ROUAITE

$Cu_2(NO_3)(OH)_3$

Rouaite is a rare copper nitrate mineral originally described from Roua, Alpes Maritimes, France. It has since been found at the Sanyati mine, Kadoma District, Zimbabwe, and the Sterling Hill mine, Ogdensburg, New Jersey. The Michigan occurrence may be the fourth in the world. Northern Peninsula.

Houghton County: Centennial mine: As powdery blue coatings on a single specimen of native copper; probably a post-mining product. Verified by X-ray diffraction.

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.