

Crystal Data: Monoclinic. *Point Group:* $2/m$.

Physical Properties: *Cleavage:* *Tenacity:* *Fracture:*
Hardness = $D(\text{meas.}) =$ $D(\text{calc.}) =$

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

Cell Data: *Space Group:* $P2_1/m$. $a = 11.1035(10)$ $b = 7.8463(7)$ $c = 7.8222(7)$ $\beta = 101.406(8)^\circ$

X-Ray Diffraction Pattern: Wessels mine, Kalahari Manganese Fields, Northern Cape Province, South Africa.
3.486 (100), 4.632 (92), 3.291 (67), 3.065 (57), 2.118 (49), 2.841 (48), 1.956 (46)

Chemistry:

Polymorphism & Series:

Mineral Group: The Fe^{3+} analogue of ohmilite.

Occurrence:

Association:

Distribution: From the Wessels mine, Kalahari Manganese Fields, Northern Cape Province, South Africa.

Name:

Type Material: Geological Museum of China, Beijing, People's Republic of China (M16110 holotype), the University of Arizona Mineral Museum, Tucson, Arizona, USA (22692), and the RRUFF Project (R200008).

References: (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2021) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 60. *Eur. J. Mineral.*, 33, 204.