

URANOSPINITE



A relatively uncommon secondary mineral found in the oxidized portions of some uranium deposits. It is the arsenate analog of the more common species, autunite. Northern Peninsula.

Baraga County: Huron River uranium prospect, NW ¼ NW ¼ section 1, T51N, R30W: as sparse, pale yellow-white coatings with calcite in brecciated quartz. It is most easily spotted by its yellow-green fluorescence in shortwave ultraviolet light (Carlson et al., 2007a). This is the first reported occurrence of the mineral from Michigan.

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.