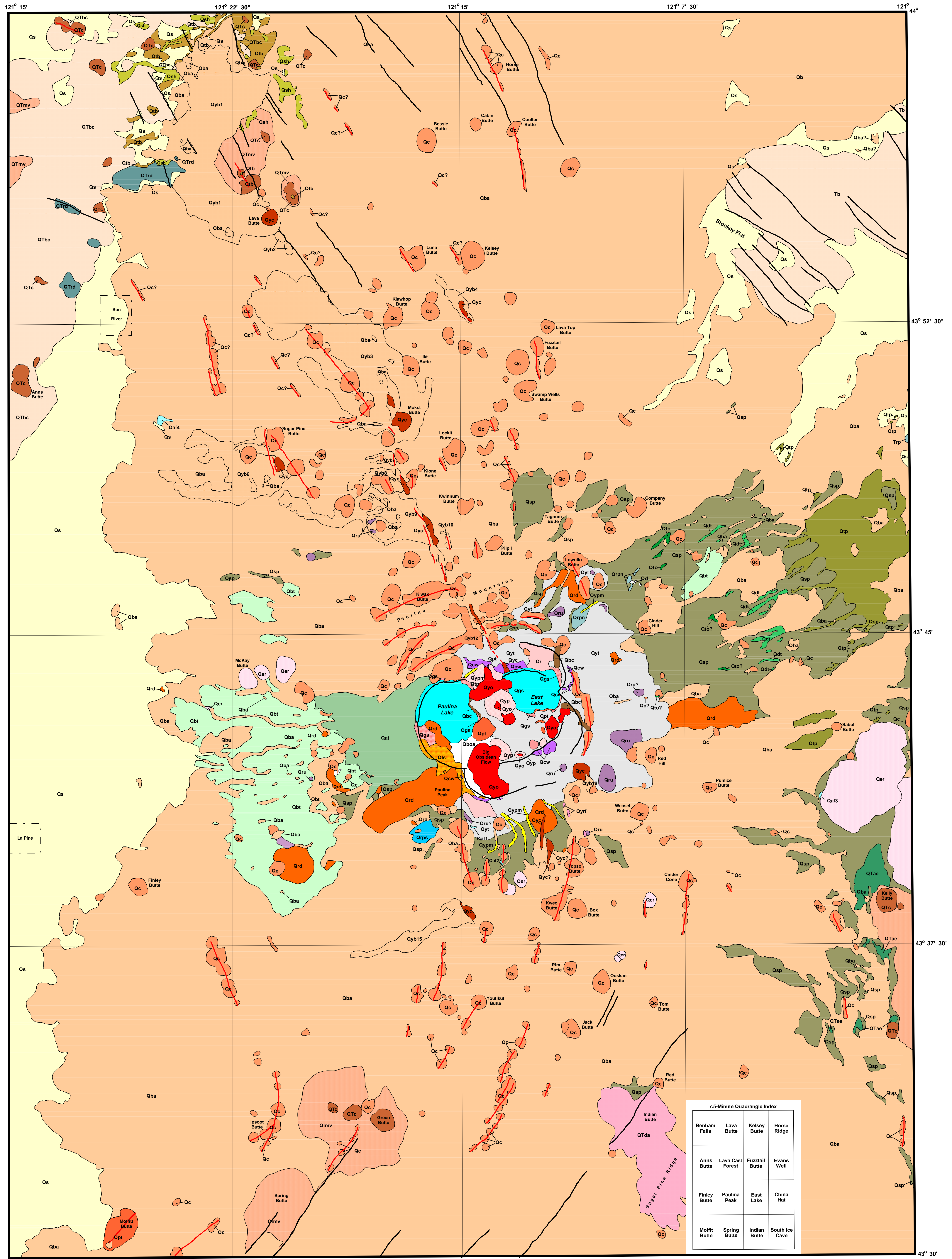


Digital Geologic Map of Newberry Volcano, Oregon (after MacLeod and others, 1995)

Steve Taylor, Denise Giles, and Jeff Templeton
Earth and Physical Science Dept., Western Oregon University



