

**Why Geology Past is Important
for Today's Present World**
MI & WI AIPG Field Trip

Day 1 - Wisconsin Geology
Saturday, August 12, 2017
8:30am to 5pm

On this day, we will start with the Archean rocks and work our way up looking at: Paleoproterozoic Palms, Ironwood Formation, Tyler Formations, then some stops in the Mesoproterozoic Mellen Complex of the Mid-continent Rift, all near Mellen, Wisconsin. Then heading east we will look at the Oronto Group at the mouth of the Montreal River. These rocks span more than **1.7 billion years** and represent many different geologic environments and provide many different mineral resources.

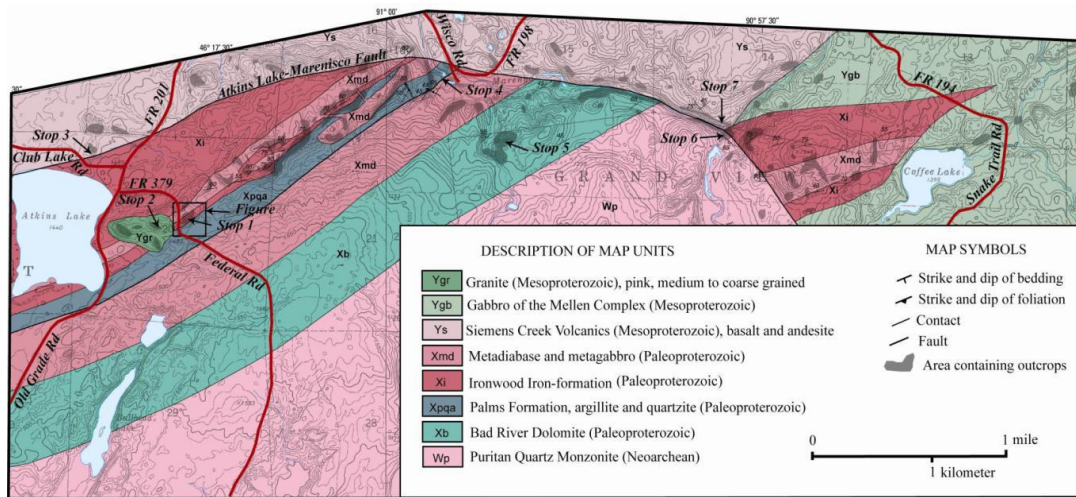


Figure 1. Geologic map of the Atkins Lake-Marengo Falls area showing the location of field trip stops. Geology from Cannon et al. (1996)

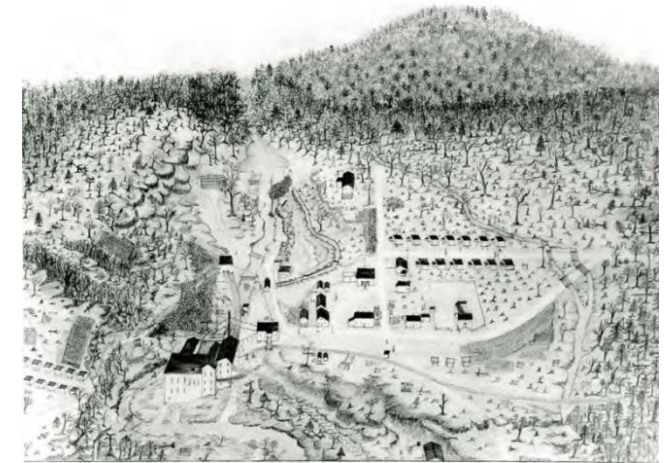
Day 2 - Michigan Geology
Sunday, August 13, 2017
8:30am to 5pm

On Sunday, we will examine the geology of the rocks of the Keweenaw Supergroup (1.1 Ga) and related intrusive rocks of the Midcontinent rift system exposed around the Porcupine Mountains. The Porcupine Volcanics create much of the area topography and represent a volcanic center that became active late in the volcanic history (about 1093 Ma). The Porcupine Volcanics are distinctly enriched in light rare earth elements (LREE). Economic-grade ore bodies are located on the western and eastern mountain flanks.
Transportation: Both field trips will leave from Porcupine Mountains Wilderness State Park.

Register Today!



Cost: \$40 per person includes motor coach transportation to and from the park on both days and a barbecue dinner at the park on Saturday night!
Sign up to reserve your spot!



NONESUCH MINE, I. S.

The bustling community of Nonesuch, a copper mine that operated sporadically from 1866 until 1912. The site became part of Porcupine Wilderness State Park Ontonogon, Michigan
Image provided by Robert Wild.



Lake of the Clouds, Porcupine Mountains Wilderness State Park. Photograph by Bill Cannon.