

GENERAL DESCRIPTION, T. 24 S., R. 3 W.

CHAINS

The area resurveyed in T. 24 S., R. 3 W. consists principally of mountainous land with a general elevation of about 1,500 ft. above sea level. The lowest elevation, about 710 ft. above sea level, is located at the place where Calapooya Creek crosses the west boundary of sec. 31. There is a small amount of fertile bottom land along Calapooya Creek. The highest elevation is about 2,700 ft. above sea level and is found at the northwest corner of the township which is located on the southern slope of Harness Mountain. For the most part the soil is very good and well adapted to timber culture. A heavy stand of fir, hemlock, cedar, maple, alder, yew, madrona, chinquapin and dogwood is found over most of this area. There is a dense undergrowth of vinemaple, salmonberry, salal, bracken, willow, arrowwood, hazel, slickleaf, thimbleberry, manzanita, huckleberry and poison oak.

Calapooya Creek, about 50 lks. wide, and its branches drain most of this area. Oldham Creek, about 15 lks. wide, and its branches drain the western portion of secs. 6, 7, 18 and 19. All of these streams are extremely turbulent and cold.

There is a logging camp in sec. 21. A logging railroad extends from this camp to Sutherlin, Oregon. This railroad is built mainly on a water grade and closely follows Calapooya Creek. There is a telephone line along this railroad. A graded and graveled county road which closely follows Calapooya Creek extends from the logging camp in sec. 21 to Sutherlin, Oregon. This logging camp is also the terminus of a power line. A graded and graveled private logging road extends through portions of secs. 5, 8, 9, 16 and 21. There are a few poor dirt logging roads in other portions of this area. A part of the old road to Bohemia Mines crosses sec. 16. The almost disused Harness Mountain Trail has its beginning in sec. 20 and follows close to the top of the high ridge extending through secs. 6, 7, 8 and 17.

There are numerous settlers in this area who raise gardens and small patches of berries without much irrigation. The land is capable of producing much more if irrigation is provided. Logging is the chief occupation.

No indication of mineral was noted during this resurvey.

The average of 147 readings over all parts of this area gives a value of 20°21' E. for the mean magnetic declination. The magnetic compass is found useless here except for approximate orientation.