,650	30	2,700,950	295,150
10	2,666,050	283,700	31	2,705,450	298,750
11	2,673,450	277,750	32	2,706,950	298,750
12	2,673,850	277,650	33	2,701,500	300,100
13	2,674,950	277,500	34	2,705,800	316,450
14	2,678,400	274,900	35	2,704,350	317,950
15	2,680,550	277,350	36	2,707,500	330,250
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18	2,691,650	268,750	36c	2,729,800	325,300
19	2,690,100	265,250	36d	2,730,700	325,000
20	2,696,150	259,500	37	2,731,400	324,500
21	2,693,150	264,550	38	2,731,450	321,950

STATE OF WASHINGTON

<u>Angle</u> <u>Point #</u>	<u>East</u>	<u>North</u>
39	2,728,950	313,700
39a	2,733,000	311,300
39b	2,737,200	306,550
40	2,740,100	301,400
40a	2,752,150	301,850
41	2,752,000	300,400
42	2,755,600	302,200
*43	2,759,780	301,100
44	2,762,200	303,050
45	2,767,950	297,150
46	2,771,100	299,200
47	2,770,250	288,500
48	2,770,550	286,850
49	2,771,590	285,700
50	2,771,650	284,700
51	2,769,500	284,600
52	2,769,850	283,850
53	2,770,100	283,400
54	2,771,050	282,300
55	2,771,300	282,000
56	2,771,750	281,350
57	2,771,850	279,400
58	2,772,000	279,400
59	2,772,150	274,150
60	2,768,000	274,050
61	2,767,500	274,000
62	2,761,650	273,850
63	2,761,700	268,600
64	2,760,250	268,500
65	2,750,250	256,650

<u>Angle</u> <u>Point #</u>	<u>East</u>	<u>North</u>
73	2,714,400	847,550
74	2,712,000	844,300
75	2,709,700	839,250
76	2,707,200	840,600
77	2,702,650	842,450
78	2,701,150	840,200
79	2,695,100	839,750
80	2,698,500	834,350
81	2,695,050	832,100
82	2,697,950	830,700
83	2,685,650	817,000
84	2,683,100	814,050
85	2,664,450	812,600
86	2,650,350	813,900
87	2,650,100	815,550
88	2,651,950	819,300
89	2,652,150	824,500
90	2,651,550	833,300
91	2,652,250	834,500
92	2,652,300	835,300
93	2,648,400	839,900
94	2,652,550	857,800
95	2,655,450	859,400

STATE OF OREGON

66	2,750,850	855,950
67	2,750,300	849,650
68	2,740,750	847,150
69	2,736,700	853,300
70	2,730,450	854,850
71	2,727,800	853,350
72	2,715,400	848,400

* - Corrected July 1981

STATE OF WASHINGTON

<u>Angle</u> <u>Point #</u>	<u>East</u>	<u>North</u>	<u>Angle</u> <u>Point #</u>	<u>East</u>	<u>North</u>
39	2,728,950	313,700	73	2,714,400	847,550
39a	2,733,000	311,300	74	2,712,000	844,300
39b	2,737,200	306,550	75	2,709,700	839,250
40	2,740,100	301,400	76	2,707,200	840,600
40a	2,752,150	301,850	77	2,702,650	842,450
41	2,752,000	300,400	78	2,701,150	840,200
42	2,755,600	302,200	79	2,695,100	839,750
43	2,759,000	300,950	80	2,698,500	834,350
44	2,762,200	303,050	81	2,695,050	832,100
45	2,767,950	297,150	82	2,697,950	830,700
46	2,771,100	299,200	83	2,685,650	817,000
47	2,770,250	288,500	84	2,683,100	814,050
48	2,770,550	286,850	85	2,664,450	812,600
49	2,771,590	285,700	86	2,650,350	813,900
50	2,771,650	284,700	87	2,650,100	815,550
51	2,769,500	284,600	88	2,651,950	819,300
52	2,769,850	283,850	89	2,652,150	824,500
53	2,770,100	283,400	90	2,651,550	833,300
54	2,771,050	282,300	91	2,652,250	834,500
55	2,771,300	282,000	92	2,652,300	835,300
56	2,771,750	281,350	93	2,648,400	839,900
57	2,771,850	279,400	94	2,652,550	857,800
58	2,772,000	279,400	95	2,655,450	859,400
59	2,772,150	274,150			
60	2,768,000	274,050			
61	2,767,500	274,000			
62	2,761,650	273,850			
63	2,761,700	268,600			
64	2,760,250	268,500			
65	2,750,250	256,650			

STATE OF OREGON

66	2,750,850	855,950
67	2,750,300	849,650
68	2,740,750	847,150
69	2,736,700	853,300
70	2,730,450	854,850
71	2,727,800	853,350
72	2,715,400	848,400

