

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

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION

OF THE SUBDIVISIONAL LINES,

**TOWNSHIP 30 SOUTH, RANGE 4 WEST,**

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

**EXECUTED BY**

***Timothy J. Moore, Cadastral Surveyor***

***Robert H. Browning, Surveying Technician***

Under Special Instructions dated May 20, 1999, approved May 20, 1999,

which provided for the surveys included under Group No. 1907,

and assignment instructions dated June 29, 1999.

***Survey commenced July 1, 1999***

***Survey completed August 10, 1999***

**T. 30 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, township 30 south, range 4 west, Willamette Meridian, Oregon.</p> <p>The history of surveys pertaining to this resurvey, is as follows:</p> <p>The west boundary of the township was surveyed by James E. Freeman, U.S. Deputy Surveyor, in 1851.</p> <p>The north and east boundaries of the township, and a portion of the subdivisional lines were surveyed by Nathaniel Ford, U.S. Deputy Surveyor, in 1854.</p> <p>The north and east boundaries of the township, and a portion of the subdivisional lines were resurveyed, and a portion of the subdivisional lines were surveyed by William Thiel, U.S. Deputy Surveyor, in 1889.</p> <p>The east boundary and a portion of the subdivisional lines were resurveyed by William F. Briggs, U.S. Deputy Surveyor, in 1891.</p> <p>The remaining subdivisional lines were surveyed by William M. Bushey, U.S. Deputy Surveyor, in 1893.</p> <p>A portion of the subdivisional lines were resurveyed and section 23 subdivided by James E. Jelley, Cadastral Surveyor, in 1981-82.</p> <p>A portion of the subdivisional lines, and a portion of Donation Land Claim Nos. 41, 42, 43, and 44 were resurveyed, and sections 4, 5, 17, and 21, were subdivided by Bryan S. Seibold, Cadastral Surveyor, and Robert H. Browning, Surveying Technician, in 1993-95.</p> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 1973</u>, and the Special Instructions dated May 20, 1999, for Group No. 1907, Oregon.</p> <p>The directions of the lines are based on the true meridian as determined by direct solar observations and were carried forward by means of sustained angulation. All measurements along the lines were derived through the use of electronic measuring equipment. An analysis of the unadjusted field data assured a closure not exceeding 1:4000 in error. Measured distances and directions have been adjusted by Cadastral Measurement Management (CMM), computer software that incorporates a least squares</p>

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FEET

adjustment routine. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

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 monumented at proportionate positions based on the official record.

Each new bearing tree has a 2½ inch x ¼ inch magnetic nail (Mag Nail) driven at the base on right side-center, unless otherwise described in the corner description.

The retracement data were thoroughly verified and only the true line field notes are given herein.

The geographic position (NAD 1983 (91)) of the cor. of secs. 22, 23, 26, and 27, as determined by a direct tie, to U.S. Geological Survey triangulation station "BLAND MTN", is as follows:

Latitude: 42° 56' 25.80" N.      Longitude: 123° 09' 00.17" W.

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(Restoring the survey by Nathaniel Ford, in 1854,  
the resurvey by William Thiel, in 1889,  
and the survey by William F. Bushey, in 1893)

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Beginning at the cor. of secs. 26, 27, 34, and 35, perpetuated by John H. Markham, Jr., Registered Professional Engineer, No. 2880, in 1959, from original evidence no longer in existence, further perpetuated by R. B. Kimberling, Deputy County Surveyor, in 1977, recorded in the Douglas County Surveyors Office corner renewal file, T. 30 S., R. 4 W., No. 500200; monumented with an iron pipe, 1¼ ins. diam., firmly set, projecting 1 in. above ground (alongside of which is an iron rod, ½ in. diam., firmly set, projecting 1 in. above ground), with brass cap mkd.

