

Danburite with Quartz and Calcite [CaB₂(SiO₄)₂]

Danburite is not a well-known mineral. Many specimens have been misidentified as quartz due to their similarities in hardness and color. Named after Danbury, Connecticut where it was first discovered in 1839 by Charles Shephard, Danburite is more closely related to topaz, as both have orthorhombic crystal habits and transparent crystal clusters. Most specimens have diamond-shaped cross-sections and wedge-like terminations, which contrast with quartz's hexagonal prisms and pyramidal terminations. P5



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