

NEOTOCITE



A late, low-temperature, nearly amorphous mineral of manganese ores. Northern Peninsula.

Baraga County: *Taylor mine*, approximately 3.2 km north of Alberta, off old U.S. Highway 41: A nearly amorphous, resinous, brown-to-black manganese silicate mineral occurs in iron formation exposed in a prospect pit excavated for pyrolusite on the Taylor mine property. The mineral is presumed to be neotocite, based on its composition and few broad peaks in its X-ray powder diffraction pattern.

Iron County: 1. Near the Great Western mine. **2.** Monongahela mine. **3.** Chicagon mine: All three occurrences found in drill cores as dark brown, resinous, post-iron ore, open-space fillings (James et al., 1968).

Marquette County: Ishpeming: Neotocite occurs sparingly as small resinous, orange-brown masses in iron formation excavated during construction for the Jubilee I. G. A. store on the north side of highway 41 in the village of Ishpeming. Identification is based on optical and energy dispersion X-ray spectrometry.

FROM: Robinson, G.W., 2004 Mineralogy of Michigan by E.W. Heinrich updated and revised: published by A.E. Seaman Mineral Museum, Houghton, MI, 252p.