

## SVANBERGITE



Svanbergite is a relatively uncommon member of the alunite-jarosite group. It is normally associated with medium-grade metamorphosed aluminous rocks or hydrothermal veins, so its occurrence here in a relatively low pressure-temperature environment in iron formation is somewhat unusual. Northern Peninsula.

**Iron County:** Iron River, Homer mine: As a white, granular to powdery mass with minor apatite group, dolomite and an unidentified clay mineral in iron formation. Energy dispersion X-ray scans of this mineral gave Sr, Al, P, and O as the major and S and Ca as the minor elements present, and its X-ray powder diffraction pattern gave an excellent match for svanbergite (plus minor apatite group, dolomite and a clay mineral as contaminants).

**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.**