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
1 Dead- man Peak	1			A point on the Oregon/Washington state line on the 5,800 foot contour line approximately 260 feet east of the Kendall Skyline Road, No. 64.
		662 384 487 284 531 583 686 1,014 718 1,009	61 344 103 112 96 95 337 309 324 317	Along a traverse that borders the Indian Camp Campground and trail head.
	2			Intersection of the Wilderness Boundary with the 5,400 foot contour line.
		528 475 634 426 264 354 435 412 334 402 334 653 381 426 284 373	0 0 270 277 37 27 14 320 18 337 18 14 56 60 68 8	Along the 5,400 foot contour line.
	3			A point on the 5,400 foot contour line approximately 270 feet east of the Kendall Skyline Road, No. 64.
		969 354 528 668 636 435 688	29 63 53 18 5 14 356	Along a traverse paralleling the Kendall Skyline Road, No. 64.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	4			Intersection of the Wilderness Boundary with the 5,800 foot contour line approximately 260 feet east of the Kendall Skyline Road, No. 64.
		498	328	
		478	276	
		334	18	
		561	311	
		704	283	
		454	234	
		373	278	
		402	337	
		501	18	
		384	16	
		472	333	
		531	354	
		571	56	Along the 5,800 foot contour road.
		354	63	
		662	61	
		321	9	
		1,172	278	
		381	34	
		581	0	
		551	73	
		308	31	
		472	27	
		354	63	
		668	72	
		531	354	
		538	259	
		653	256	
		321	351	
		569	338	
		583	265	
	5			Point on 5,800 foot contour line approximately 265 feet east of the Kendall Skyline Road, No. 64.
		308	31	Along a traverse that follows a small stream drainage.
		472	27	
		308	31	
	6			Point on 5,600 foot contour line approximately 925 feet east of the Kendall Skyline Road, No. 64.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		354 308 308 321 487 426 264 269 381 806 373	333 329 31 351 283 330 37 79 34 302 352	Along the 5,600 foot contour line.
	7			A point on 5,600 foot contour line approximately 650 feet east of the Kendall Skyline Road, No. 64.
		402 308 538	113 121 101	Along a traverse following a small stream.
	8			A point on the 5,400 foot contour line approximately 330 feet south of Kendall Skyline Road, No. 64.
		583 218 321 354 487 412 426 321 373 373 317 269 590 308 634 688 381	85 104 99 63 41 40 7 351 352 82 0 11 350 31 90 86 326	Along the 5,400 foot contour line.
	9			A point on the 5,400 foot contour line approximately 200 feet east of the Kendall Skyline Road, No. 64.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		373	8	Along a traverse paralleling the Kendall Skyline Road, No. 64.
		501	18	
		422	0	
		636	42	
		422	90	
		739	0	
		487	41	
		451	111	
		528	127	
		794	184	
		454	126	
		618	20	
		808	349	
		475	0	
		381	34	
		426	30	
		538	79	
		638	114	
		544	151	
		373	135	
	10			A point on the 5,400 foot contour line approximately 525 feet south of Kendall Skyline Road, No. 46.
2 Godman Spring		435	104	Along the 5,400 foot contour line.
		338	51	
		571	124	
		538	169	
		899	140	
		634	180	
		264	217	
		412	230	
		501	108	
		498	148	
		435	166	
		472	153	
		422	180	
		338	129	
		688	176	
		426	150	
		487	41	
		402	23	
		422	0	
		426	83	
		381	124	
		487	41	
		384	16	
		487	131	
		370	90	
		498	122	
		520	114	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		561	229	
		478	186	
		381	146	
		454	144	
		284	22	
		338	39	
		381	146	
		402	113	
	11			A point on the 5,400 foot contour line approximately 460 feet south of the Kendall Skyline Road, No. 46.
		475	90	Along a traverse.
	12			Intersection of Wilderness Boundary with the 5,600 foot contour line approximately 350 feet south of the Kendall Skyline Road, No. 46.
		264	127	
		426	187	Along the 5,600 foot contour line.
		338	231	
		269	101	
		334	108	
		167	108	
		412	40	
		472	27	
	13			Section corner common to Sections 19, 20, 29 and 30, T. 7N., R. 40E., approximately 330 feet south of the Kendall Skyline Rd., No. 46.
		475	90	
		520	114	
		426	150	
		451	159	
		426	150	Along a traverse paralleling a road paralleling a road leading to Stay Awhile Springs.
		454	144	
		412	140	
		334	108	
		426	120	
		373	135	
		269	101	
	14			A point 100 feet southeast of Stay Awhile Springs.
		299	45	
		402	337	
		426	300	
		381	304	
		448	315	
		373	315	
		435	346	Along a traverse paralleling Stay Awhile Spring Road and Kendall Skyline., No. 46.
		381	34	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		412	50	
		487	77	
		451	69	
		381	34	
		581	0	
		354	117	
		448	135	
		498	122	
		487	139	
		308	121	
		321	99	
	15			A point 100 feet south of Elwell Spring.
		334	72	
		501	72	
		581	90	
		448	45	
		826	27	
		561	139	Along the 5,400 foot contour line.
		528	180	
		373	135	
		373	45	
		597	135	
		750	129	
		561	131	
		597	135	
		487	139	
	16			A point on 5,400 foot contour line approximately 200 feet south of Twin Buttes Road, No. 4600300.
		498	148	
		538	101	Along a traverse following a spur ridge.
		538	79	
		528	90	
		487	77	
	17			A point 100 feet southwest of Deer Spring.
		402	113	
		662	151	
		544	151	
		569	158	
		478	174	
		384	164	
		373	172	Along a traverse which parallels Twin Buttes Road, No. 4600300.
		538	169	
		451	159	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		451	159	
		384	196	
		402	157	
		487	131	
		672	135	
		412	140	
		454	144	
		435	166	
	18			A point 60 feet west of Mead Spring.
		602	165	
		451	201	
		710	222	
		523	225	
		662	241	
		645	235	
		487	221	
		354	243	
		426	210	
		636	222	
		472	207	
		487	193	
		769	196	
		618	160	
		590	153	
		501	162	
		478	174	Along a traverse paralleling Twin Buttes
		373	172	Road No. 4600300 and Slicear Road No.
		412	140	4600301.
		528	90	
		448	45	
		384	16	
		435	14	
		384	16	
		454	306	
		412	320	
		448	315	
		472	333	
		426	353	
		487	13	
		544	29	
		602	38	
		451	69	
	19			A point 60 feet south of Zuger Spring.
		487	103	
		634	90	
		475	90	
		636	85	
		520	114	
		528	143	
		501	162	
		478	174	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		478	96	
		338	129	
		478	186	Along a traverse paralleling the Twin
		590	190	Buttes Road, No. 4600300.
		688	184	
		373	172	
		544	151	
		571	146	
		338	141	
		528	127	
		426	120	
		531	96	
	20			Coyote Spring.
		373	8	
		264	323	
		498	328	
		334	288	
		381	304	
		472	333	
		638	336	
		590	10	Along a traverse paralleling Twin Buttes
		531	6	Road, No. 4600300.
		602	15	
		642	351	
		426	330	
		531	264	
		338	321	
		498	328	
		645	325	
	21			A point on 5,200 foot contour line approx-
				imately 400 feet east of Twin Buttes Road,
				No. 4600300.
		426	277	
		373	315	
		338	321	
		334	252	
		370	0	
		531	84	
		381	326	
		269	11	
		284	22	
		384	16	
		370	0	
		478	354	
		384	344	
		435	346	
		472	333	
		472	333	
		284	68	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		338	39	
		451	339	
		317	0	Along the 5,200 foot contour line and
		373	315	along traverse parallel to the Twin Buttes
		501	342	Road, No. 4600300.
		412	230	
		448	315	
		426	300	
		373	315	
		538	349	
		422	0	
		478	354	
		269	11	
		338	51	
		454	306	
		308	329	
		451	21	
		551	287	
		569	292	
		454	324	
		381	304	
		448	315	
		422	0	
		551	343	
		269	259	
		338	219	
		381	304	
		269	259	
		334	288	
		218	14	
		264	307	
	22			A point on 5,200 foot contour line approx- imately 650 feet east of the southwest section corner of S. 22, T. 7N., R. 40E.
		373	262	
		487	283	
		426	277	
		734	300	
		498	328	
		636	312	Along a traverse parallel to Twin Buttes
		561	311	Road, No. 4600300.
		451	291	
		478	276	
		435	284	
		269	281	
	23			A point on 5,200 foot contour line approx- imately 600 feet north of Twin Buttes Road, No. 4600300.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		501	252	
		308	301	
		338	231	
		571	214	
		317	270	
		269	11	
		236	333	
		321	279	
		373	45	
		317	0	
		218	14	
		167	342	
		190	34	
		454	324	
		381	34	
		321	351	
		284	22	
		338	51	
		264	323	Along the 5,200 foot contour line and along a traverse parallel to the Kendall Skyline Road, No. 46.
		211	0	
		190	304	
		321	261	
		338	309	
		269	281	
		284	22	
		269	79	
		384	16	
		264	323	
		370	270	
		472	27	
		373	8	
		211	0	
		334	72	
		299	45	
		448	315	
		338	309	
		426	30	
		528	0	
		370	0	
		412	50	
		402	23	
		384	344	
		478	354	
		422	0	
		308	59	
		426	120	
		590	117	
		299	45	
		269	79	
		354	27	
		426	330	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		381	56	
		370	0	
		538	349	
		264	323	
		373	352	
		472	117	
		264	90	
		321	189	
		412	130	
		426	150	
		427	139	
	24			A point on the 5,200 foot contour line approximately 925 feet south of the Kendall Skyline Road, No. 46.
		384	106	
		373	98	
		321	81	
		435	104	
		264	90	
		478	84	
		426	97	
		264	127	
		454	126	
		354	63	
		381	34	
		426	7	Along a traverse parallel to the Kendall Skyline Road, No. 46.
		299	45	
		412	50	
		478	96	
		426	83	
		501	72	
		435	76	
		321	99	
		269	101	
		317	90	
		269	101	
		475	90	
	25			Top of Godman Ridge, elevation 5,878 feet.
		412	40	
		269	79	
		412	50	
		636	48	
		426	83	
		487	41	Along a traverse along the ridgetop and parallel to the Oregon Butte Road, No. 4608.
		590	27	
		487	41	
		448	45	
		520	24	
		412	40	
		264	37	
		402	23	
		264	37	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		597 236 284 158 334	45 63 68 90 72	
	26			A point on the 5,800 foot contour line approximately 400 feet south of the Oregon Butte Road, No. 4608.
		299 412 308 236 426 354 384 422	135 130 31 63 97 27 106 90	Along the 5,800 foot contour line.
	27			A point on the 5,800 foot contour line approximately 700 feet south of the Oregon Butte Road, No. 4608.
3 Oregon Butte		224 264	135 143	Along a traverse.
	28			A point on the 5,600 foot contour line approximately 800 feet south of the Oregon Butte Road, No. 4608.
		264 354 321 284 284 321 284 211 264 236	90 27 99 158 112 171 112 90 127 117	Along the 5,600 foot contour line.
	29			A point on the 5,600 foot contour line approximately 730 feet south of the Oregon Butte Road, No. 4608.

