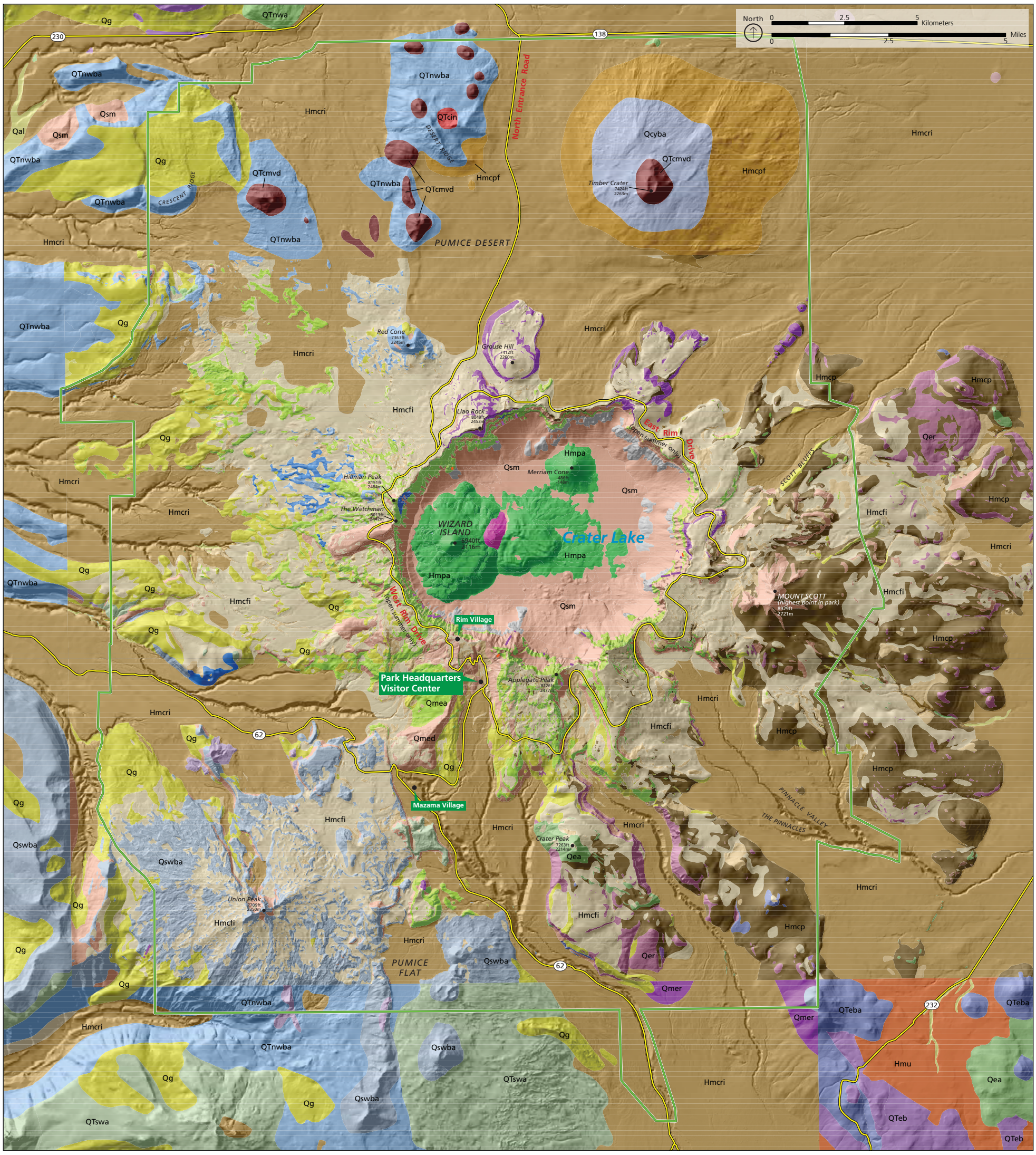
Simplified Geologic Map of Crater Lake NP



NPS Boundary

Infrastructure

- Points of Interest
- Roads

Linear Dikes

- Mount Mazama and Regional Volcanism units
- dk - Unidentified dikes, known or certain