DOUGLAS COUNTY SURVEYOR

T 30 S R 4 W

S 27 | S 26

S 34 | S 35

1977

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 30 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>from which bearing trees mkd. by Kimberling, in 1977</p> <p style="padding-left: 40px;">A maple, 17 ins. diam., bears N. 2½° E., 23.1 ft. dist., with a healed double blaze.</p> <p style="padding-left: 40px;">A maple, 27 ins. diam., bears S. 12½° E., 60.2 ft. dist., with a healed double blaze.</p> <p style="padding-left: 40px;">A fir, 16 ins. diam., bears N. 33½° W., 27.8 ft. dist., with a healed double blaze.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A fir, 7 ins. diam., bears S. 42½° W., 9.0 ft. dist., mkd. T30S R4W S34 BT.</p> <p>N. 0° 54' 06" W., bet. secs. 26 and 27.</p> <p>Descend over NE. slope, through second growth timber and dense undergrowth.</p>
130	Creek, 2 ft. wide, course S. 70° E.; asc. over SE. slope.
250	Graveled road, 20 lks. wide, bears N. 80° W. and S. 70° E.
1830	Ridge, bears N. 70° E. and S. 75° W.; desc. over NW. slope.
2624.43	<p>The 1/4 sec. cor. of secs. 26 and 27, perpetuated by John H. Markham, Jr., Registered Professional Engineer, No. 2880, in 1960, recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 4 W., No. 500240; monumented with the decayed remains of the original corner tree, a decayed fir stump, 19 ins. diam., no marks visible, (with an iron pipe, 1 in. diam., firmly set, projecting 18 ins. above ground, on NW. side of decayed stump), from which the remains of the original bearing trees:</p> <p style="padding-left: 40px;">A sawed and decayed fir stump, 38 ins. diam., bears N. 39½° E., 9.6 ft. dist., with no mks. visible. (Record , N. 47½° E.)</p> <p style="padding-left: 40px;">A sawed and decayed fir stump, 34 ins. diam., bears N. ½° W., 19.5 ft. dist., with no marks visible.</p> <p>and bearing trees mkd. By Markham</p> <p style="padding-left: 40px;">A fir, 25 ins. diam., bears S. 15¼° W., 19.9 ft. dist., with a healed blaze.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
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FEET	
	<p>A madrone, 19 ins. diam., bears S. <math>82\frac{3}{4}^{\circ}</math> W., 40.2 ft. dist., with no marks visible.</p> <p>At the corner point</p> <p>Set a finned aluminum rod, <math>\frac{3}{4}</math> in. diam., 36 ins. long, 30 ins. in the center of sawed, and decayed, corner tree, with 3 in. aluminum cap mkd.</p> <p style="text-align: center;">T 30 S R 4 W 1/4 S 27 S 26 1999</p> <p>from which a new bearing tree</p> <p>A fir, 13 ins. diam., bears S. <math>84^{\circ}</math> E., 27.6 ft. dist., mkd. 1/4 S26 BT.</p> <p>Corner is located in a ravine, drains N. <math>65^{\circ}</math> W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. <math>0^{\circ} 06' 38''</math> W., beginning a new measurement.</p> <p>Ascend over a W. slope, through second growth timber and dense undergrowth.</p>
250	Top of ascent, slopes N. $35^{\circ}$ W.; desc. over N. Slope.
1835	Spur, slopes N. $20^{\circ}$ W.; desc. over NE. slope.
2005	Graveled road, 20 ft. wide, bears N. $20^{\circ}$ W. and S. $35^{\circ}$ E.
2595	Graveled road, 20 ft. wide, bears N. $30^{\circ}$ E. and S. $30^{\circ}$ W.
2663.41	<p>The cor. of secs. 22, 23, 26, and 27, monumented with an iron post, <math>2\frac{1}{2}</math> ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T 30 S R 4 W S 22 S 23 S 27 S 26 1981</p> <p>from which the remains of bearing trees mkd. by Thiel</p> <p>A sawed and decayed fir stump, 27 ins. diam., bears N. <math>24^{\circ}</math> E., 17.2 ft. dist., with a healed blaze.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
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FEET	
	<p>A fir, 44 ins. diam., bears S. 79° W., 29.0 ft. dist., with a healed blaze.</p>
	<p>and the remains of bearing trees mkd. by John H. Markham, Jr., Registered Professional Engineer, No. 2880, in 1958, recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 4 W., No. 500300</p>
	<p>A sawed madrone stump, 16 ins. diam., bears N. 28° E., 8.6 ft. dist., with no marks visible.</p>
	<p>A roothole, bears N. 58° W., 4.3 ft. dist., with the rotted remains of fir alongside, size indeterminate.</p>
	<p>A decayed madrone stump, size indeterminate, bears N. 29° W., 38.3 ft. dist., with no marks visible.</p>
	<p>and remains of bearing trees mkd. by James W. Byron, Deputy County Surveyor, in 1963, recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 4 W., No. 500300</p>
	<p>A madrone, 10 ins. diam., bears S. 81¼° W., 21.0 ft. dist., with no marks visible. (Record, S. 83° W., 20.5 ft.)</p>
	<p>A madrone snag, 8 ins. diam., bears N. 20° W., 21.8 ft. dist., with no mks. visible.</p>
	<p>and bearing trees mkd. by Jelley</p>
	<p>A fir, 33 ins. diam., bears N. 52½° E., 145.9 ft. dist., with a healed blaze.</p>
	<p>A fir, 14 ins. diam., bears S. 50¼° E., 56.3 ft. dist., with a healed blaze. (Record, S. 51° E., 55.4 ft.)</p>
	<p>and a new bearing tree</p>
	<p>A cedar, 10 ins. diam., bears N. 2½° W., 11.7 ft. dist., mkd. T30S R4W S22 BT.</p>
	<p>Corner is located W., 23.0 ft. of a graveled road, 20 ft. wide, bears N. 30° E. and S. 30° W.</p>
	<p>From this point, U.S. Geological Survey triangulation station "BLAND MTN", bears N. 38° 24' 36" E., 13304.59 ft. dist., (mean bearing and sea level dist.); monumented with a bronze disk, cemented flush in solid rock, with top mkd. "BLAND MTN 1953" and a triangle.</p> <hr/>

