AKAGANEITE
(Fe$^{3+}$Ni$^{2+}$)$_8$(OH,O)$_{16}$Cl$_{1.25}$•nH$_2$O

Akaganeite is an uncommon chlorine-bearing mineral that is polymorphous with goethite, lepidocrocite, and ferrihydrite. 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.