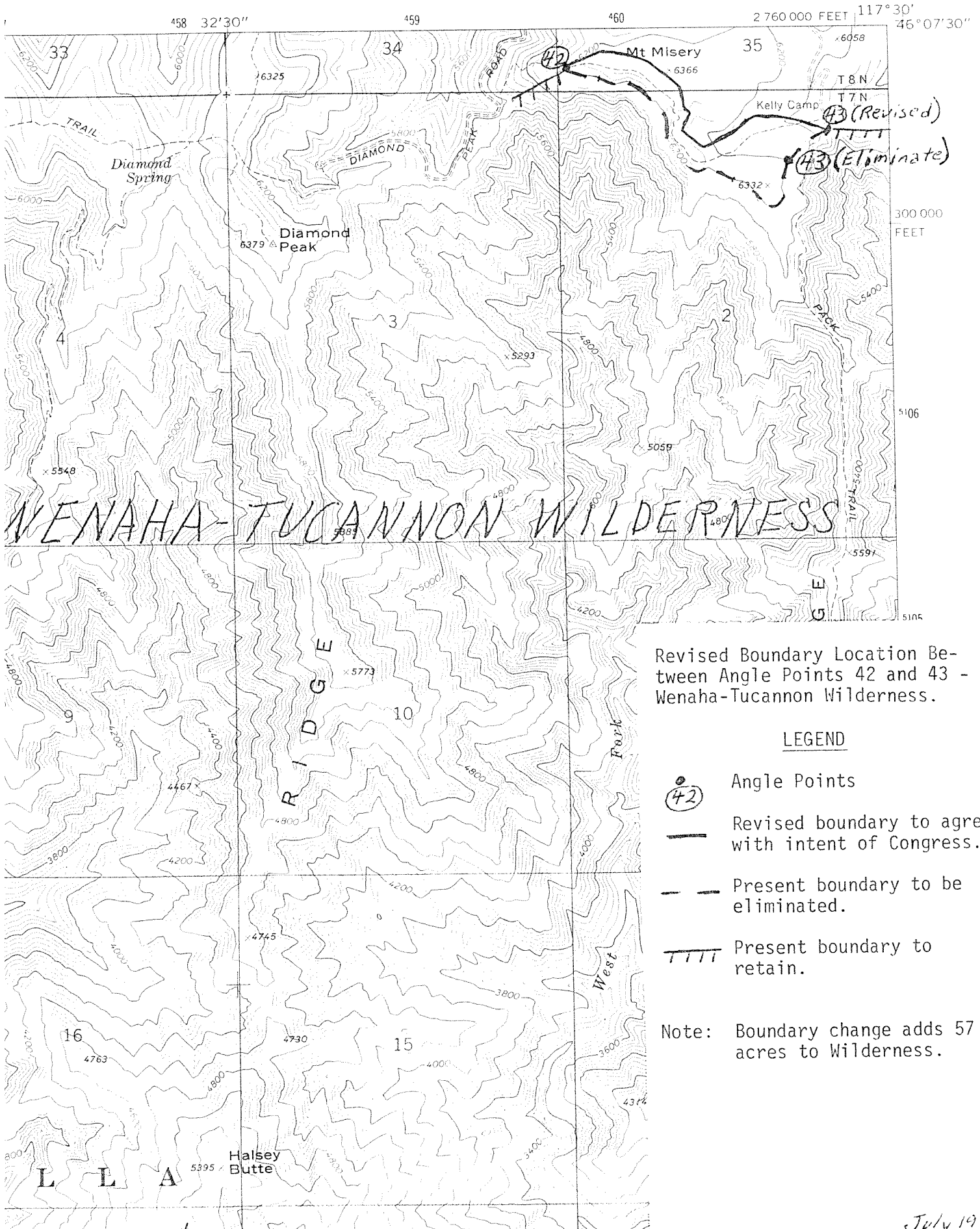
QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		426 236 218 284	97 63 76 68	Along a traverse following a small creek.
	30			A point on the 5,800 foot contour line approximately 800 feet south of the Oregon Butte Road, No. 4608.
		402 426 426 653 435 435 373 269 269 321 338 236 269 218 264 487 236 422 308 264 190 338 284 487 218 373 435 487 472 373 338 334 218 373 284 269	203 210 240 256 194 76 98 101 11 81 39 117 11 346 37 41 27 0 59 0 56 39 112 13 104 8 104 13 63 98 51 108 104 8 68 11	Along a 5,800 contour line.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	31			A point on the 5,800 foot contour line approximately 1,200 feet south of the Oregon Butte Road No. 4608 on the ridgetop.
		317 334 321 317 236	90 108 99 90 63	Along a traverse following the ridgetop.
	32			A point 360 feet east of Teepee Camp-ground on ridgetop.
		284 236 264 321 338 334 402 354 334 264 426 402 638 602 472 384 426 426	338 333 307 351 309 288 293 333 342 323 263 247 246 255 243 254 277 300	Along a traverse parallel to the Oregon Butte Road No. 4608 and crosses Turkey Creek
	33			A point on Big Turkey Tail ridgetop approximately 200 feet north of existing road.
		264 472 284 338 354 338	37 27 22 39 27 51	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
4 Panjab		402	23	
		412	40	
		520	24	
		412	40	
		384	16	
		735	21	
		412	40	
		426	353	
		321	351	Along a traverse following Big Turkey Tail ridge.
		487	347	
		236	333	
		435	346	
		321	351	
		528	37	
		269	11	
		426	7	
		269	11	
		264	37	
		412	320	
		487	347	
		478	6	
		435	346	
		384	16	
		523	45	
		384	344	
		284	22	
		264	37	
		354	27	
		381	34	
		264	37	
		528	37	
		454	36	
		269	11	
		435	14	
		299	45	
		412	50	
		381	34	
		370	0	
		236	333	
		284	338	
		321	351	
		422	0	
	34			Point on Big Turkey Tail ridge, ele- vation 4,545 feet.





