Xuwenyuanite

Crystal Data: Cubic.  \( \text{Point Group: } \bar{4} 3m \).

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

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

Cell Data:  \( \text{Space Group: } F \bar{4} 3m. \quad a = 11.0732(2) \)

X-Ray Diffraction Pattern: Bajiazi lead-zinc deposit, ~310 km southwest of Shengyang City, Jianchang County, Liaoning Province, China.
6.409 (100), 2.126 (88), 3.191 (79), 2.254 (73), 2.762 (70), 1.952 (59), 3.338 (52)

Chemistry:

Polymorphism & Series: A dimorph of chenguodaite.

Mineral Group:

Occurrence:

Association:

Distribution: From the Bajiazi lead-zinc deposit, ~310 km southwest of Shengyang City, Jianchang County, Liaoning Province, China.

Name:

Type Material: Geological Museum of China, Beijing, People’s Republic of China (M16128).