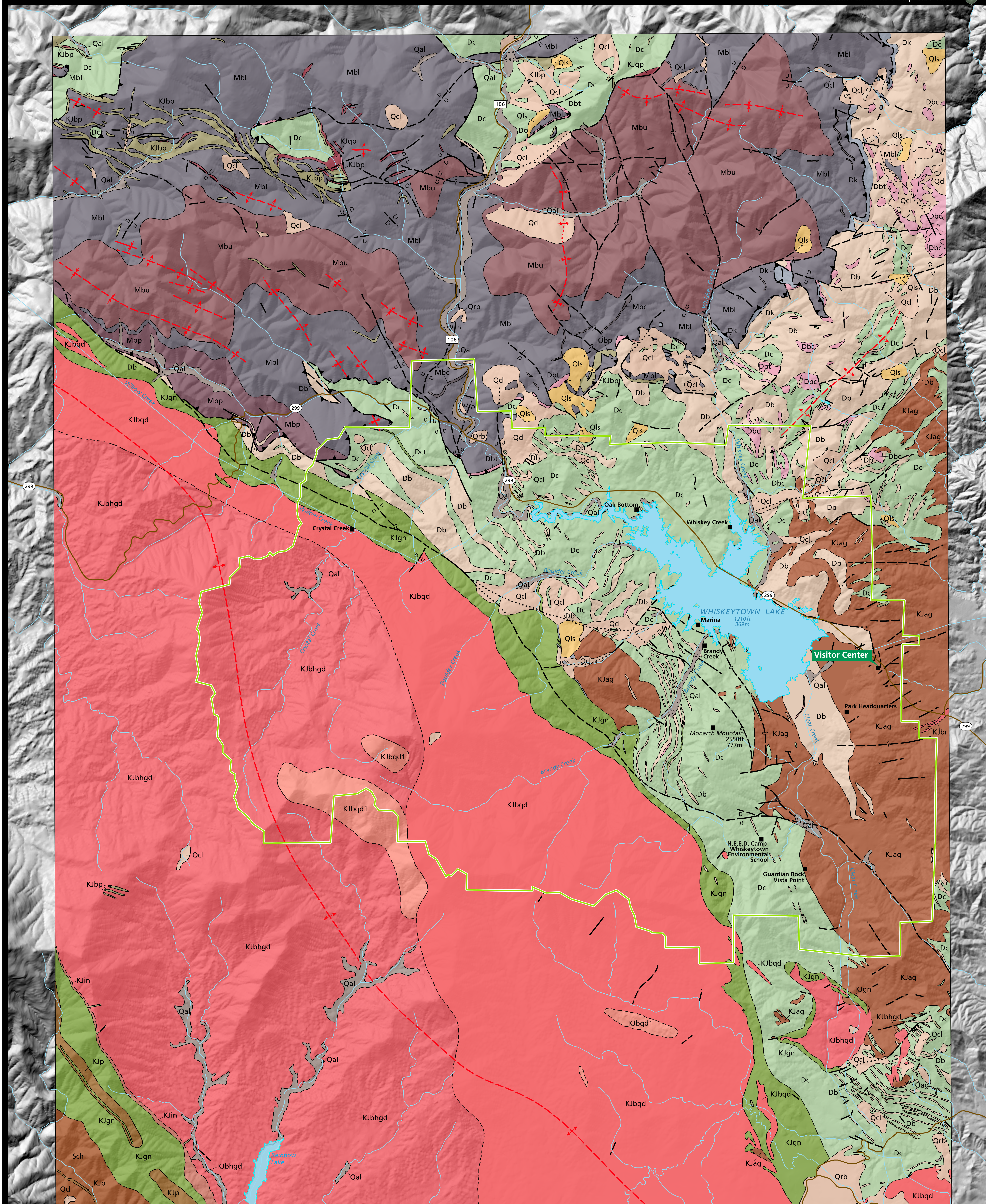
Geologic Map of Whiskeytown National Recreation Area

California

National Park Service
U.S. Department of the Interior

Geologic Resources Inventory
Natural Resource Stewardship and Science



NPS Boundary

Infrastructure

- Point of Interest
- Roads
- Water

Folds

- Anticline, solid where known or certain, dashed where approximate.
- Syncline, solid where known or certain, dashed where approximate, dotted where concealed.