DIAMOND PEAK QUADRANGLE
WASHINGTON
7.5 MINUTE SERIES (TOPOGRAPHIC)

2576 III NW
(PINKHAM BUTTE)



Revised Boundary Location Between Angle Points 42 and 43 - Wenaha-Tucannon Wilderness.

LEGEND

-  Angle Points
-  Revised boundary to agree with intent of Congress.
-  Present boundary to be eliminated.
-  Present boundary to retain.

Note: Boundary change adds 57 acres to Wilderness.

July 1981

Corrected - July 1981

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		338	321	
		381	326	Along a traverse following a spur ridge
		426	330	and across Panjab Creek.
		381	304	
		264	307	
		264	307	
35				The intersection of the Wilderness Boun- dary with the mean high water line along the western bank of Panjab Creek.
		435	14	
		531	6	
		308	31	
		435	14	
		321	351	
		373	352	
		426	7	
		384	16	
		435	14	
		422	0	
		538	11	
		487	347	
		590	350	
		498	32	Along a traverse following the mean
		571	34	high water line along the western bank
		523	45	of Panjab Creek.
		454	36	
		583	5	
		528	0	
		384	16	
		334	18	
		422	0	
		412	50	
		454	36	
		472	27	
		569	22	
		338	39	
		478	6	
		264	37	
		338	51	
36				Junction of Panjab Creek and Tucannon River.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		338 381 426 381 264 264	321 326 330 304 307 307	Along a traverse following a spur ridge.
	35			The intersection of the Wilderness Boundary with Panjab Creek.
		435 531 308 435 321 373 426 384 435 422 538 487 590 498 571 523 454 583 528 384 334 422 412 454 472 569 338 478 264 338	14 6 31 14 351 352 7 16 14 0 11 347 350 32 34 45 36 5 0 16 18 0 50 36 27 22 39 6 37 51	Along a traverse following Panjab Creek.
	36			Junction of Panjab Creek and Tucannon River.

Corrected - July 1981

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		561	131	
		475	90	
		422	90	
		561	139	
		561	131	
		708	117	
		688	122	
		435	76	
		538	79	
		478	84	
		583	95	
		454	126	
		531	84	
		478	84	
		642	99	
		531	96	
		668	108	
		571	146	
		487	103	
		569	68	Along a traverse following the mean high water line along the northern bank of the Tucannon River.
		472	63	
		590	80	
		544	119	
		571	124	
		544	119	
		544	119	
		448	135	
		498	122	
		475	90	
		487	77	
		616	121	
		501	108	
		618	110	
		569	112	
		487	103	
		544	61	
		498	58	
		538	79	
		487	77	
		602	128	
		412	130	
5		528	143	
Stentz		412	130	
Spring		569	68	
	36a			Junction of Tucannon River with Sheep Creek.
		498	58	Along a traverse.
	36b			A point on the Tucannon Trail #3135.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
5 Stentz Spring		561	131	Along a traverse following Tucannon River.
		475	90	
		422	90	
		561	139	
		561	131	
		708	117	
		688	122	
		435	76	
		538	79	
		478	84	
		583	95	
		454	126	
		531	84	
		478	84	
		642	99	
		531	96	
		668	108	
		571	146	
		487	103	
		569	68	
		472	63	
		590	80	
		544	119	
		571	124	
		544	119	
		544	119	
		448	135	
		498	122	
		475	90	
		487	77	
		616	121	
		501	108	
		618	110	
		569	112	
		487	103	
		544	61	
		498	58	
		538	79	
		487	77	
		602	128	
		412	130	
		528	143	
		412	130	
		569	68	
	36a			Junction of Tucannon River with Sheep Creek.
		498	58	Along a traverse.
	36b			A point on the Tucannon Trail #3135.

Corrected - July 1981

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		373	98	
		370	90	Traverse along Tucannon Trail #3135.
		264	90	
	36c			A point on Tucannon Trail #3135.
		384	106	
		269	101	Along a traverse.
		284	112	
	36d			A point on the 3600 foot contour line or 200 feet north of Tucannon Trail #3135.
		299	135	Along the 3600 foot contour line
		354	117	which is 200 feet north of Tucannon
		264	127	Trail #3135.
	37			Intersection of Columbia and Garfield County lines with the 3600 foot contour line. Approximately 300 feet north of Tucannon River.
		2,592	180	Along a traverse following the section line between S. 12, T. 9N., R. 41E. and S. 7, T. 9N., R. 42E.
	38			Southeast section corner of Section 12, T. 9N., R. 41E.
		284	248	
		426	210	
		487	221	
		498	212	
		448	225	
		501	252	
		531	264	
		373	278	
		373	225	
		487	221	Along a traverse following Horse Ridge.
		498	238	
		373	225	
		373	225	
		472	207	

4
Panjab

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		373	98	Traverse along Tucannon Trail #3135.
		370	90	
		264	90	
	36c			A point on Tucannon Trail #3135.
		384	106	Along a traverse.
		269	101	
		284	112	
	36d			A point on the 3600 foot contour line.
		299	135	Along the 3600 foot contour line.
		354	117	
		264	127	
	37			Intersection of Columbia and Garfield County lines with the 3600 foot contour line. Approximately 300 feet north of Tucannon River.
		2,592	180	Along a traverse following the section line between S. 12, T. 9N., R. 41E. and S. 7, T. 9N., R. 42E.
	38			Southeast section corner of Section 12, T. 9N., R. 41E.
4 Panjab		284	248	Along a traverse following Horse Ridge.
		426	210	
		487	221	
		498	212	
		448	225	
		501	252	
		531	264	
		373	278	
		373	225	
		487	221	
		498	238	
		373	225	
		373	225	
		472	207	

Corrected - July 1981

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		618	200	
		668	198	
		1,025	168	
		1,159	150	
		806	148	
		448	135	
		435	104	
5 Stentz Spring	39			A point approximately 600 feet north of the top of Horse Ridge, elevation 5,763 feet.
		422	90	
		426	97	
		354	117	
		561	131	
		373	135	Along a traverse following the ridgetop and north of the Blue Mountain Trail, No. 6144.
		381	146	
		487	131	
		308	121	
		472	117	
		381	124	
		402	113	
		338	129	
	39a			A point on ridgetop approximately 800 feet east of Blue Mountain Trail No. 6144.
		756	155	
		284	158	
		321	171	
		373	172	
		321	171	
		334	162	
		384	164	Along a traverse north and east of ridgetop.
		338	141	
		338	129	
		381	124	
		412	130	
		426	120	
		616	121	
		402	113	
		451	111	
		662	119	
	39b			A point on the section line between Sections 30 and 31, T.8N., R.42E., W.M., approximately 2200 feet west of section corner common to 29, 30, 31 and 32, T.8N., R.42E., W.M.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		618	200	
		668	198	
		1,025	168	
		1,159	150	
		806	148	
		448	135	
		435	104	
5 Stentz Spring	39			Point on top of Horse Ridge, elevation 5,763 feet.
		422	90	
		426	97	
		354	117	
		561	131	
		373	135	Along a traverse following the ridgetop and north of the Blue Mountain Trail, No. 6144.
		381	146	
		487	131	
		308	121	
		472	117	
		381	124	
		402	113	
		338	129	
	39a			A point on ridgetop approximately 800 feet east of Blue Mountain Trail No. 6144.
		756	155	
		284	158	
		321	171	
		373	172	
		321	171	
		334	162	
		384	164	Along a traverse north and east of ridgetop.
		338	141	
		338	129	
		381	124	
		412	130	
		426	120	
		616	121	
		402	113	
		451	111	
		662	119	
	39b			A point on the section line between Sections 30 and 31, T.8N., R.42E., W.M., approximately 2200 feet west of section corner common to 29, 30, 31 and 32, T.8N., R.42E., W.M.

