

NACRITE



One of four clay minerals having the above composition (the other three are kaolinite, halloysite, and dickite) in the kaolinite-serpentine group. Nacrite is chiefly hydrothermal in origin. Northern Peninsula.

Marquette County: Tracy iron mine at Negaunee: One of three occurrences in the United States confirmed by X-ray diffraction analysis. The nacrite was found in a small pocket with dickite and kaolinite in a manganite-goethite layer in oxidized cherty iron formation. X-ray powder diffraction data: (d in Angstroms, I/I₀): 7.20 (100), 3.602 (80), 4.366 (80,B) 2.436 (60) (Bailey and Tyler, 1960).

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.