

AKAGANEITE



Akaganeite is an uncommon chlorine-bearing mineral that is polymorphous with goethite, lepidocrocite, and feroxyhyte. It forms as a weathering product of iron-bearing minerals. Northern Peninsula.

Houghton County: Echo Lake Gabbro, ~14 km NNW of Kenton: As a brown, flaky efflorescence on a drill core of altered mafic igneous rock. The mineral appears to have formed by reaction of iron-bearing minerals in the rock with a fossil brine. Confirmed by X-ray diffraction and energy dispersion X-ray spectrometry.

Ontonagon County: White Pine mine: As a minor encrustation on chalcocite crystals. Confirmed by energy dispersion X-ray spectrometry.

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