Faults

"U" upthrown block, "D" downthrown block

- Thrust fault, solid where known or certain, dashed where approximate, dotted where concealed.
- Normal fault, solid where known or certain, dashed where approximate, dotted where concealed, question mark where quiered.
- Unknown offset/displacement fault, solid where known or certain, dashed where approximate, dotted where concealed, question mark where quiered.
- Vertical fault, solid where known or certain, dashed where approximate, dotted where concealed, question mark where quired.

Geologic Contacts

- Solid where known or certain, dashed where approximate, dotted where concealed.

Geologic Units

Symbol	Unit
Water	
Qcl	Soil, talus and slope wash (Recent)
Qal	Sand and gravel in stream beds (Recent)
Qls	Landslide deposits (Recent)
Qrb	Red Bluff Formation (Pleistocene)
Kc	Chico Formation (Upper Cretaceous)
KJbp	Birdseye porphyry (Cretaceous or Jurassic)
KJhb	Hornblendite (Cretaceous or Jurassic)
KJqp	Quartz porphyry (Cretaceous or Jurassic)
KJmg	Metagabbro (Cretaceous or Jurassic)
KJbhgd	Shasta Bally batholith, granodiorite and diorite (Cretaceous or Jurassic)
KJbqd	Shasta Bally batholith, coarse granodiorite and diorite (Cretaceous or Jurassic)
KJbqd1	Shasta Bally batholith, fine granodiorite and diorite (Cretaceous or Jurassic)
KJgn	Gneiss and amphibolite (Cretaceous or Jurassic)
KJin	Injected rocks and breccia (Cretaceous or Jurassic)
KJp	Peridotite (Cretaceous or Jurassic)
KJag	Mule Mountain stock, trondjemite (Cretaceous or Jurassic)
KJbr	Mule Mountain stock, intrusive breccia (Cretaceous or Jurassic)
Mbp	Phyllite derived from Bragdon Formation (Mississippian)
Mbu	Bragdon Formation, upper unit (Mississippian)
Mbl	Bragdon Formation, lower unit (Mississippian)
Mbc	Bragdon Formation, conglomerate bed in lower unit (Mississippian)
Dk	Kennett Formation, chert and shale (Devonian)
Dbc	Balaklala rhyolite, coarse phenochryst rhyolite (Devonian)
Db	Balaklala rhyolite, nonporphyritic rhyolite (Devonian)
Dbt	Balaklala rhyolite, nonporphyritic rhyolite, tuff and tuffaceous sedimentary rock (Devonian)
Dc	Copley greenstone, keratophyre, spilite and metaandesite (Devonian?)
Dct	Copley greenstone tuff, shaley tuff and shale (Devonian?)
Sch	Abrams mica schist and Salmon(?) hornblende schist, undifferentiated (pre-Silurian)

North 0 10 Kilometers
0 10 Miles

This map displays geologic map data compiled by the National Park Service Geologic Resources Inventory. It is not a substitute for site-specific investigations.

Source Map
Albers, J.P. 1964. Geology of the French Gulch Quadrangle, Shasta and Trinity Counties, California (scale 1:62,500). Bulletin 1141-J. US Geological Survey, Reston, Virginia.

Source Scale 1:62,500. According to US National Map accuracy standards, features are within 31 m (104 ft) of their true location.

Poster Layout: Sarah Lowe and Georgia Hybels (Colorado State University)

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All Geologic Resources Inventory geologic map data and publications are available at http://go.nps.gov/gripubs.