

AEGIRINE



A sodic pyroxene. It is widespread as a microscopic rock-forming mineral of alkalic igneous rocks and of some metamorphic rocks. Northern Peninsula.

Marquette County: **1.** Reported by Lane (1911) from a dike rock (aegirine-“oligoclase” aplite) cutting Virginia Slate (equals Michigamme Slate) in the Northern Peninsula, at an unspecified locality, probably in Marquette County. **2.** Empire mine, section 19, T47N, R26W: Gair (1975) reported “aegirinaugite” (an obsolete name for pyroxenes with compositions between aegirine and augite) as pale yellow-green granular aggregates up to 1 mm associated with riebeckite (q.v.) in magnetite-carbonate-chert rock of the Negaunee Formation (Nordstrom, 1999). **3.** A similar pyroxene, also with riebeckite, has been found in drill core 3.2 km north of the Empire mine, west-central part of section 7, T47N, R26W. Based on optical data, it appears to have a composition of ~ 73 mole% aegirine (Gair, 1975).

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