Corrected - July 1981

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		426	120	
		544	119	
		381	124	
		636	132	
		487	139	Along a traverse across a small stream and along a ridgetop.
		528	143	
		528	143	
		472	153	
		472	153	
		384	164	
		373	172	
		756	205	
		525	180	
6	40			A point on the section line between Section 32, T.8N., R.42E., and Section 5, T.7N., R.42E., W.M., approximately 800 feet east of section corner common to Sections 31, 32, T.8N., R.42E., and 5, 6, T.7N., R.42E., W.M.
Diamond Peak				
		12,046	88	Traverse along section line.
	40a			A point on section line between Section 34, T.8N., R.42E., and Section 3, T.7N., R.42E., W.M. approximately 2000 feet east of section corner common to Sections 33 & 34, T.8N., R.42E. and 3 & 4, T.7N., R.42E., W.M. and also at 6000 foot con- tour line.
		373	225	Traverse along 6000 foot contour line.
		381	214	
		498	238	
		236	243	
		264	143	
		338	141	
		211	90	
		422	90	
	41			A point on ridgetop at 6000 foot elevation.
		321	81	Along a traverse following a ridge, but south of the Diamond Peak Road No. 4030.
		531	84	
		373	98	
		373	98	
		412	50	
		454	36	
		454	36	
		426	30	
		1,040	66	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		426	120	
		544	119	
		381	124	
		636	132	
		487	139	Along a traverse across a small stream and along a ridgetop.
		528	143	
		528	143	
		472	153	
		472	153	
		384	164	
		373	172	
		756	205	
		525	180	
	40			A point on the section line between Section 32, T.8N., R.42E., and Section 5, T.7N., R.42E., W.M., approximately 500 feet east of section corner common to Sections 31, 32, T.8N., R.42E., and 5, 6, T.7N., R.42E., W.M.
		12,046	88	Traverse along section line.
	40a			A point on section line between Section 34, T.8N., R.42E., and Section 3, T.7N., R.42E., W.M. approximately 2000 feet east of section corner common to Sections 33 & 34, T.8N., R.42E. and 3 & 4, T.7N., R.42E., W.M. and also at 6000 foot con- tour line.
		373	225	
		381	214	
		498	238	Traverse along 6000 foot contour line.
		236	243	
		264	143	
		338	141	
		211	90	
		422	90	
	41			A point on ridgetop at 6000 foot elevation.
		321	81	
		531	84	
		373	98	
		373	98	Along a traverse following a ridge, but south of the Diamond Peak Road No. 4030.
		412	50	
		454	36	
		454	36	
		426	30	
		1,040	66	

Corrected - July 1981

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	42			A point on 6,200 foot contour line where it crosses the abandoned Misery Trail on a ridge 100 feet east of the section line between Sections 34 and 35, T.8N., R.42E.
		539	59	
		279	111	
		462	95	
		405	123	
		469	130	
		263	171	
		216	146	Along a traverse parallel and 200
		278	210	feet north of the abandoned Misery
		382	137	Trail.
		361	71	
		384	51	
		305	67	
		422	95	
		709	106	
	43			A point on the 6,000 foot contour line 650 feet west of Diamond Peak Road No. 4030.
		211	90	
		317	90	
		475	90	
		190	124	
		284	68	
7		299	45	Along a traverse along a ridgetop but
Saddle		373	8	south of Diamond Peak Road, No. 4030.
Butte		269	11	
		373	45	
		384	74	
		354	63	
	44			A point on the 6,000 foot contour line approximately 330 feet east of the Diamond Peak Road, No. 4030.
		299	135	
		299	135	
		412	130	
		454	144	
		373	135	
		454	144	
		334	162	
		370	90	
		373	82	
		264	127	
		412	140	
		334	162	Along the 6,000 foot contour line.
		384	164	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	42			A point on 6,200 foot contour line.
		373	98	
		284	112	
		373	82	
		338	141	
		338	141	
		284	158	
		269	169	
		487	139	Along the 6,200 foot contour line.
		269	79	
		381	124	
		402	113	
		338	141	
		158	90	
		264	53	
		308	329	
		284	22	
	43			A point on the 6,200 foot contour line.
		299	45	
		299	45	
		218	76	
		211	90	Along a traverse along a ridgetop but
		317	90	south of Diamond Peak Road, No. 4030.
		475	90	
		190	124	
		284	68	
		299	45	
		373	8	
		269	11	
		373	45	
		384	74	
		354	63	
	44			A point on the 6,000 foot contour line
				approximately 330 feet east of the Diamond
				Peak Road, No. 4030.
		299	135	
		299	135	
		412	130	
		454	144	
		373	135	
		454	144	
		334	162	
		370	90	
		373	82	
		264	127	
		412	140	
		334	162	Along the 6,000 foot contour line.
		384	164	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		538	169	
		426	150	
		402	157	
		435	166	
		370	90	
		308	121	
		520	156	
		402	157	
		602	165	
		422	180	
		454	126	
		384	16	
		384	344	
		299	45	
	45			A point on the 6,000 contour line on top of spur ridge.
		373	82	
		284	68	
		373	98	
		381	56	
		426	83	Following a traverse descending a spur ridge and across Saddle Creek.
		373	45	
		308	31	
		299	45	
		236	63	
		338	39	
		224	45	
		190	34	
		224	45	
	46			A point approximately 450 feet west of the Pomeroy Troy Road, No. 40.
		308	149	
		412	140	
		299	135	
		381	124	
		308	149	
		402	113	
		412	140	
		354	153	
		472	153	
		334	162	
		334	162	
		373	172	
		370	180	
		373	188	
		264	217	
		308	211	Following a traverse parallel and approximately 300-400 feet west of the Pomeroy Troy Road, No. 40.
		384	196	
		435	256	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		381	214	
		321	189	
		381	304	
		317	270	
		373	262	
		412	220	
		308	211	
		402	203	
		218	166	
		308	149	
		236	207	
		284	202	
		264	217	
		284	248	
		334	198	
		321	189	
		435	194	
		264	180	
		264	217	
		236	207	
		264	180	
		317	180	
		317	180	
		190	124	
		269	191	
		269	191	
		426	173	
	47			A point 200 feet west of Saddle Spring Guard Station.
		334	162	Along a traverse following a ridgetop.
		501	162	
	48			A point on the 5,200 foot contour line approximately 450 feet west of Pomeroy Troy Road, No. 40.
		373	135	
		284	158	
		451	159	
		284	158	Along the 5,200 foot contour line.
		373	82	
	49			A point on the section line dividing Sections 17 and 18, T. 7N., R. 43E.
		1,003	180	Along a section line dividing Sections 17 and 18, T. 7N., R. 43E.
	50			Section corner common to Sections 17, 18, 19 and 20, T. 7N., R. 43E.

