

CHERALITE



Cheralite is a member of the monazite group, and the Ca- and Th-dominant analog of monazite-(Ce). It is a relatively rare mineral, known predominantly from a few granitic pegmatite occurrences. Northern Peninsula.

Marquette County: Grizzly pegmatite, exposed in road cut along highway M-95, SE $\frac{1}{4}$ NW $\frac{1}{4}$ section 21, T47N, R29W, north of Republic: Occurs as resinous to dull, anhedral, gray-brown grains disseminated in pegmatite. Verified by X-ray diffraction and energy dispersion X-ray spectrometry (Simmons, 2009).

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.