

NICKEL-SKUTTERUDITE



Nickel-skutterudite is found sparingly in some of the copper arsenide veins (algonite, domeykite) of the native copper lodes (Lane, 1911). “Chloanthite” is an obsolete name for an arsenic-deficient variety of nickel-skutterudite. Northern Peninsula.

Keweenaw County: 1. Mohawk Number 2 mine: Intergrown with domeykite (Moore, 1962). 2. Seneca mine: An arsenide fissure crossing the Kearsarge lode on the 3rd level, 640 meters north of Number 2 Shaft, carried copper arsenides and three other arsenides of nickel, cobalt, or both (Butler and Burbank, 1929).

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.

UPDATE

Like cobaltite, nickelskutterudite is a cobalt-nickel arsenide mineral most often found in hydrothermal vein deposits with silver and other arsenide species. Northern Peninsula.

Menominee County: Aquila Resources, Inc. Back 40 Project, sections 1 and 12, T35N, R29W: As a minor constituent in oxidized massive sulfide (gossan) (Quigley and Mahin, 2008).

UPDATE FROM: Robinson, G.W., and Carlson, S.M., 2013, Mineralogy of Michigan Update: published online by A.E. Seaman Mineral Museum, Houghton, MI, 46p.