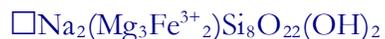


MAGNESIORIEBECKITE



(see also riebeckite, alkali amphibole)

One of the sodic amphiboles; forms a solid solution series with riebeckite, its Fe^{2+} analog. It occurs primarily in alkalic granites and syenites, and in some iron formations. Northern Peninsula.

Marquette County: Empire mine: Sliter (1970) reported a thin zone with 6 mm bands of finely fibrous blue-black “riebeckite” with associated aegirine-augite occurring near the base of the iron formation in a host rock of very fine-grained quartz-garnet-biotite. However, analyses from Gair (1975) show this material is Mg-dominant, and therefore magnesioriebeckite.

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.