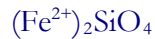


FAYALITE



(see also forsterite)

The Fe²⁺-dominant member of the olivine group. Found in a variety of igneous and metamorphic rocks. Northern Peninsula.

Marquette County: Republic mine: Fayalite (Fa₈₅₋₉₅) occurs in metamorphosed Negaunee Iron Formation in the assemblage fayalite, hedenbergite (reported as “ferrosalite”), grunerite, hornblende, biotite, calcite ± quartz, and magnetite. The fayalite cuts across grunerite and locally is intergrown with the hedenbergite (Haase and Klein, 1978).

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.