

## **BROCHANTITE**



A supergene mineral in oxidized copper deposits.  
Northern Peninsula.

**Keweenaw County:** Clark mine, SE ¼ section 4, T58N, R28W, about 4 km southeast of Copper Harbor: Occurs as bright green crusts and crystals intergrown with malachite replacing chalcocite in olive-green or white prehnite. Associated with posnjakite and langite (Bee and Dagenhart, 1984).

**Ontonagon County:** Caledonia mine: As green scales on native copper and microcline (adularia). Identification confirmed by X-ray diffraction and electron microprobe analysis (D. Behnke, written communication, 1994).

**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.**

### **UPDATE**

**Marquette County:** Presque Isle, Marquette: As emerald-green microcrystalline crusts associated with copper sulfides in calcite veins. Confirmed by X-ray diffraction and energy dispersion X-ray spectrometry.

**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.**