Verbierite BeCr<sup>3+</sup>2TiO<sub>6</sub>

**Crystal Data**: Orthorhombic. *Point Group*:  $2/m \ 2/m$ .

**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*: *Pnma*. a = 9.933(2) b = 8.458(2) c = 4.511(1)

**X-Ray Diffraction Pattern**: Savoleyres, north of Verbier, Wallis, Switzerland. 1.670 (100), 3.70 (60), 2.54 (60), 1.661 (60), 2.25 (30), 1.428 (30), 1.351 (30)

**Chemistry**:

**Mineral Group:** 

Occurrence:

**Association**:

**Distribution**: From Savoleyres, north of Verbier, Wallis, Switzerland.

Name: For the town near where the studied samples were collected.

Type Material: Geology Museum, Lausanne, Switzerland (MGL 93100 and MGL 93101).

**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 2016. Mineral. Mag., 80, 408.