

OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

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The mission of the Oregon Department of Geology and Mineral Industries is to provide earth science information and regulation to make Oregon safe and prosperous.

NEWS RELEASE: December 23, 2009

Four new geologic maps of the southern Willamette Valley released

Portland, Oregon: The Oregon Department of Geology and Mineral Industries (DOGAMI) has released **four geologic maps for portions of the southern Willamette Valley. They include:**

Open-File Report O-09-04, Preliminary Geologic Map of the Brownsville 7.5' Quadrangle, Linn County, Oregon, by Mark L. Ferns and Jason D. McClaughry, Oregon Department of Geology and Mineral Industries.

The Brownsville quadrangle is located on the western edge of the Western Cascades physiographic province near the southern end of Oregon's Willamette Valley. The quadrangle lies in a maturely dissected, low mountainous terrain. The quadrangle is drained by the through flowing Calapooia River, a major tributary of the Willamette River. Minor tributaries include Cochran Creek, Butte Creek, Oak Creek, and Warren Creek;

Open-File Report O-09-05, Preliminary geologic map of the 7.5' Lewisburg Quadrangle, Benton, Linn, Polk, and Marion counties, Oregon, by Thomas J. Wiley, Oregon Department of Geology and Mineral Industries.

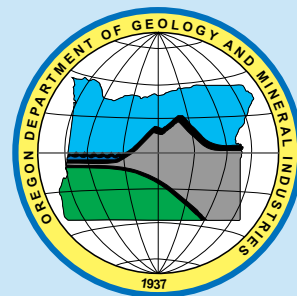
The Lewisburg quadrangle is located in the Willamette Valley of western Oregon and consists principally of a gently rolling plateau cut by the Willamette and Luckiamute Rivers, Soap Creek, Bowers Slough and their tributaries. The easternmost ridge of the Coast Range extends into the western part of the quadrangle. Land use in the area is a mix of residential, rural-residential, and agricultural-silvicultural lands. Northwest of Albany, the area is developing rapidly;

Open-File Report O-09-10, Preliminary Geologic Map of the Waterloo 7.5' Quadrangle, Linn County, Oregon, by Mark L. Ferns and Jason D. McClaughry, Oregon Department of Geology and Mineral Industries.

The Waterloo quadrangle is located on the western edge of the Western Cascades physiographic province near the southern end of Oregon's Willamette

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Valley. The quadrangle lies in a maturely dissected and densely forested low mountainous terrain to lower elevations along the South Santiam River west of Waterloo. The quadrangle is drained by the through flowing South Santiam River, a major tributary of the Willamette River, which emanates from Foster Lake in the adjacent Sweet Home quadrangle on the east, and;

Open-File Report O-09-11, Preliminary Geologic Map of the Sweet Home 7.5' Quadrangle, Linn County, Oregon, by Jason D. McClaughry, Oregon Department of Geology and Mineral Industries.

The Sweet Home quadrangle is situated along the western edge of the Western Cascades physiographic province near the southern end of Oregon's Willamette Valley. The quadrangle lies in a maturely dissected and densely forested low mountainous terrain to lower elevations along the South Santiam River west of Sweet Home. The quadrangle is drained by the main stem and tributaries of the South Santiam River, a major tributary of the Willamette River, which emanates from Foster Lake reservoir in the east central part of the quadrangle. Tributaries of the South Santiam River within the quadrangle include Ames and Wiley creeks on the south and McDowell, Morgan, and Hamilton creeks on the north.

These geologic maps were funded in part by the USGS National Cooperative Geologic Mapping Program through the STATEMAP program. Additional funding came from the State of Oregon.

All Open File Reports (O-04-09-Brownsville, O-05-09-Lewisburg, O-10-09-Waterloo, and O-11-09-Sweet Home) are available on CD-ROM for \$15. A printed copy of each map is available for \$25. They can be purchased from the Nature of the Northwest Information Center (NNW), 800 NE Oregon Street, Suite 965, Portland, Oregon, 97232. You may also call NNW at (971) 673-2331 or order online at <http://www.naturenw.org>. There is a \$4 shipping and handling charge for all mailed items.

Learn more about Oregon's geology by going online at:
<http://www.oregongeology.org>

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