

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

62.50^{CHAINS} Leave swamp and ascend gradually over SE slope

78.52 The cor. of secs. 15, 16, 21 and 22

The original McQuinn cor. of secs. 15, 16, 21 and 22, identified by Gibb and re-established by me in 1916 as cor. of secs. 15 and 16, bears S.56°17'E., 50.56 chs. dist. I destroy marks on iron post and new bearing tree.

Also the cor. established by Deputy Gibb as the closing cor. of secs. 21 and 22, on S bdy. of sec. 16 bears S.16°16'E., 27.48 chs. dist.

I destroy the corresponding cor. established by me in 1916; also marks on bearing trees.

Land, mountainous

Soil, clay loam, 2nd and 3rd rate

Timber, fir, sugar pine and cedar

Undergrowth, vine maple, salal, hazel and laurel

South, bet. secs. 21 and 22

Descend S slope, through heavy timber and dense undergrowth.

6.85 Foot of descent; over level land

11.80 Old trail, bears E and W

12.65 North Umpqua trail, bears NW and SE

15.60 Right bank of North Umpqua River, course NW; point for triangulation.

To determine the distance across, I set a flag on line on left bank; then measure a base, S.58°02'E., 3.70 chs. to a point, from which the flag bears S.43°45'W; therefore the distance is

$$\frac{\text{base} \times \sin. 78^{\circ}13'}{\sin. 43^{\circ}45'}$$

log. 3.70 = 0.568202

log. sin. 78°13' = $\frac{9.990750}{0.558952}$

log. sin. 43°45' = $\frac{9.839800}{0.719152}$

- log. 5.24, which added to 15.60 makes