Corrected - July 1981

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		2,165	270	Along the section line dividing Sections 18 and 19, T. 7N., R. 43E.
51				Intersection of the section line dividing Sections 18 and 19, T. 7N., R. 43E. with the 5,720 foot contour line.
		264	233	
		373	278	
		308	211	
		354	207	
		264	217	
		370	180	Along the 5,600 foot contour line.
		520	114	
		299	45	
		384	16	
		264	53	
		373	98	
52				A point on the 5,600 foot contour line approximately 130 feet south of the Saddle Butte Road, No. 4000470.
		472	153	Along a traverse to a point on the 5,400 foot contour line.
53				A point on the 5,400 contour line approximately 400 feet south of Saddle Butte Road, No. 4000470.
		381	146	
		308	149	Along the 5,400 foot contour line.
		218	76	
		354	153	
		381	146	
54				A point on the 5,400 foot contour line approximately 200 feet south of Saddle Butte Road, No. 4000470.
		412	140	Along a traverse to a point on the 5,200 foot contour line.
55				A point on the 5,200 foot contour line approximately 400 feet west of Saddle Butte Road, No. 4000470.
		354	153	Along the 5,200 foot contour line.
		472	153	
56				Intersection of the 5,200 foot contour line with section line dividing Sections 19 and 20, T. 7N., R. 43E.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		2,165	270	Along the section line dividing Sections 18 and 19, T. 7N., R. 43E.
	51			Intersection of the section line dividing Sections 18 and 19, T. 7N., R. 43E. with the 5,600 foot contour line.
		264 373 308 354 264 370 520 299 384 264 373	233 278 211 207 217 180 114 45 16 53 98	Along the 5,600 foot contour line.
	52			A point on the 5,600 foot contour line approximately 130 feet south of the Saddle Butte Road, No. 4000470.
		472	153	Along a traverse to a point on the 5,400 foot contour line.
	53			A point on the 5,400 contour line approximately 400 feet south of Saddle Butte Road, No. 4000470.
		381 308 218 354 381	146 149 76 153 146	Along the 5,400 foot contour line.
	54			A point on the 5,400 foot contour line approximately 200 feet south of Saddle Butte Road, No. 4000470.
		412	140	Along a traverse to a point on the 5,200 foot contour line.
	55			A point on the 5,200 foot contour line approximately 400 feet west of Saddle Butte Road, No. 4000470.
		354 472	153 153	Along the 5,200 foot contour line.
	56			Intersection of the 5,200 foot contour line with section line dividing Sections 19 and 20, T. 7N., R. 43E.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		1,902	180	Along the section line dividing Sections 19 and 20, T. 7N., R. 43E.
	57			Section corner common to Sections 19 and 20, T. 7N., R. 43E.
		321	90	Along section line dividing Sections 30 and 20, T. 7N., R. 43E.
	58			Corner common to Sections 29 and 30, T. 7N., R. 43E.
		5,227	180	Along section line dividing Sections 29 and 30, T. 7N., R. 43E.
	59			Section corner common to Sections 29, 30, 31 and 32, T. 7N., R. 43E.
		4,224	270	Along section line dividing Sections 30 and 31, T. 7N., R. 43E.
	60			A point on the section line dividing Sections 30 and 31, T. 7N., R. 43E., approximately 200 feet east of South Boundary Road, No. 4037.
		190 299 211 167 284	326 315 270 198 158	Along a traverse to a point on the section line dividing Sections 30 and 31, T. 7N., R. 43E.
	61			A point on the section line dividing Sections 30 and 31, T. 7N., R. 43E., approximately 200 feet west of South Boundary Road, No. 4037.
		5,862	270	Along section line dividing Sections 30 and 31, T. 7N., R. 43E. and Sections 25 and 36, T. 7N., R. 42E.
	62			Section corner common to Sections 25, 26, 35 and 36, T. 7N., R. 42E.
		5,280	180	Along section line dividing Sections 35 and 36.
	63			Section corner common to Sections 35 and 36, T. 7N., R. 42E.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
6 Diamond Peak		1,531	270	Along section line dividing Sections 35, T. 7N., R. 42E., and Section 2, T. 6N., R. 42E.
	64			A point on the section lines dividing Section 35, T. 7N., R. 42E., and Section 2, T. 6N., R. 42E., approximately 1,452 feet west of the section corner common to Sections 35 and 36, T. 7N., R. 42E.
		269	11	
		236	27	
		284	22	
		334	18	
		218	284	
		218	284	
		284	248	
		299	225	
		402	203	
		381	214	
		167	198	
		317	270	
		284	338	
		236	297	
		264	307	
		190	214	
		236	207	
		284	248	
		370	270	
		354	297	
		321	279	
		269	281	
		321	261	
		402	247	
		308	239	
		426	263	
		370	270	
		308	239	
		308	211	Along a traverse following breaks into First and Crooked Creeks.
		308	211	
		334	252	
		308	239	
		528	270	
		384	254	
		435	256	
		354	243	
		435	256	
		334	252	
		218	284	
		264	270	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
8 Eden		384	254	
		402	293	
		317	270	
		264	307	
		402	247	
		308	211	
		354	207	
		236	153	
		384	164	
		211	180	
		269	191	
		299	225	
		236	243	
		299	225	
		269	191	
		236	153	
		451	159	
		451	159	
		264	180	
		373	172	
		236	207	
		422	180	
		426	173	
		284	202	
		384	164	
		528	180	
		381	124	
		334	162	
		338	141	
		317	180	
		264	143	
		334	162	
		384	196	
		426	173	
		338	141	
		338	129	
		338	219	
		472	207	
	65			A point on the Oregon/Washington state line.
		694	189	
		317	180	
		426	187	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		284	202	
		218	194	
		321	189	
		321	189	
		426	187	Along a traverse following break into Crooked Creek and down Spur Ridge to Wenaha River.
		321	189	
		426	173	
		435	194	
		370	180	
		334	162	
		426	187	
		284	158	
		264	143	
		269	101	
		475	180	
		321	171	
		478	174	
		373	172	
		321	171	
		321	171	
	66			A point on the Wenaha River approximately 1,320 feet west of the section line be- tween Sections 26 and 27, T. 6N., R. 42E.
		236	153	
		284	158	
		334	162	
		373	188	
		218	166	
		264	180	
		422	180	
		373	172	
		475	180	
		321	189	
		381	214	Along a traverse following Spur Ridge and break into Wenaha River.
		523	225	
		487	229	
		412	230	
		381	236	
		373	278	
		531	264	
		520	246	
		435	256	
		451	249	
		338	231	
		338	219	
		451	249	
		602	232	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	67			A point on the 3,600 foot contour line.
		472	243	
		602	255	
		642	261	
		472	207	
		426	240	
		373	225	
		704	257	
		638	246	
		412	220	Along the 3,600 foot contour line.
		384	196	
		412	220	
		321	351	
		478	276	
		218	284	
		236	297	
		321	261	
	68			A point on the 3,600 foot contour line.
		236	27	
		338	51	
		321	9	
		321	9	
		321	351	
		354	333	
		402	23	
		402	23	
		373	8	
		264	37	
		487	13	
		370	0	
		317	0	
		334	342	Along a traverse following the break into the Wenaha River.
		308	239	
		308	211	
		308	211	
		321	261	
		299	315	
		264	323	
		190	304	
		299	315	
		308	301	
		190	326	
		284	338	
		269	281	
		236	243	
		544	331	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		561	229	
		412	320	
		384	254	
		448	315	
		551	343	
		338	309	
	69			A point on the 3,400 foot contour line.
9 Elbow Creek		264	270	
		236	333	
		224	315	
		236	333	
		381	326	
		308	239	
		501	252	
		426	187	
		384	196	
		236	243	
		354	207	
		211	180	
		264	233	
		334	198	
		373	188	
		269	281	
		426	187	
		426	187	Along the 3,400 contour line.
		498	302	
		426	240	
		373	262	
		236	243	
		269	259	
		334	288	
		269	259	
		498	32	
		321	99	
		412	40	
		426	7	
		478	354	
		334	342	
		308	329	
		381	34	
		475	0	
		538	349	
		551	343	
		384	286	
		373	278	
		478	276	
		211	270	
		224	315	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	70			A point on 3,400 foot contour line where it crosses small drainage.
		520	246	
		498	238	
		451	249	
		501	252	Along a traverse and creek.
		498	238	
		190	236	
		236	243	
		264	217	
	71			A point on 4,000 foot contour line where it crosses small drainage.
		538	11	
		426	7	
		218	346	
		299	315	
		338	309	
		501	252	
		478	264	
		544	241	
		426	240	
		435	256	
		384	286	
		308	329	
		264	323	
		354	243	
		454	234	
		451	201	
		426	210	
		402	203	
		498	212	Along the 4,000 foot contour line.
		334	198	
		317	180	
		354	207	
		338	219	
		338	231	
		384	344	
		321	351	
		264	323	
		426	353	
		167	288	
		236	243	
		422	0	
		426	7	
		269	11	
		422	0	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		149	315	
		218	346	
		334	18	
		269	11	
		435	346	
		381	214	
		412	220	
		284	292	
		334	198	
		426	187	
		426	277	
		334	288	
		321	279	
		501	162	
		478	186	
		264	217	
		373	188	
		264	217	
		334	252	
		284	292	
		321	279	
		317	270	
		426	173	
		412	230	
		236	207	
		269	169	
		426	210	
		338	231	
		284	202	
		269	259	
		498	302	
		451	291	
		426	187	
		451	201	
		284	202	
		321	261	
		321	189	
		269	169	
		218	166	
		426	240	
	72			A point on 4,000 foot contour line where it intersects section line dividing Sections 33 and 34, T. 6N., R. 41E.
		381	214	
		354	207	
		381	214	
		269	281	
		218	284	
				Along a traverse.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	73			A point on the 4,200 foot contour line.
		426	210	
		338	219	
		317	180	
		384	286	
		435	256	
		381	214	Along the 4,200 contour line.
		354	207	
		435	194	
		354	207	
		472	207	
		373	225	
		264	233	
	74			A point on the 4,200 foot contour line.
		308	121	
		338	141	
		284	158	
		381	214	
		308	211	
		616	211	
		402	203	
		384	196	
		381	124	
		308	121	
		334	198	Along a traverse following break into Wenaha River.
		321	261	
		284	158	
		321	171	
		334	198	
		334	198	
		412	220	
		384	254	
		384	254	
		422	270	
		370	270	
		384	254	
	75			Big Hole, elevation 4,920 feet, approxi- mately 200 feet north of Troy Lookingglass Road, No. 62.
		402	247	
		338	219	
		308	239	
		487	221	
		338	219	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		338	219	
		354	207	
		308	239	
		538	349	
		284	338	Along a traverse following break into
		284	338	Wenaha River and Big Hole canyon north of
		435	346	Troy Lookingglass Road, No. 62.
		426	353	
		370	0	
		224	45	
		373	8	
		284	338	
		211	0	
		284	338	
	76			A point on the 4,200 foot contour line where it crosses small creek.
		299	45	
		472	27	
		373	8	
		321	9	
		236	27	
		284	338	
		338	39	
		321	9	
		211	0	
		284	338	
		269	349	
		269	349	
		321	261	
		373	262	Along 4,200 foot contour line.
		269	259	
		264	233	
		308	211	
		334	252	
		426	263	
		334	252	
		370	270	
		224	315	
		236	297	
		284	202	
		381	236	
		264	233	
		264	233	
		224	225	
		224	315	
		264	323	
		269	259	
		190	236	
		218	256	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	77			A point on the 4,200 foot contour line top of Spur Ridge.
		402	203	
		384	196	
		338	141	
		236	207	
		299	225	Along a traverse along a break into the Wenaha River.
		426	240	
		373	262	
		426	240	
		402	203	
	78			A point on the 4,400 foot contour line.
10 Wenaha Forks		402	203	
		487	221	
		590	350	
		739	0	
		487	257	
		354	297	
		218	284	
		269	349	
		218	284	
		218	284	
		218	256	
		384	344	Along the 4,400 foot contour line.
		264	307	
		321	261	
		264	270	
		218	256	
		538	191	
		412	310	
		236	333	
		435	284	
		264	270	
		224	225	
		269	259	
		264	270	
		402	203	
		264	180	
		264	180	
		236	207	
		269	259	
		373	188	
	79			A point on the 4,400 foot contour line where it crosses small creek.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		338	129	
		498	122	
		454	126	
		571	146	
		472	153	
		487	139	
		381	124	Along a traverse following stream drainage.
		426	120	
		616	121	
		373	135	
		402	157	
		426	187	
		636	185	
		538	191	
		581	180	
	80			A point in small creek at elevation 4,880 feet, approximately 660 feet west of Jeep Road.
		426	120	
		402	113	
		384	106	
		106	90	
		454	144	
		338	141	
		269	169	
		373	225	
		528	217	
		211	270	
		284	248	
		381	236	
		384	254	Along a traverse adjacent to Old Jeep Road and north of Troy Lookingglass Road, No. 62 and north of Elk Flat Road, No. 6200290.
		373	278	
		373	278	
		583	275	
		381	304	
		487	283	
		475	270	
		354	297	
		384	286	
		370	270	
	81			A point on 4,920 foot contour line where it crosses Elk Flat Trail, No. 3241.

