Metaschoderite

Crystal Data: Monoclinic. Point Group: 2/m. Pseudomorphous after bladed to scaly schoderite crystals or spherulitic aggregates; in microcrystalline coatings.


Cell Data: Space Group: P21/m (probable). a = 11.4 b = 14.9 c = 9.2 β = 79° Z = 4

X-ray Powder Pattern: Fish Creek Range, Nevada, USA. 7.5 (100), 14.9 (60), 11.1 (40), 3.02 (20), 9.6 (15), 4.92 (10), 5.68 (8)

Chemistry: (1) No chemical analysis has been performed, the hydration state determined by DTA of schoderite.

Occurrence: Typically a dehydration product of schoderite.

Association: Schoderite, wavellite, vashegyite (Fish Creek, Nevada, USA); metahewettite, schoderite, bokite, minyulite, leucophosphite (Cockalorum Wash, Nevada, USA); hewettite, duttonite, fervanite, schoderite, straczekite (Wilson Springs mine, Arkansas, USA).

Distribution: In the USA, from the Van-Nav-Sand claim group, Fish Creek Range, 48 km south of Eureka, Eureka Co., and near Cockalorum Wash, Nye Co., Nevada; at the Wilson Springs (Potash Sulphur Springs) mine, Garland Co., Arkansas.

Name: The prefix meta indicates the dehydration product of schoderite.

Type Material: n.d.