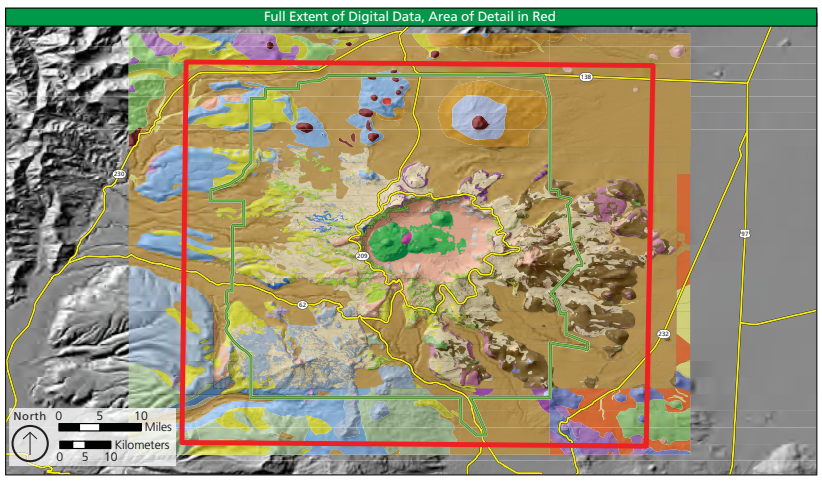
Simplified Geologic Units

Qal	Alluvial deposits
Qsm	Slope movements
Qg	Glacial deposits
Qs	Undivided sediments
Hl	Lake deposits
scw	Submerged caldera walls
Tdvs	Diatomite and volcaniclastic sediments
Hmpr	Mount Mazama postclimactic dome, rhyodacite, lava and breccia
Hmpa	Mount Mazama postclimactic eruption andesites
Hmu	Mount Mazama deposits, undivided
Hmcfi	Mount Mazama climactic eruption, fine-grained lithic- and crystal-rich ignimbrite
Hmclb	Mount Mazama climactic eruption, lithic breccia
Hmcri	Mount Mazama climactic eruption, ring-vent-phase ignimbrite
Hmcp	Mount Mazama climactic eruption, Plinian and other Holocene pumice-fall deposits
Hmcwt	Mount Mazama climactic eruption, Wineglass Welded Tuff of Williams (1942)
Hmcpf	Mount Mazama climactic eruption, pumice-flow deposits
Qmer	Mount Mazama preclimactic eruption, rhyodacite
Qmed	Mount Mazama preclimactic eruption, dacite
Qmeba	Mount Mazama preclimactic eruption, basaltic andesite
Qmea	Mount Mazama preclimactic eruption, andesite
QTswb	Southwest volcanism (Cascades), basalt
QTswa	Southwest volcanism (Cascades), andesite
Qswba	Southwest volcanism (Cascades), basaltic andesite
Qswa	Southwest volcanism (Cascades), andesite
QTnwba	Northwest volcanism (Cascades), basaltic andesite
QTnwb	Northwest volcanism (Cascades), basalt
QTnwa	Northwest volcanism (Cascades), andesite
Qea	East volcanism (Cascades), andesite
QTeb	East volcanism (Cascades), basalt
QTeba	East volcanism (Cascades), basaltic andesite
Qer	East volcanism (Cascades), rhyodacite
QTed	East volcanism (Cascades), dacite
Qcyba	Cascades volcanism, younger basaltic andesite
Qcv	Cascades volcanism, cinder cone and fissure vent deposits
QTcmvd	Cascades volcanism, mafic vent deposits
QTcin	Cascades volcanism, intrusive rocks and dikes

NOTE: This simplified geologic map compiled hundreds of map units from the source maps into 36 categories. The volcanic rocks were grouped by volcano and then by rock type. Mount Mazama deposits were further differentiated by preclimactic, climactic, or postclimactic.

Non-volcanic rocks and deposits were grouped into major categories: alluvial, slope movements, glacial, and lake deposits; diatomite and volcaniclastic sediments; submerged caldera walls; and undivided sediments.

Full Extent of Digital Data, Area of Detail in Red



This map is an overview of compiled geologic data prepared as part of the NPS Geologic Resources Inventory. It is not a substitute for site-specific investigations.

The source map used in creation of the digital geologic data was:

Bacon, C.R. 2008. Geologic Map of Mount Mazama and Crater Lake Caldera, Oregon (1:24,000 scale). Scientific Investigations Map SIM-2832. U.S. Geological Survey.

Jenks, M.D. and others. 2008. Oregon Geologic Data Compilation v4 (OGDC) (1:100,000 scale).

MacLeod, N.S. and Sherrod, D.R. 1992. Reconnaissance Geologic Map of the West Half of the Crescent 1 by 2 degree Quadrangle, Central Oregon (1:250,000 scale). Miscellaneous Investigations Series Map I-2215U.S. Geological Survey.

Sherrod, D.F. 1991. Geologic Map of a Part of the Cascade Range between latitudes 43 degrees -44 degrees, Central Oregon (1:125,000 scale). Miscellaneous Investigations Series Map I-1891. U.S. Geological Survey.

Smith, J.G. Page, N.J. Johnson, M.G. Moring, B.C. and Gray, F. 1982. Preliminary Geologic Map of the Medford 1 by 2 degree Quadrangle, Oregon and California (1:250,000 scale). Open-File Report OF-82-955. U.S. Geological Survey.

As per source map scale and U.S. National Map Accuracy Standards, geologic features represented here are within 12 m (40 ft) (1:24,000 scale data), 51 m (166) ft (1:100,000 scale data), 63 m (203) ft (1:125,000 scale data), or 127 m (416) ft (1:250,000 scale data) of their true location.

All digital geologic data and publications prepared as part of the Geologic Resources Inventory are available at the NPS Integrated Resource Management Applications Portal (IRMA): https://irma.nps.gov/App/Reference/Search. Enter "GRI" as the search text and select a park from the unit list.