


Retracement and Resurvey of Subdivisional Lines, T. 26 S., R. 2 W.

CHAINS											
	<p>Timber, fir, hemlock, cedar and sugar pine</p> <p>Undergrowth, vine maple, rhododendron, hazel and fir</p>										
	<p>I return to the cor. of secs. 16 and 17, heretofore described</p> <p>Thence</p> <p>N.88°38'E. (calculated course) on S bdy. of sec. 16</p>										
21.60	<p>Left bank of North Umpqua River, course NW</p> <p>To obtain the distance across river, I set flag on left bank, point of triangulation. I regain line on right bank of river, from which point flag bears S.88°38'W.; then run base N.77°43'W., 9.64 chs. to a point from which flag bears S.21°11'W.; therefore, the distance across river is</p> <div style="display: flex; align-items: center; justify-content: center;"> <table style="margin-right: 20px;"> <tr> <td><math>\frac{\text{base} \times \sin. 98^{\circ}54'}{\sin. 67^{\circ}27'}</math></td> <td>or</td> </tr> <tr> <td>log. 9.64</td> <td>= 0.984077</td> </tr> <tr> <td>log. sin. 98°54'</td> <td>= <u>9.994739</u></td> </tr> <tr> <td>log. sin. 67°27'</td> <td>= <u>9.965458</u></td> </tr> <tr> <td></td> <td>1.013358</td> </tr> </table> <div style="text-align: center;">  <p style="font-size: small;">Diagram showing Umpqua River crossing. A line from the left bank (point of triangulation) bears S.88°38'W. to the right bank. A base line of 9.64 chs. is run N.77°43'W. to a point from which the flag bears S.21°11'W. The distance across the river is 10.31 chs.</p> </div> </div> <p>- log. 10.31 chs., which</p> <p>added to 21.60 chs. makes</p>	$\frac{\text{base} \times \sin. 98^{\circ}54'}{\sin. 67^{\circ}27'}$	or	log. 9.64	= 0.984077	log. sin. 98°54'	= <u>9.994739</u>	log. sin. 67°27'	= <u>9.965458</u>		1.013358
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31.91	Right bank of river										
39.26	(Calculated midpoint) Set temp. 1/4 sec. cor.										
78.52	Intersect N and S line, at the cor. of secs. 15, 16, 21 and 22, heretofore described										
	<p>Thence</p> <p>S.88°38'W., on a true line, along S bdy. of sec. 16</p> <p>Along gentle S slope, through heavy timber and dense undergrowth</p>										
5.50	Begin descent of SW slope										
8.40	Head of ravine, course SW										
15.00	North Umpqua trail, bears NW and SE										
17.40	Old trail, bears NW and SE; thence along gentle S slope										
22.25	Shallow ravine, course SE; ascend rocky SE slope										