

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.