

# OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Vicki S. McConnell, State Geologist

NEWS RELEASE: October 3, 2007

## New Geologic Maps for Jackson, Klamath and Crook Counties Released

**Portland, Oregon:** The Oregon Department of Geology & Mineral Industries (DOGAMI) has released 4 new geologic maps.

**OFR O-07-09, Preliminary Geologic Map of the Brown Mountain 7.5' Quadrangle, Jackson and Klamath Counties, Oregon,** by Stanley A. Mertzman and others.

The Brown Mountain Quadrangle is located near Klamath Falls, directly on the north - south oriented axis of High Cascade volcanoes that stretch from British Columbia, Canada to Mount Lassen in northern California.

Grants from the W. M. Keck Foundation supported fieldwork in the Brown Mountain quadrangle in 1991 and 1994. Funding from the National Science Foundation and Franklin and Marshall College supported the operation of the XRF laboratory in the Earth and Environment Department at Franklin and Marshall College.

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**OFR O-07-10, Preliminary Geologic Map of the Eagle Rock 7.5' Quadrangle, Crook County, Oregon,** by J.D. McClaughry and M.L. Ferns, Oregon Department of Geology & Mineral Industries.

**OFR O-07-11, Preliminary Geologic Map of the Hensley Butte and Salt Butte 7.5' Quadrangles, Crook County, Oregon,** by M.L. Ferns and J.D. McClaughry, Oregon Department of Geology & Mineral Industries.

**OFR O-07-12, Preliminary Geologic Map of the Stearns Butte 7.5' Quadrangle, Crook County, Oregon,** by J.D. McClaughry and M.L. Ferns, Oregon Department of Geology & Mineral Industries.

The Eagle Rock and Stearns Butte quadrangles are located on the southern margin of the Lower Crooked River basin, near the junction of the High Cascades, High Lava Plains, and Blue Mountains geomorphic provinces. The Hensley Butte and Salt Butte quads are located along the northern margin of the Lower

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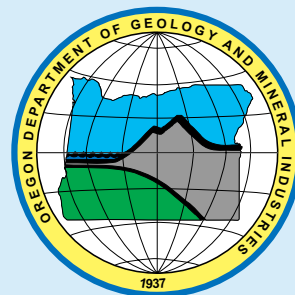
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Crooked River basin in the Blue Mountains geomorphic province. All 4 quadrangles are near the city of Prineville.

These 3 geologic maps were funded in part by the U.S. Geological Survey National Cooperative Geologic Mapping Program. The maps and geologic data will be incorporated into the [\*\*\*Oregon Geologic Data Compilation\*\*\*](#) in the future.

The new geologic maps are available on CD-ROM for \$10 each. They can be purchased from the Nature of the Northwest Information Center (NNW), 800 NE Oregon Street, Suite 177, Portland, Oregon, 97232. You may also call NNW at (503) 872-2750 or order online at <http://www.naturenw.org>. There is a \$4 shipping and handling charge for all mailed items. For additional information, please contact the Nature of the Northwest Information Center. Additionally, these items as well as all department maps and publications can be purchased at DOGAMI Field Offices including 5375 Monument Drive, Grants Pass, (541) 476-2496 and 1510 Campbell Street, Baker City, (541) 523-3133.

The Oregon Department of Geology and Mineral Industries is an independent agency of the State, and has a broad responsibility in developing a geologic understanding of natural hazards. We then make this information available to communities and individuals to help reduce the risks from earthquakes, tsunamis, landslides, floods and volcanic eruptions. We assist in the formulation of state policy where an understanding of geologic materials, geologic resources, processes, and hazards are key to decision-making. The Department is also the lead state regulatory agency for mining, oil, gas and geothermal exploration, production and reclamation.

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

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