

CHALCANTHITE



Chalcanthite usually forms by oxidation of copper-bearing sulfides. It is a relatively common mineral in many copper deposits, and is often of post-mining origin. Because it is water-soluble, it persists in arid climates and sheltered areas, perhaps explaining why it is absent from the Keweenaw copper deposits. Northern Peninsula.

Dickinson County: Groveland mine: Chalcanthite has been identified as a blue, botryoidal, post-mining coating on hematite. Verified by X-ray diffraction (J. Selway, personal communication, 2000).

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