

## Survey of Tract Boundaries, T. 24 S., R. 2 W.

CHAINS  
72.21

The NW. cor. of Tract No. 40, on the line bet. secs. 35 and 36.

## General Description

The land in the south tier of sections of township 24 south, range 2 west, is mountainous, the elevation ranging from about 1,400 feet to 4,100 feet above mean sea level. The soil is of disintegrated lava formation, mixed with clay, generally rocky, with frequent outcrops and bluffs. Where not logged the land maintains a heavy stand of Douglas fir, hemlock, cedar, madrone, and yew. Maple, chinquapin, and dogwood are scattering over the area. The commonly dense undergrowth consists of vine maple, salal, huckleberry, Oregon grape, and rhododendron. Poison oak and manzanita appear in occasional patches.

Except for portions of sections 31 and 32, which drain northerly to Calapooya Creek, the whole area is drained by Rock Creek and its tributaries. Rock Creek, an important tributary of the North Umpqua River, from 50 links to nearly two chains wide, crosses the easternmost part of section 35, course southerly.

A network of graded and graveled logging roads has been extended into sections 31 and 32, which are mostly logged. A graded and graveled logging road from Rock Creek extends through the southwestern part of section 35 and passes northerly through the easternmost part of section 34. Several trails exist, one along Rock Creek in section 35, another along the dividing ridge in section 32, but most have been little used recently and are gradually being replaced by roads.

There are no settlers in the resurveyed area. No indication of mineral was noted.

The average of numerous readings over all parts of the area gives a value of  $21^{\circ} 38'$  E. for the mean magnetic variation. The range is extreme, and consecutive readings rarely agree. The magnetic compass is useless in the area except for rough orientation.