STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Preliminary Geologic Map of the Lake of the Woods North 7.5′ Quadrangle, Klamath County, Oregon

2011

LAKE OF THE WOODS NORTH QUADRANGLE
OREGON—KLAMATH CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN-FILE REPORT O-11-03

Preliminary Geologic Map of the Lake of the Woods North 7.5′ Quadrangle, Klamath County, Oregon

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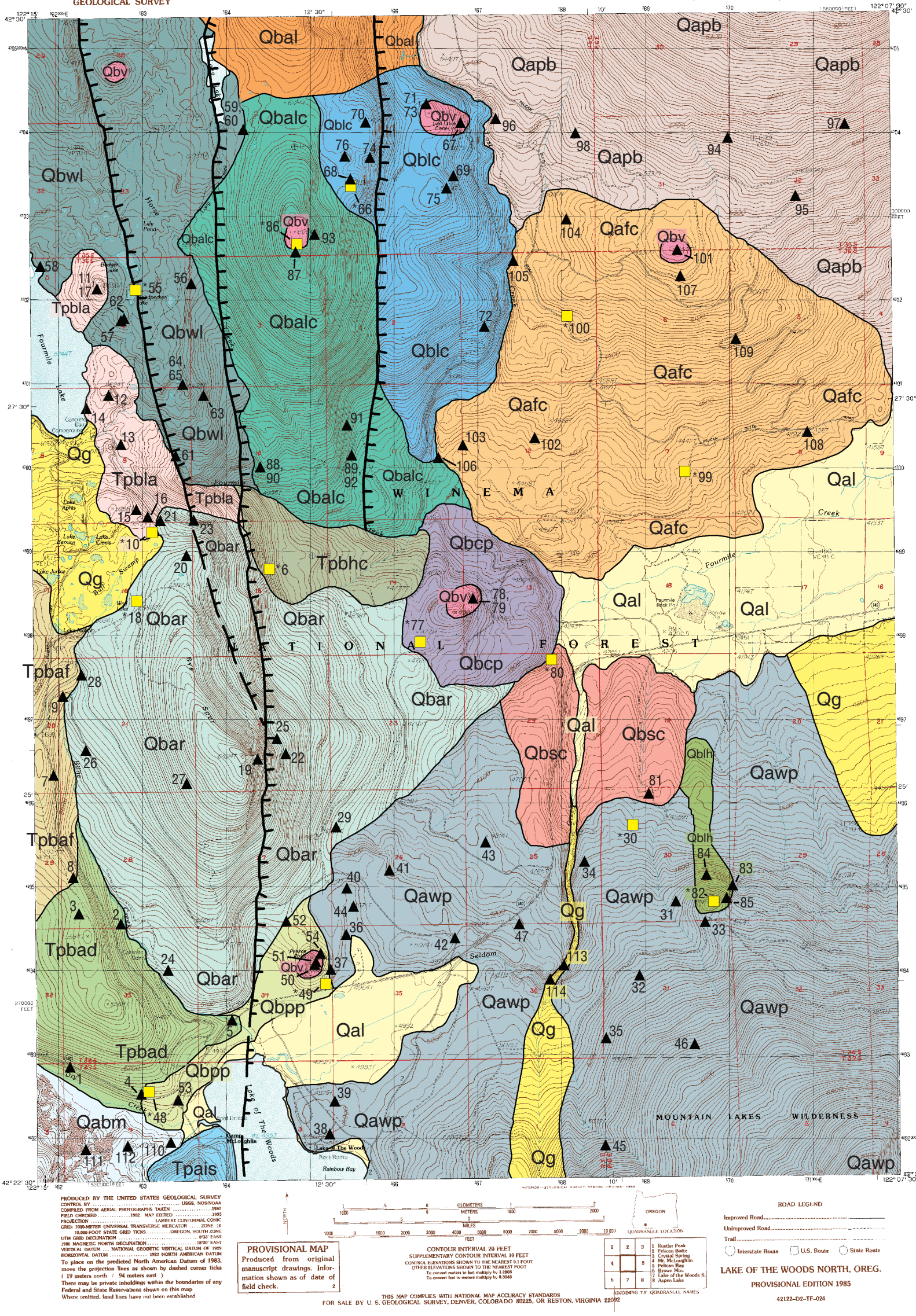
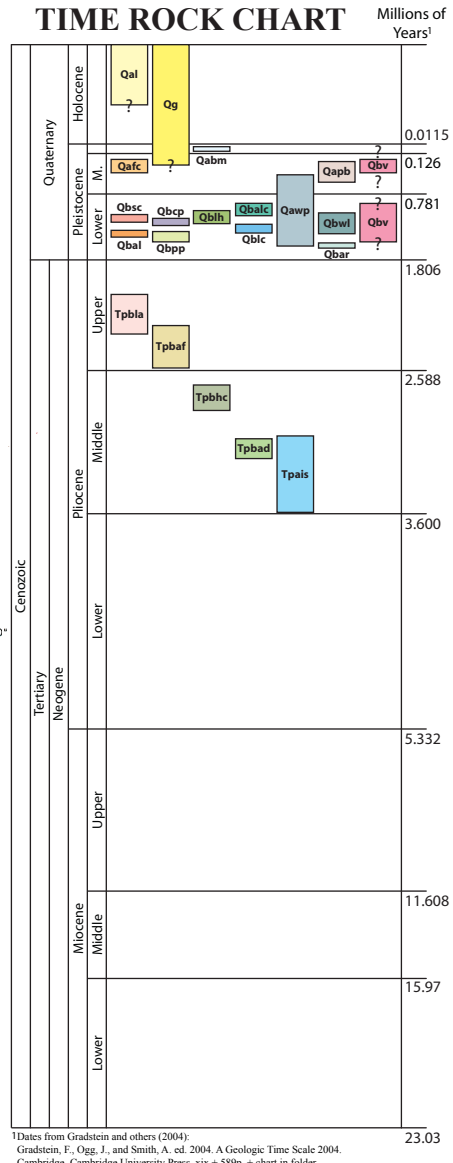


