HYDROZINCITE

$Zn_5(CO_3)_2(OH)_6$

A common secondary mineral usually resulting from the oxidation of sphalerite in hydrothermal veins. Northern Peninsula.

Marquette County: Prospect pit on the northeast side of the Dead River Storage Basin, section 25, T49N, R28W: Occurs as thin white crusts associated with sphalerite in a brecciated quartz-galena-sphalerite vein. Shows typical blue-white fluorescence in shortwave UV light. First noted by Michael Basal and Ramon DeMark in the fall of 1996 (M. P. Basal, personal communication, 1999).

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

Baraga County: The Huron River uranium prospect, NW ¼ NW ¼ section 1, T51N, R30W: As thin, powdery white coatings on graphitic slate. Identification based on energy dispersion X-ray spectrometry and strong blue-white fluorescence in shortwave ultraviolet light (Carlson et al., 2007a).

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.