NICKEL-SKUTTERUDITE

(Ni,Co)As₂₋₃

Nickel-skutterudite is found sparingly in some of the copper arsenide veins (algodonite, domeykite) of the native copper lodes (Lane, 1911). "Chloanthite" is an obsolete name for an arsenicdeficient 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.