

16229

T. 23 S., R. 9 W., Willamette Meridian, Oregon

CHAINS

The area is mountainous and lies mainly on the divide between Soup Creek and Lake Creek. The area is well watered with numerous tributaries draining into Soup Creek to the north, and Lake Creek to the south. Lake Creek is the main tributary and drains westerly, in the area of the survey, and eventually drains in a northerly direction. Soup Creek drains westerly into Lake Creek, with the confluence being in the Ash Valley area. Lake Creek then drains northerly into Loon Lake, and eventually to the Umpqua River. The elevations range from about 475 feet above sea level near the $\frac{1}{4}$ section corner of sections 19 and 20, to about 2,200 feet above sea level near the corner of sections 27, 28, 33, and 34.

The soil in the area is composed of a rocky clay and is suited primarily for the growing of timber, with timber harvesting being the chief activity of the area. Timber consists of fir, hemlock, cedar, alder, maple, chinquapin, and yew. The undergrowth consists mainly of hazel, rhododendron, willow, huckleberry, salmonberry, blackberry, salal, Oregon grape, and fern.

The only dwellings in the area surveyed are along Soup Creek in section 20, and in section 30 near the corner of sections 19, 24, 25, and 30, on the west boundary of the township.

There was no evidence of minerals noted in the area.

The average of a considerable number of readings throughout the area gives a mean magnetic declination of $19^{\circ} 53'$ E. There is a range of $0^{\circ} 30'$ due to local attraction.