Grokhovskyite $CuCrS_2$

Crystal Data: Hexagonal. *Point Group*: 3*m*.

Physical Properties: *Cleavage*: *Tenacity*: *Fracture*:
Hardness = D(meas.) = D(calc.) =

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

Cell Data: *Space Group: R*3*m*. a = 3.4794(8) c = 18.702(4)

X-Ray Diffraction Pattern: Uakit iron meteorite (IIAB).
2.975 (100), 1.999 (70), 2.868 (69), 1.740 (67), 1.847 (50), 2.533 (44), 2.347 (34), 3.117 (15)

Chemistry:

Polymorphism & Series:

Mineral Group:

Occurrence:

Association:

Distribution From the Uakit iron meteorite (IIAB), found in the Baunt Evenk district, Republic of Buryatia, Russia.

Name:

Type Material: Central Siberian Geological Museum, V.S. Sobolev Institute of Geology and Mineralogy, Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia (no. 52 meteorite Uakit).

References: (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2019) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 52. New minerals and nomenclature modifications approved in 2019. Mineral. Mag., 83, 890.