

GEIKIELITE



Geikielite is the magnesium analog of ilmenite (q.v.). It is commonly found in ultrabasic xenoliths, kimberlites, and related rocks. Northern Peninsula.

Dickinson, Iron and Menominee Counties:

Many of the “ilmenites” from the Michigan kimberlites are magnesium-dominant, and are therefore ferroan geikielite. Some also contain trace amounts of manganese and niobium (S. M. Carlson, personal communication, 1998).

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