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T. 30 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	From the cor. of secs 26, 27, 34, and 35.
	N. 89° 50' 25" W., bet. secs. 27 and 34.
	Ascend over broken NE. slope, through second growth timber and dense undergrowth.
140	Graveled road, 15 ft. wide, bears N. 50° W. and S. 45° E.
1825	Ridge, bears N. 14° E. and S. 10° W.; desc. over NW. slope.
2597.54	Point for the 1/4 sec. cor. of secs. 27 and 34, at proportionate dist., there is no remaining evidence of the original corner.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T 30 S R 4 W S 27 1/4 S 34 1999
	from which
	A fir, 22 ins. diam., bears N. 0¼° E., 20.1 ft. dist., mkd. 1/4 S27 BT.
	A fir, 12 ins. diam., bears S. 54° W., 17.9 ft. dist., mkd. 1/4 S34 BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Descend over NW. slope.
2850	Graveled road, 13 ft. wide, bears N. 8° E. and S. 23° W.
4110	Creek, 1 ft. wide, course S. 47° W.; asc. over SE. slope.
4510	Spur, slopes S. 22° W.; desc. over SW. slope.
5195.08	The cor. of secs. 27, 28, 33, and 34, perpetuated by John H. Markham, Jr., Registered Professional Engineer, No. 2880, in 1960, further perpetuated by James W. Byron, Deputy County Surveyor, in 1963, recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 4 W., No. 400200; monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.

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T. 30 S., R. 4 W., Willamette Meridian, Oregon**

FEET	COUNTY SURVEYORS OFFICE T 30 S S 28   S 27 R 4 S 33   S 34 W 1963
	<p>from which the remains of original bearing trees</p> <p>A decayed fir stump, 12 ins. diam., bears N. 38° E., 8.9 ft. dist., with no marks visible.</p> <p>A sawed fir stump, 27 ins. diam., bears S. 75½° E., 30.0 ft. dist., with a healed blaze.</p> <p>A sawed fir stump, 20 ins. diam., bears N. 23° W., 24.6 ft. dist., with scribe marks 8 BT visible on partially opened blaze. (Record, N. 26¼° W.)</p> <p>and the remains of a bearing tree mkd. by Markham</p> <p>A sawed fir stump, 56 ins. diam., bears S. 50½° W., 39.5 ft. dist., with no marks visible.</p> <p>and the bearing trees mkd. by Byron</p> <p>A madrone, 12 ins. diam., bears S. 26¼° E., 39.5 ft. dist., with a healed double blaze.</p> <p>A madrone, 18 ins. diam., bears N. 82¼° W., 29.5 ft. dist., with a healed double blaze.</p> <p>and a new bearing tree</p> <p>A fir, 5 ins. diam., bears S. 63° W., 22.9 ft. dist., mkd. X BT.</p> <p>No suitable accessories available in the NE. quadrant.</p> <hr/> <p>N. 0° 16' 38" W., bet. secs. 27 and 28.</p> <p>Ascend over broken SW. slope, through second growth timber and dense undergrowth.</p>
545	Spur, slopes S. 33° W.; desc. over NW. slope.
2155	Creek, 1 ft. wide, course W.; asc. over SW. slope.