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QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		501	162	
		451	111	
		190	124	
		354	117	
		284	112	Along a traverse following approximately
		451	111	400 feet south of Elk Flats Road No.
		422	90	6200290.
		426	97	
		412	140	
82				A point on the 4,980 foot contour line approximately 200 feet west of the Troy Lookingglass Road, No. 62.
		718	216	
		710	222	
		1,016	242	
		653	256	
		710	228	
		638	246	
		528	217	
		756	205	
		544	209	
		785	250	
		602	255	
		645	215	
		531	186	Along a traverse following ridge top.
		583	185	
		590	207	
		636	222	
		569	248	
		974	221	
		804	203	
		645	215	
		1,009	227	
		792	233	
		924	239	
		672	225	
		718	253	
		454	216	
		501	198	
		422	180	
		454	216	
83				A point 860 feet east of section corner common to Sections 27, 28, 33 and 34, T. 5S., R. 40E.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		501	162	
		451	111	
		190	124	
		354	117	
		284	112	
		451	111	Along the 4,920 foot contour line.
		422	90	
		426	97	
		412	140	
	82			A point on the 4,920 foot contour line approximately 270 feet west of the Troy Lookingglass Road, No. 62.
		718	216	
		710	222	
		1,016	242	
		653	256	
		710	228	
		638	246	
		528	217	
		756	205	
		544	209	
		785	250	
		602	255	
		645	215	
		531	186	Along a traverse following ridge top.
		583	185	
		590	207	
		636	222	
		569	248	
		974	221	
		804	203	
		645	215	
		1,009	227	
		792	233	
		924	239	
		672	225	
		718	253	
		454	216	
		501	198	
		422	180	
		454	216	
	83			A point 860 feet east of section corner common to Sections 27, 28, 33 and 34, T. 5S., R. 40E.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
11 Fry Meadows		481	221	
		236	207	
		688	212	
		662	209	Along a traverse.
		636	228	
		448	225	
		412	230	
		334	252	
	84			A point 150 feet east of Timothy Springs Road, No. 6415 and west of Jeep Road.
12 Jubilee Lake		384	344	
		370	0	
		478	354	
		422	0	
		451	339	
		435	346	
		167	342	
		412	310	
		422	270	
		354	333	
		478	276	
		317	270	
		354	243	
		317	270	
		370	270	
		334	252	
		264	180	
		284	202	
		190	236	
		284	248	
		269	259	
		218	284	
		236	297	
		158	0	
		334	342	
		338	321	
		308	329	
		264	323	Along a traverse north of Timothy Springs Road, No. 6415.
		308	301	
		236	333	
		308	301	
		338	309	
		334	288	
		370	270	
		435	256	
		264	270	
		269	281	
		381	304	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		224	315	
		373	352	
		264	323	
		190	326	
		334	288	
		426	263	
		269	259	
		321	261	
		402	247	
		269	259	
		354	243	
		334	252	
		338	231	
		338	231	
		412	230	
		264	217	
		269	191	
		308	211	
		384	196	
		299	225	
		317	270	
		321	261	
		317	270	
		269	281	
		384	286	
		264	270	
		487	257	
		381	214	
		264	180	
		299	225	
		426	210	
		284	202	
		338	219	
		370	180	
		321	171	
		334	108	
		334	108	
		218	104	
		236	117	
		334	252	
		269	259	
		321	261	
		269	259	
		299	225	
		264	217	
		426	263	
		321	261	
		299	225	
		224	315	
		218	256	
		236	243	
		487	283	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	85			A point on Timothy Trail approximately 530 feet north of Timothy Spring Road No. 6415 and north of Timothy Campground area.
		308	211	
		338	231	
		284	248	
		354	243	
		475	270	
		224	225	
		334	198	
		264	217	
		422	270	
		190	56	
		236	27	
		321	351	
		384	286	
		308	301	
		412	320	
		454	306	
		451	291	
		236	297	
		264	323	
		321	279	
		370	180	
		264	143	
		236	117	Along a traverse north of Timothy Spring Road, No. 6415.
		354	117	
		264	127	
		334	252	
		269	259	
		264	270	
		264	270	
		236	27	
		384	344	
		373	315	
		354	297	
		269	281	
		264	307	
		321	9	
		167	288	
		299	315	
		284	292	
		317	270	
		384	254	
		412	230	
		308	211	
		211	180	
		284	248	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		317 520 498 384 284 284 454 475 317 354 334 334 402 321 381 538 478	270 294 302 286 292 292 306 270 270 297 288 252 247 261 304 281 276	
	86			A point in creek approximately 260 feet north of Timothy Spring Road, No. 6415.
		269 531 487 167 211	349 354 347 342 0	Along a traverse following a small creek.
13 Bone Spring	87			A point 200 feet east of Kendall Skyline Road, No. 64.
		478 373 284 426 338 373 354 544 264 218 236 224 338 211 373 264 236 373 167 218	84 82 68 83 39 82 63 61 53 346 333 315 309 0 352 323 333 352 342 346	Along a traverse east of Kendall Skyline Road, No. 64.

