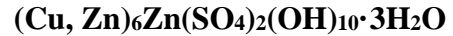


Hodgesmithite

Crystal Data: Hexagonal. *Point Group:* 3.

Physical Properties: *Cleavage:* *Tenacity:* *Fracture:* *Hardness =*
D(meas.) = D(calc.) =

Optical Properties: *Color:* *Streak:* *Luster:*
Optical Class:

Cell Data: *Space Group:* P3. *a* = 8.190(1) *c* = 7.099(1)

X-Ray Diffraction Pattern: Block 14 Opencut, Broken Hill, New South Wales, Australia.
7.098 (100), 3.550 (19), 3.173 (19), 2.509 (19), 2.681 (16), 2.138 (6), 5.020 (5)

Chemistry:

Occurrence:

Association:

Distribution: From the Block 14 Opencut, Broken Hill, New South Wales, Australia.

Name:

Type Material: South Australian Museum, Adelaide, Australia (G34298).

References: (1) Hålenius, U., F. Hatert, M. Pasero, and S.J. Mills (2016) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 30. New minerals and nomenclature modifications approved in 2016. *Mineral. Mag.*, 80, 411.