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FEET	
2655	Graveled road, 18 ft. wide, bears N. 78° E. and S. 78° W.
2660.03	<p>The 1/4 sec. cor. of secs. 27 and 28, perpetuated by John H. Markham, Jr., Registered Professional Engineer, No. 2880, in 1960, from original evidence no longer in existence, further perpetuated by James W. Byron, Deputy County Surveyor, in 1963, recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 4 W., No. 400240, monumented with an iron rod 5/8 ins. diam., buried 8 ins. below the surface of a graveled road, from which bearing trees mkd. by Markham:</p> <p style="padding-left: 40px;">A sawed and decayed fir stump, 27 ins. diam., bears N. 23° E., 16.2 ft. dist., with no marks visible.</p> <p style="padding-left: 40px;">A madrone snag, 16 ins. diam., bears N. 28¼° W., 29.0 ft. dist., with a healed double blaze.</p> <p>At the corner point.</p> <p>Drive a 3 in. diam., aluminum cap onto the iron rod, buried 8 ins. below the surface of the road, with top mkd.</p> <p style="text-align: center;">T 30 S R 4 W 1/4 S 28 S 27 1999</p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears N. 29¾° E., 24.9 ft. dist., mkd. 1/4 S27 BT.</p> <p style="padding-left: 40px;">A fir, 7 ins. diam., bears N. 51½° W., 56.3 ft. dist., mkd. 1/4 S28 BT.</p> <p>Corner is located in a graveled road, 18 ft. wide, bears N. 78° E. and S. 78° W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 39' 36" W., beginning new measurement.</p> <p>Ascend over SW. slope, through second growth timber and dense undergrowth.</p>
160	Spur, slopes S. 87° W.; desc. over NW. slope.
430	Ravine, drains N. 75° W., asc. over SW. slope.
990	Spur, slopes N. 85° W.; desc. over NW. slope.

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FEET	
1650	Spur, slopes N. 61° W.; desc. over NW. slope.
2205	Graveled road, 15 ft. wide, bears N. 44° E. and S. 44° W.
2617.19	<p>The cor. of secs. 21, 22, 27, and 28, monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 30 S R 4 W</p> <p>S 21   S 22</p> <p>S 28   S 27</p> <p>1995</p> </div> <p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A madrone snag, 11 ins. diam., bears S. 49¾° E., 42.2 ft. dist., with fragmentary scribe mark S visible on partially healed blaze.</p> <p style="padding-left: 40px;">A cedar, 31 ins. diam., bears S. 75° W., 29.0 ft. dist., with fragmentary scribe marks visible on partially healed blaze.</p> <p>and a bearing tree mkd. by Arthur Boyer, Deputy County Surveyor, in 1937, recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 4 W., No. 400300</p> <p style="padding-left: 40px;">A cedar, 30 ins. diam., bears N. 5½° E., 22.1 ft. dist., with a healed blaze.</p> <p>and bearing trees mkd. by James W. Byron, Deputy County Surveyor, in 1963, recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 4 W., No. 400300</p> <p style="padding-left: 40px;">A fir, 20 ins. diam., bears S. 45¾° E., 39.6 ft. dist., with a healed double blaze.</p> <p style="padding-left: 40px;">A fir, 22 ins. diam., bears N. 8° W., 35.6 ft. dist., with a healed double blaze.</p> <p>Corner is located 2.5 ft. E. of a fence cor. with woven wire extending S. and W., and 2.5 ft. W. of a fence cor. with woven wire extending N. 5° E. and E.</p> <hr/>

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T. 30 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	From the cor. of secs. 22, 23, 26, and 27.
	N. 89° 07' 23" W., bet. secs. 22 and 27.
	Ascend over NE. slope, through second growth timber and dense undergrowth.
105	Dirt road, 8 ft. wide, bears N. 15° E. and S. 10° W.
140	Ridge, bears N. and S.; desc. over NW. slope.
395	Dirt road, 18 ft. wide, bears N. 25° W. and S. 40° E.
750	Ravine, drains N. 85° W., continue desc. over steep NW. slope.
1875	Creek, 1 ft. wide, course N.; asc. over Northerly Slope.
2611.20	The 1/4 sec. cor. of secs. 22 and 27, perpetuated by James W. Byron, Deputy County Surveyor, in 1963, recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 4 W., No. 440300, monumented with an iron pipe, 1¼ ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.
	COUNTY SURVEYORS OFFICE T 30 S S 22 R 1/4 4 S 27 W 1963
	from which the remains of the bearing trees, mkd. by Thiel.
	A fir snag, 21 ins. diam., bears N. 38° E., 10.6 ft. dist., with scribe marks 4 S22 CS BT visible on bark blaze. (This tree was remarked by Bryan.)
	A fir, 29 ins. diam., bears S. 19° W., 25.1 ft. dist., with scribe marks 1/4 visible on bark blaze.
	and a new bearing tree
	A fir, 6 ins. diam., bears N. 34° W., 26.3 ft. dist., mkd. 1/4 S22 BT.
	<hr/> Memorandum
	The original 1/4 sec. cor. of secs. 22 and 27 was established by Nathaniel Ford in 1854. Ford's plat returned section 22 as a normal section containing 640 acres, but did not return section