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		218	346	
		373	8	
		334	72	
		321	9	
		402	337	
		334	342	
		308	31	
		370	0	Along the 5,600 foot contour line.
		334	18	
		224	45	
		218	76	
		269	349	
		321	351	
		284	292	
		381	304	
		299	315	
		321	351	
		321	9	
		448	45	
		354	27	
	89			A point on the 5,600 contour line approximately 260 feet east of the Kendall Sky-line Road, No. 64.
		269	349	
		334	342	
		583	355	
		338	39	
		597	45	
		402	23	
		381	34	
		284	22	
		422	0	
		426	353	
		354	333	
		472	333	Along a traverse east of the Kendall Sky-line Road, No. 64.
		583	5	
		264	90	
		435	76	
		334	18	
		451	21	
		426	353	
		602	345	
		354	333	
		373	315	
		487	319	
		321	279	
		454	306	
		381	326	
		475	0	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	90			A point in a small stream approximately 200 feet east of the Kendall Skyline Road, No. 64.
		538 426 520	11 30 66	Along a traverse in a small creek.
	91			A point in the creek approximately 330 feet west of section line dividing Sections 9 and 10, T. 5N., R. 39E.
		370 422	0 0	Along a traverse.
	92			A point 100 feet east of Squaw Spring and approximately 260 feet west of section line dividing Sections 9 and 10, T. 5N., R. 39E.
		402 354 373 354 308 426 334 373 264 454 451 498 264 158 264 354 381 412 236	337 297 352 333 329 353 342 352 323 306 339 328 270 270 270 297 304 320 333	Along a traverse along spur ridge and ridgetop.
	93			A point on ridgetop approximately 100 feet east of Kendall Skyline Road, No. 64.
		373 402 224 381 284 451	315 337 315 326 338 339	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
		236	333	
		435	346	
		426	7	
		317	0	
		384	344	
		308	59	
		528	37	
		308	59	
		402	23	
		426	7	
		478	6	
		501	18	
		634	0	
		373	352	
		475	0	
		373	352	
		384	344	
		544	331	A traverse along ridgetop and east of Kendall Skyline Road, No. 64.
		402	337	
		384	344	
		426	353	
		269	11	
		338	39	
		373	45	
		373	45	
		354	27	
		426	7	
		426	7	
		426	30	
		373	45	
		520	24	
		686	23	
		412	40	
		264	53	
		381	56	
		299	45	
		338	39	
		381	56	
		373	98	
		412	50	
		435	14	
		454	54	
		370	0	
		236	333	
		426	7	
		338	51	
		264	37	
		373	45	
		211	90	

QUAD SHEET NUMBER	ANGLE POINT	DISTANCE FEET	AZIMUTH DEGREES	DESCRIPTION
	94			A point on the 5,800 foot contour line approximately 500 feet east of the Kendall Skyline Road, No. 64.
		338	51	
		236	63	
		334	18	
		264	307	
		370	0	
		269	11	
		426	83	
		308	149	
		308	121	
		354	117	Along the 5,800 foot contour line east of Kendall Skyline Road, No. 64.
		370	90	
		426	60	
		264	37	
		190	56	
		334	72	
	95			A point on the 5,800 foot contour line approximately 200 feet east of the Kendall Skyline Road, No. 64.
		308	59	
		354	63	
		384	16	
		373	8	
		412	40	
		236	63	
		334	108	
		236	117	
		381	146	
		381	146	
		299	135	Along a traverse on the east side of the Kendall Skyline Road, No. 64.
		338	141	
		299	135	
		284	112	
		299	45	
		269	11	
		317	0	
		334	342	
		269	349	
		370	0	
	1			Point of beginning.