

SILLIMANITE



A common and widespread metamorphic rock-forming mineral in schists and gneisses formed by high-grade regional metamorphism of shales. Andalusite and kyanite are polymorphs. Northern Peninsula.

Iron County: 1. SE $\frac{1}{4}$ section 20, T42N, R31W: In Michigamme Slate with garnet, staurolite, and andalusite (Bayley, 1959). **2.** Peavy Dam on the Michigamme River: Sillimanite-staurolite schist and sillimanite-bearing biotite schist in the Michigamme Formation (James, 1955).

Marquette County: 1. Approximately 11 km west-northwest of Republic: In glacial erratic of Michigamme Slate (James, 1955). **2.** Republic mine: With coexisting andalusite in rocks adjacent to fayalitic Negaunee Iron Formation. Haase and Klein (1978) refer to it as the fibrous variety, "fibrolite."

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