7.5-Minute Quadrangle Index

| | | | |
|---------------|------------------|----------------|----------------|
| Benham Falls | Lava Butte | Kelsey Butte | Horse Ridge |
| Ann's Butte | Lava Cast Forest | Fuzztall Butte | Evans Well |
| Finley Butte | Paulina Peak | East Lake | China Hat |
| Moffitt Butte | Spring Butte | Indian Butte | South Ice Cave |

| | | | | |
|--|---|---|--|--|
| <p>CHIEFLY SEDIMENTARY ROCKS AND DEPOSITS</p> <ul style="list-style-type: none"> Qs Sedimentary deposits (Holocene and Pleistocene) Qym Young pumiceous mudflow deposits (Holocene) Qsp Gravel and sand of the caldera (Holocene and Pleistocene) Qs Landslide deposits (Holocene and Pleistocene?) Qsp Sedimentary and pyroclastic deposits (Pleistocene) | <ul style="list-style-type: none"> Qd Rhyodacite domes and flows (Pleistocene) Qd Dacite domes and flows (Pleistocene) Qd Rhyolite, rhyodacite, and dacite lava flows and domes, undivided (Pleistocene) Qd Rocks of the caldera walls (Pleistocene) Qd Rhyodacite pumice deposit of the southwest flank (Pleistocene) Qd Rhyodacite pumice deposit of the northeast flank (Pleistocene) Qd Tuff southeast of Paulina Peak Qd Lithic-rich pumiceous ash-flow tuff Qd Tuff west of China Hat Qd Tuff along gas pipeline Qd Ash-flow tuff of the lower east flank (Pleistocene or Pliocene) Qd Andesitic tuff (Pleistocene) Qd Basaltic andesite lapilli tuff (Pleistocene) Qd Tuff of Orphan Butte (Pleistocene) | <ul style="list-style-type: none"> Qd Dacitic tuff (Pleistocene) Qd Tuff of Teepee Draw (Pleistocene) Qd Shevlin Park Tuff of Taylor (1981) (Pleistocene) Qd Tumalo Tuff and Bend Pumice of Taylor (1981) (Pleistocene) Qd Rhyolite to dacitic domes and flows near Deschutes River (Pleistocene or Pliocene) Qd Early rhyolite domes and flows (Pleistocene) Qd Dacite of Amata Butte (Pleistocene or Pliocene) Qd Rhyolite of Pine Mountain (Miocene or Oligocene) Qd Young basaltic andesite (Lava Butte Flow, Holocene) Qd Young basaltic andesite (Gas-Line Flows, Holocene) Qd Young basaltic andesite (Mokst Butte Flows, Holocene) Qd Young basaltic andesite (Flow on middle north flank, Holocene) Qd Young basaltic andesite (Flow on west side of Sugarpine Butte, Holocene) Qd Young basaltic andesite (Flow south of Sugarpine Butte, Holocene) | <ul style="list-style-type: none"> Qd Young basaltic andesite (Forest Road Flow, Holocene) Qd Young basaltic andesite (Lava Cast Forest Flow, Holocene) Qd Young basaltic andesite (Lava Cascade Flow, Holocene) Qd Young basaltic andesite (Flow east of Lava Cascade Flow, Holocene) Qd Young basaltic andesite (Flow on upper north flank, Holocene) Qd Young basaltic andesite (North Summit Flow, Holocene) Qd Young basaltic andesite (The Dome Flow, Holocene) Qd Young basaltic andesite (Devils Horn Flow, Holocene) Qd Young basaltic andesite (Surveyor Flow, Holocene) Qd Young basaltic andesite (Flow on west side of Sugarpine Butte, Holocene) Qd Young basaltic andesite (Flow south of Sugarpine Butte, Holocene) | <ul style="list-style-type: none"> Qd Basaltic andesite and basalt flows of the Cascades (Pleistocene and Pliocene?) Qd Mafic vent complexes (Pleistocene and Pliocene?) Qd Cinder cone deposits (Pleistocene and Pliocene?) Qd Basalt (Pliocene and Miocene) Contact Subsurface dike-filled fissure (showing trace) Fault (ball and bar on downthrown side, dashed where inferred) Caldera ring fault |
|--|---|---|--|--|

SCALE 1:62,500

Map digitized from MacLeod and others, 1995, USGS Miscellaneous Investigations Series Map I-2455. Original compiled from the following USGS 1:250,000 quadrangle maps: Ann's Butte, Benham Falls, Finley Butte, Lava Cast Forest, Lava Butte, Moffitt Butte, Paulina Peak, Spring Butte, Evans Well, Fuzztall Butte, Horse Ridge, and Kelsey Butte, China Hat, East Lake, Indian Butte, and South Ice Cave.

Digitized from calibrated coordinates in UTM Zone 10N, 1927 NAD, meters (Lambert Conformal Conic projection).