TIME ROCK CHART

Millions of Years[1]



[1]Dates from Gradstein and others (2004):
Gradstein, F., Ogg, J., and Smith, A. ed. 2004. A Geologic Time Scale 2004. Cambridge, Cambridge University Press, xix + 589p. + chart in folder.

MAP UNITS

(A full description of the geologic units is found in the accompanying text.)

Surficial Units

- **Qal** Alluvium (Holocene)
- **Qg** Undifferentiated colluvium and alluvium (Pleist. to Holocene)

Volcanic Units

- **Qbv** Basaltic/basaltic andesite/ andesite vent deposits (Pleist.)
- **Qabm** Andesite of Brown Mountain (Upper Pleistocene)
- **Qafc** Andesite of Fourmile Creek (Middle Pleistocene)
- **Qapb** Andesite of Pelican Butte (Middle Pleistocene)
- **Qawp** Andesite of Whiteface Peak (Lower to Middle Pleistocene)
- **Qbalc** Bas. And. of Long Creek Peak (Hill 6588) (Lower Pleistocene)
- **Qbwl** Basalt of Woodpecker Lake (Lower Pleistocene)
- **Qblh** Basalt of Lone Hill (Lower Pleistocene)
- **Qbsc** Basalt of Seldom Creek (Lower Pleistocene)
- **Qbcp** Basalt of Chaffee Point (Lower Pleistocene)
- **Qblc** Basalt of Lost Creek (Lower Pleistocene)
- **Qbal** Basaltic Andesite of Lost Peak (Lower Pleistocene)
- **Qbpp** Basalt of Pearce Point (Lower Pleistocene)
- **Qbar** Basaltic Andesite of Rye Spur (Lower Pleistocene)
- **Tpbla** Basalt of Lake Aphis (Upper Pliocene)
- **Tpbaf** Basaltic Andesite of Freye Lake (Upper Pliocene)
- **Tpbhc** Basalt of Horse Creek (Middle Pliocene)
- **Tpbad** Basaltic Andesite of Dry Creek (Middle Pliocene)
- **Tpais** Andesite of Ichabod Spring (Middle Pliocene)

SCALE: 1:52,000

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Field Work: 1984, 1986, 1991, 1992, 2002, 2009

GEOLOGIC MAP SYMBOLS

- Contact -- Solid where approximately located; dashed where inferred.
- Fault -- Approximately located; bars are on the side of the down-dropped block.
- *# Sample location and map number for specimens with available age dates and chemical analyses -- Consult Table 1 in the attached text.
- # Sample location and map number for specimens with available chemical analyses -- Consult Table 1 in the attached text.

NOTES REGARDING THE MAP:

The above map was created in and exported from MapInfo Professional® version 7.0 in the following projection: Universal Transverse Mercator (NAD 27 for US): UTM Zone 10 (NAD 27 for US). The U.S. Geological Survey 7.5 minute Mule Hill quadrangle, the colored geologic units, the geologic unit boundaries, the fault, and the sample location symbols were exported from MapInfo and have since been kept in the same orientation. The exported map image has been uniformly resized using Adobe® Illustrator® CS3 to create a 1:52,000 scale. The colors of the exported map were adjusted using Adobe® Photoshop® CS3 to be consistent with USGS CMYK color standards. The map numbers and geologic unit labels were added to the map in Adobe® Illustrator® CS3. A final .pdf version of the map was created using Adobe® Illustrator® CS3. Last edited on 01/15/2011.