

PYROXMANGITE



Pyroxmangite is polymorphous with rhodonite, and like rhodonite, occurs in metamorphic or metasomatic deposits rich in manganese. It forms a complete solid solution series with pyroxferroite. Northern Peninsula.

Marquette County: Champion mine: Babcock (1966a, b) reported “rhodonite” as occurring “in manganese-quartz veins cutting iron formation. Its associated minerals are jacobsonite, anhydrite, and manganese-bearing silicates.” One specimen in the Babcock collection at the A. E. Seaman Mineral Museum (specimen number DM 23083) originally labelled as “rhodonite” has been re-examined by X-ray diffraction and electron microprobe studies and found to be magnesian, calcian pyroxmangite. It occurs as glassy, bright pink grains a few millimeters across associated with magnetite, spessartine, anhydrite, quartz, and mangano-cumingtonite.

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.