

## FELSŐBÁNYAITE



Recently shown to be equivalent to the former mineral species “basaluminite,” felsőbányaite is a relatively uncommon mineral formed by chemical weathering of clays by sulfate-rich groundwater, or by dehydration of the more heavily hydrated mineral species, hydrobasaluminite. Northern Peninsula.

**Dickinson County:** Unnamed gravel pit ~ 10 kilometers south of Sagola near the intersection of highways 95 and 69: As massive white powdery coatings on cobbles in Pleistocene ferricrete. Verified by X-ray diffraction and energy dispersion X-ray spectrometry. This represents the first verified occurrence of felsőbányaite in Michigan.

**Marquette County:** Road cut on U.S. 41 approximately 5 km west of Ishpeming: As white encrustations on rock. Verified by X-ray diffraction.



*Felsőbányaite on iron-stained matrix from U.S. 41 road cut west of Ishpeming, Marquette County; 3.5 × 5 cm area. A. E. Seaman Mineral Museum specimen DM 28557, George Robinson photograph*

**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.**