

Survey No. 916

CHAINS	<p>This survey was made with a Berger transit No. 31424, with horizontal limb 4.5 ins. diam., having two double opposite verniers and full vertical circle 4 ins. diam., having one double vernier; the verniers read to one minute of arc; the eyepiece is equipped with a colored shade set in the dust shutter for making direct observations upon the sun. The instrument was in good condition at the time of survey and all adjustments were in good order.</p> <p>Nov. 18, 1952, at Cor. No. 1 of the Cloudy Day lode, in latitude 42°45' N., and longitude 123°11' W., I make a series of ten altitude observations upon the sun for azimuth, the details of which observation are shown in the calculation sheets herewith submitted for examination. All azimuths in this record are referred to the true meridian thus determined by the method of deflection angles and calculated courses.</p> <p>The lines were measured with a Chicago steel tape 301 ft. in length, graduated every foot throughout with the extra foot on the front end, and the last foot graduated to tenths and hundredths; the tape was compared with a new Lufkin standard tape at the time of beginning the survey, and found correct.</p> <p>All lines and connections of this survey were run by direct methods where the lines were accessible; the inaccessible lines were run by traverse methods, as shown in the calculation sheets herewith submitted.</p>
Feet	<p>CLOUDY DAY LODGE</p>
	<p>At Cor. No. 1 of the Cloudy Day lode.</p> <p>Set a galvanized iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with brass cap mkd. CD-1-916; from which</p> <p style="padding-left: 40px;">A fir, 36 ins. diam., bears S. 35°00' W., 14.0 ft. dist., mkd. CD-1-916 BT.</p> <p style="padding-left: 40px;">A fir, 16 ins. diam., bears N. 83°00' E., 13.8 ft. dist., mkd. CD-1-916 BT.</p> <p>Cor. No. 3 Sur. No. 5 Green Mountain Quartz Mine lode, approved July 8, 1887, bears S. 50°13' E., 286.88 ft. dist.</p> <p>The $\frac{1}{4}$ sec. cor. of secs. 32 and 33, T. 32 S., R. 4 W., Willamette Meridian, Oregon, bears S. 58°04'30" W., 2404.64 ft. dist.; a fir stake, 3 ins. diam., 18 ins. above ground, surrounded by a mound of stone, witnessed as described in the records of the County Surveyor's Office of Douglas County, Oregon, as follows:</p> <p style="padding-left: 40px;">A fir, 30 ins. diam., bears N. 43°05' E., 16.5 ft. dist.</p> <p style="padding-left: 40px;">A fir, 30 ins. diam., bears S. 89°45' W., 31.7 ft. dist.</p> <p>The magnetic declination at this corner is 22°45' E.</p> <p style="padding-left: 40px;">Thence N., 18°06' E.</p>
858.00	Center of Hogum Creek, 10 ft. wide, course N. 85° W.
1,480.30	<p>Cor. No. 2.</p> <p>Set a galvanized iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd. CD-2-916; from which</p> <p style="padding-left: 40px;">A madrona, 6 ins. diam., bears S. 20°00' W., 12.0 ft. dist., mkd. CD-2-916 BT.</p> <p style="padding-left: 40px;">A madrona, 12 ins. diam., bears S. 67°30' W., 13.9 ft. dist., mkd. CD-2-916 BT.</p> <p style="padding-left: 40px;">A corner of the location bears N. 18°06' E., 189.70 ft. dist.</p>