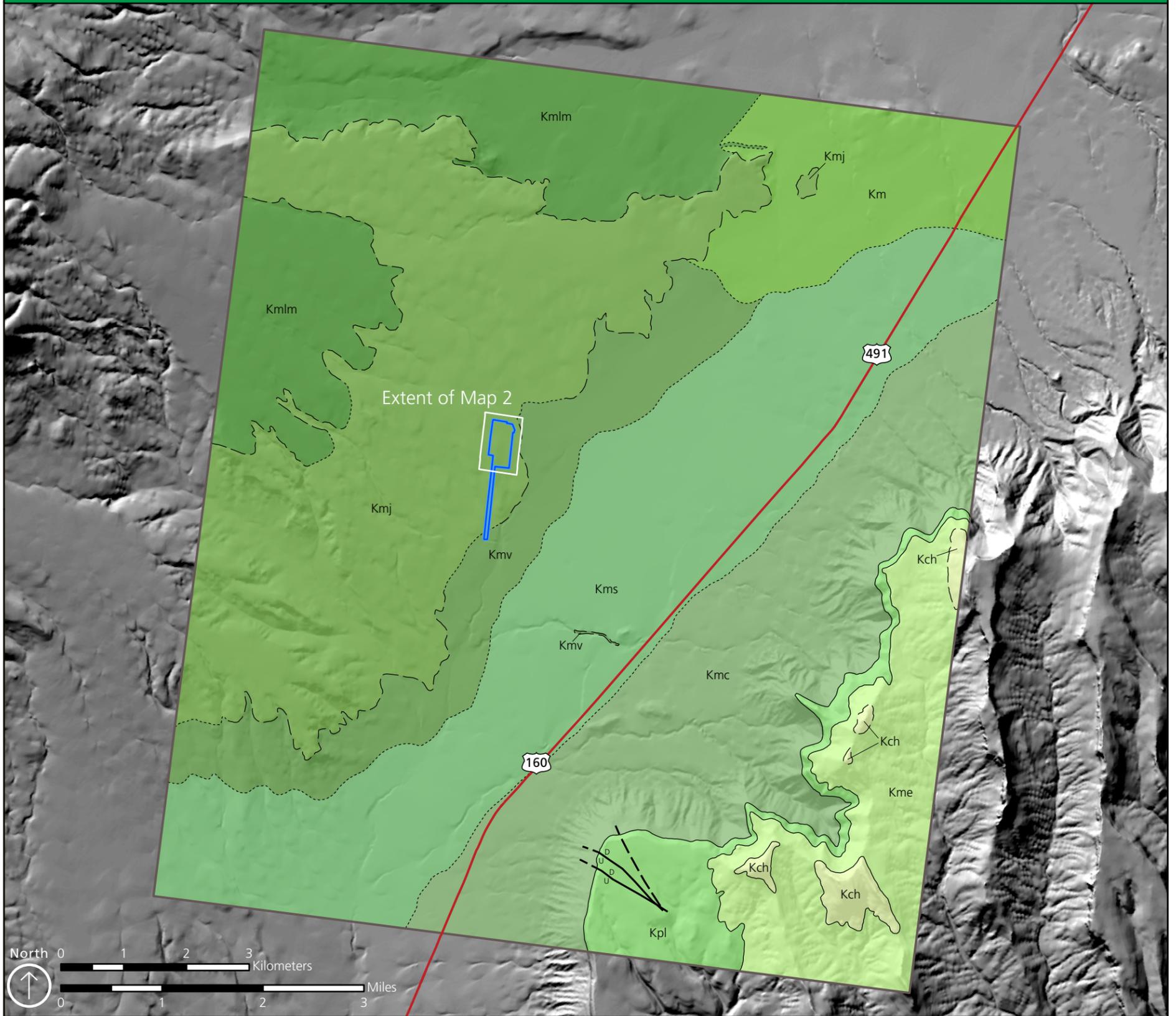


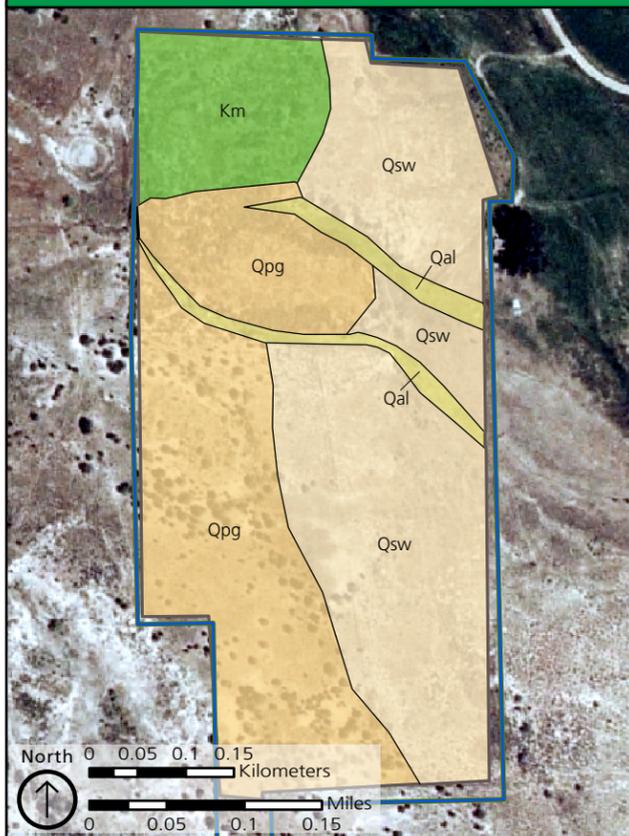


# Geologic Map of Yucca House National Monument, Colorado

Map 1: Bedrock Geology



Map 2: Surficial Geology



<b>NPS Boundary</b> 	<b>Faults</b> unknown offset/displacement fault, solid where known or certain, dashed where approximate. D on down side, U on up side.	<b>Qsw</b> Slopewash	<b>Kms</b> Mancos Shale, Smoky Hill Member
<b>Infrastructure</b> roads	<b>Geologic Contacts</b> solid where known or certain, dashed where approximate, dotted where concealed map boundary	<b>Kch</b> Cliff House Sandstone	<b>Kmv</b> Mancos Shale, Motezuma Valley Member
<b>Geologic Units</b> <b>Qal</b> Alluvium <b>Qpg</b> Pediment deposits	<b>Geologic Units</b> <b>Kpl</b> Point Lookout Formation <b>Km</b> Mancos Shale, Undifferentiated <b>Kmc</b> Mancos Shale, Cortez Member	<b>Kme</b> Menefee Formation	<b>Kmj</b> Mancos Shale, Juana Lopez
			<b>Kmlm</b> Mancos Shale, Lower Mancos

This map was produced by Rachel Yoder (Colorado State University) in September 2012. It is an overview of compiled geologic data prepared as part of the NPS Geologic Resources Inventory. This map is not a substitute for site-specific investigations.

The source maps used in creation of the digital geologic data were:

Carrarra, P. 2009. Yucca House Geologic Map (1:12,000 scale). unpublished. U.S. Geological Survey.

Ekren, E.B. and Houser, F.N. 1959. Preliminary Geologic Map of the Cortez SW Quadrangle, Montezuma County, Colorado (1:24,000 scale). Mineral Investigations Field Studies Map MF-217. U.S. Geological Survey.

Griffitts, M.O. 1999. Mesa Verde National Park Geology, Colorado (1:24,000 scale). unpublished. National Park Service.

Griffitts, M.O. 2001. Bedrock Geology and Paleontology of Yucca House National Monument Area, Colorado (1:62,500 scale). unpublished. National Park Service.

Haynes, D.D., Vogel, J.D., and Wyant, D.G. 1972. Geology, Structure, and Uranium Deposits of the Cortez Quadrangle, Colorado and Utah (1:250,000 scale). Miscellaneous Geologic Investigations Map I-629. U.S. Geological Survey.

As per source map scale and U.S. National Map Accuracy Standards, geologic features represented here are within 6 m (20 ft) (1:12,000 scale data), 12 m (40 ft) (1:24,000 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.