

SIEGENITE



A relatively uncommon linnaeite group mineral found in some hydrothermal veins and Mississippi Valley type lead-zinc deposits. Southern Peninsula.

Huron County: Wallace Stone Company quarry, Pigeon, near Bay Port: During an SEM investigation of the millerite alteration products (q.v.) from this occurrence, a single microscopic, tarnished, gray cubic crystal associated with millerite was noted. Its energy dispersion X-ray spectrum gave only three major elements, Co, Ni, and S. While X-ray confirmation was not done (due to sample size), siegenite seems the only likely identification for this mineral, as no other cubic metallic mineral of that composition is known.

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.