

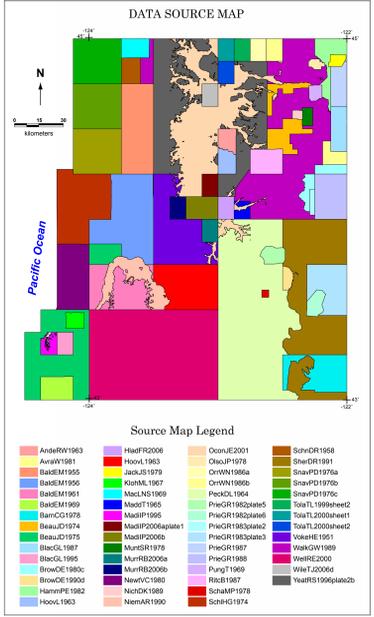


INTRODUCTION

This map depicts the results of a U.S. Geological Survey STATEMAP-funded project to complete the fifth of six planned phases of digital compilation of the best available geology for the entire state of Oregon. The most current version of the database is available for purchase on CD-ROM through the Nature of the Northwest.



The compilation consists of a spatial database of GIS files depicting the surface geology of the area. The data were derived from 88 source maps (see index map) and include 1972 unique units defined by various source map authors. To help make sense of this large number of units, we have assigned each original, unique unit to one of 327 geologic merge units on the basis of age, lithology, and stratigraphy.



MAP UNITS

- Quaternary Surficial Deposits
Quaternary Sedimentary Rocks (Miocene-Quaternary)
Volcanic Rocks of the Cascade Range (Eocene-Quaternary)
Marine Sedimentary Rocks (Cretaceous-Miocene)
Miscellaneous Igneous Rocks (Jurassic-Miocene)
Exotic Terranes (Jurassic-Eocene)

MAP SYMBOLS

- Interstate Highways
State Highways
County Borders
Water

SOURCE MAP REFERENCES

Anderson, R. W., 1965. Geology of the northeast quarter of the Beavertail quadrangle, Marion County, Oregon. Oregon Department of Geology and Mineral Industries, Open File Report O-65-01, 12 p.

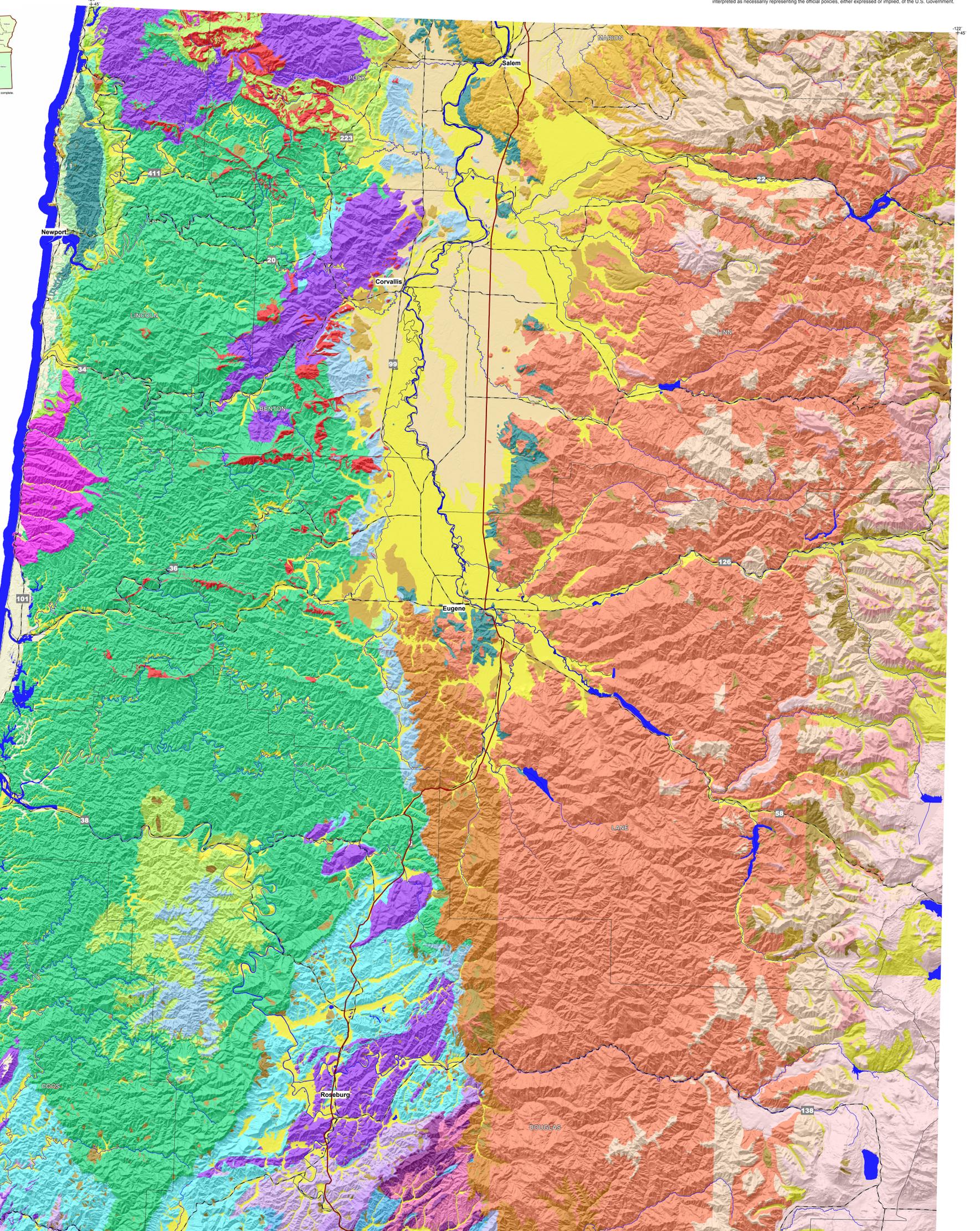
Harwood, F. E., Gray, K. M., and Anderson, J. L., 1962. Preliminary geologic map and cross-section of the upper Clatskanie and North Fork Clatskanie rivers, western Oregon. Oregon Department of Geology and Mineral Industries, Open File Report O-62-01, 12 p.

Morris, R. H., and Madin, I. P., 2008. Preliminary geologic map of the Veneta 2.5' quadrangle, Lane County, Oregon. Oregon Department of Geology and Mineral Industries, Open File Report O-08-01, 12 p.

Steady, F. D., McLeod, N. S., Wagner, H. C., and Rea, W. W., 1976. Geologic map of the Yreka and Trinity quadrangles, Lincoln County, Oregon. Miscellaneous Investigations Series Map 1-76-1. U.S. Geological Survey, scale 1:62,500.

Wells, R. E., and Madin, I. P., 2008. Geologic map of the Salem 2.5' quadrangle, Marion County, Oregon. Oregon Department of Geology and Mineral Industries, Open File Report O-08-01, 12 p.

Wells, R. E., Madin, I. P., Nason, A. R., and Priest, G. R., 2008. Geologic map of the Eugene 2.5' quadrangle, Lane County, Oregon. Oregon Department of Geology and Mineral Industries, Open File Report O-08-01, 12 p.



Base map is hillshade derived from U.S. Geological Survey 30-m DEM Projection is Oregon Lambert 1997, International Feet

Scale 1:175,000

