

DIOPTASE



An uncommon supergene copper mineral.
Northern Peninsula.

Keweenaw County: Allouez mine: Specimens containing microcrystals of dioptase from the collection of the Calumet and Hecla Mining Company (and now in the collection of the A. E. Seaman Mineral Museum, Michigan Technological University) are labelled as coming from the Allouez mine. However, their crystal habit, matrix, and overall appearance very closely resemble specimens from Arizona, thereby making this occurrence suspicious.

Ontonagon County: Algomah mine: Found in thin seams of secondary copper minerals, including malachite, cuprite, chrysocolla, tenorite, atacamite, and paramelaconite (Williams, 1962a, b; Moore and Beger, 1963). Beautiful microcrystals up to 2 mm long associated with malachite and chrysocolla were collected from 1 sub-level in 1962 (T. Rosemeyer, personal communication, 1999).

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.