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FEET	
	<p>27. The north half, and north half of the south half of section 22 were patented based on the Ford plat. In 1889 William Thiel, resurveyed the boundaries of section 22 and returned 16 lots containing 616.10 acres. He did not return section 27. Thiel failed to recover the original 1/4 sec. cor. of secs. 22 and 27 and set a new corner at midpoint between the section corners. Lots 13-16 (south half of the south half) of sec. 22 were patented based on the Thiel plat. In 1893 William Bushey, completed the subdivision of the township and returned section 27.</p> <p>In 1941, Arthur Boyer, Deputy County Surveyor, recovered the original 1854 SW bearing tree, set a post at the corner point and marked a new bearing tree. In 1963, James W. Byron, Deputy County Surveyor, recovered an original Thiel bearing tree and the tree marked by Boyer at the original Ford corner. Byron reported that there was no remaining evidence of the original SW. bearing tree and remonumented the Thiel corner as the 1/4 sec. cor. of secs. 22 and 27.</p> <p>All of section 27 was returned based on the Thiel plat and lots 13-16 of section 22 were patented based on the Thiel plat, therefore the Thiel corner was accepted as the 1/4 sec. cor. of secs. 22 and 27, however the Ford corner point may control the portions of sec. 22 patented based on the Ford plat.</p> <hr/> <p>From the Thiel 1/4 sec. cor. of secs. 22 and 27, the original 1/4 sec. cor. of secs. 22 and 27, established by Nathaniel Ford, in 1854, bears N. 62° 27' 26" W., 69.14 ft. dist., determined from the remains of a bearing tree mkd. by Arthur Boyer, Deputy County Surveyor in 1941, recorded in the Douglas County Surveyors Office, corner renewal file, T. 30 S., R. 4 W., No. 440300.</p> <p style="padding-left: 40px;">A decayed and sawed fir stump, 20 ins. diam., bears N. 54½° E., 25.3 ft. dist., no marks visible.</p> <p>No permanent monument established.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 12' 04" W., beginning new measurement.</p> <p>Ascend over NE. slope.</p>
30	Spur, slopes N. 25° W.; desc. over W. slope.
300	Creek, 2 ft. wide, course N. 10° W.; asc. over SE. slope.
1120	Ridge, bears N. 10° W. and S. 10° E.; desc. over SW. slope.

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FEET	
1725	Three wire electric fence, bears N. 2° W. and S. 2° E.
1890	Ravine, drains N. 21° W., asc. over NE. slope.
2080	Spur, slopes N. 7° W.; desc. over W. Slope.
2485	Ravine, drains N. 30° W., asc. over NE. slope.
2579.78	The cor. of secs. 21, 22, 27, and 28.
<b>GENERAL DESCRIPTION</b>	
<p>The lands included in the foregoing resurvey are located in Douglas County near the community of Days Creek, Oregon. Access to the area is gained via Interstate 5, County Road Nos. 1, 34, 42, 92, and 94, with other graveled and dirt roads branching from them into the area.</p>	
<p>The elevation ranges from approximately 1000 feet above sea level near the corner of secs. 21, 22, 27, and 28, to about 2400 feet above sea level East of the 1/4 sec. cor. of secs. 34 and 27. The terrain is steep mountainous. The soil consists of rocky clay to a sandy loam in the bottoms.</p>	
<p>The area is drained by the South Umpqua River, Slimwater Creek, Stinger Creek, Shively Creek and other small and seasonal drainages.</p>	
<p>The timber consists of fir, cedar, hemlock, alder, maple, oak, chinquapin, pine, ash, yew and madrone. The undergrowth is mainly salal, Oregon grape, manzanita arrowwood, poison oak, vine maple, huckleberry and young timber.</p>	
<p>There were no mineral deposits noted along the lines surveyed.</p>	
<p>The mean magnetic declination, as shown on the United States Geological Survey 7½ minute quadrangle map "DAYS CREEK, OREG.", provisional edition, published in 1986, is 18½° East.</p>	