

VIOLARITE



A rare nickel mineral usually associated with copper, nickel, and iron sulfides in hydrothermal veins. Northern Peninsula.

Marquette County: Presque Isle: Reported from a sulfide-bearing vein in serpentine with galena, pyrite, pyrrhotite, chalcopyrite, and millerite (Snelgrove et al., 1944).

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

Menominee County: Unnamed prospect near Nathan: Occurs as metallic, bronze-colored subhedral crystals to ~1 mm in calcite veinlets in rock. Verified by X-ray diffraction and wavelength dispersion electron microprobe analysis.

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.