

TELLUROBISMUTHITE



An uncommon telluride mineral occurring in certain hydrothermal gold deposits. Northern Peninsula.

Marquette County: **1.** Gold Bluff prospect, SE ¼ section 28, T49N, R27W: Tellurobismuthite (verified by X-ray diffraction and electron microprobe analysis) occurs as small (generally less than 1 mm) grains associated with native gold, tsumoite, kochkarite, hessite, volynskite, and pyrite in a quartz vein. For a discussion of the geology of this deposit, see Quigley and Mahin (1999). This property is currently under lease by Minerals Processing Corporation, and collecting without permission is prohibited. **2.** Michigan mine, NE ¼ section 35, T48N, R28W: Noted as a single <1 mm grain in quartz associated with galena and an unidentified Bi-Pb-Te-S mineral (q.v.). Identified by qualitative energy dispersion X-ray spectrometry.

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.