

Kollerite

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.