

EUGENITE



Eugenite is a very rare mineral found in only a half-dozen places worldwide. Its occurrence in Michigan may be only the second reported for the United States. Northern Peninsula.

Baraga County: Huron River uranium prospect, NW ¼ NW ¼ section 1, T51N, R30W: The mean of six electron microprobe analyses of mercurian silver from this locality (q.v.) yields a composition of $\text{Ag}_{10.86}\text{Hg}_{2.14}$, consistent with eugenite, though X-ray confirmation is currently lacking (Olds, 2012).

Menominee County: Aquila Resources, Inc. Back 40 Project, sections 1 and 12, T35N, R29W: Reported as a minor constituent in oxidized massive sulfide (gossan), though X-ray confirmation is lacking (Quigley and Mahin, 2008).

UPDATE FROM: Robinson, G.W., and Carlson, S.M., 2013, Mineralogy of Michigan Update: published online by A.E. Seaman Mineral Museum, Houghton, MI, 46p.