

**Kodamaite**

**Crystal Data:** Triclinic. *Point Group:*  $\bar{1}$ .

**Physical Properties:** *Cleavage:* *Tenacity:* *Fracture:*

Hardness = D(meas.) = D(calc.) =

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

*Optical Class:*

**Cell Data:** *Space Group:*  $P\bar{1}$ .  $a = 9.609(2)$   $b = 9.630(2)$   $c = 15.739(3)$   $\alpha = 75.21(3)^\circ$   
 $\beta = 85.22(3)^\circ$   $\gamma = 60.12(3)^\circ$

**X-Ray Diffraction Pattern:** Poudrette Quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu, Montérégie, Québec, Canada.

15.148 (100), 2.996 (18), 2.780 (14), 1.831 (9), 3.833 (7), 3.068 (7), 4.191 (5), 3.139 (5)

**Chemistry:**

**Polymorphism & Series:**

**Mineral Group:** Reyerite group.

**Occurrence:**

**Association:**

**Distribution** From the Poudrette Quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu, Montérégie, Québec, Canada.

**Name:**

**Type Material:** Canadian Museum of Nature, Ottawa, Ontario, Canada (CMNMC 87262).

**References:** (1) Miyawaki R., F. Hatert, M. Pasero, and S.J. Mills (2019) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 51. New minerals and nomenclature modifications approved in 2019. *Mineral. Mag.*, 83(5), 757.