

## Zincobriartite



**Crystal Data:** Tetragonal. *Point Group:*  $\bar{4} 2m$ .

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

**Optical Properties:** *Color:*    *Streak:* n.d.    *Luster:*  
*Optical Class:*

**Cell Data:** *Space Group:*  $I\bar{4} 2m$ .    *a* = 5.3433(4)    *c* = 10.5350(11)

**X-Ray Diffraction Pattern:** Kipushi mine, Katanga, Democratic Republic of Congo.  
3.056 (100), 1.869 (35), 1.605 (17), 1.594 (10), 1.214 (6), 1.087 (6), 2.660 (5)

**Chemistry:**

**Mineral Group:**

**Occurrence:**

**Association:**

**Distribution:** From the Kipushi mine (formerly the Prince Léopold mine), Katanga, Democratic Republic of Congo.

**Name:** Prefix, *zinco*, indicates the Zn-analogue of *briartite*.

**Type Material:** Natural History Museum, London, England (BM 1967,271).

**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 2015 and 2016. *Mineral. Mag.*, 80, 203.