

ZOISITE



The orthorhombic dimorph of clinozoisite, and member of the epidote group. It is usually distinguishable from clinozoisite by optical or X-ray means. Zoisite varies from an accessory to an essential constituent of various metamorphic rocks (marbles, mica schists, and amphibolites) and a hydrothermal alteration product of basalts, diabases, and gabbros. It is also found as a rare accessory mineral in sands and sandstones (Stewart, 1937). Northern and Southern Peninsulas.

Dickinson County: Metronite quarry, 4 km east-northeast of Felch: In contact-altered Randville Dolomite (marble). Here it is zoned and selectively replaced by phlogopite (Heinrich, 1962b).

Genesee County: Flushing, T8N, R5E: In the Flushing Sandstone member of the Saginaw Formation (Pennsylvanian) (Kelly and Beutner, 1930).

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.