Udinaite $NaMg_4(VO_4)_3$

Crystal Data: Tetragonal. *Point Group*: $\bar{4}$ 2*m*.

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

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

Cell Data: *Space Group: I*$\bar{4}$ 2*d*. *a* = 6.8011(2) *c* = 19.184(1)

X-Ray Diffraction Pattern: Arsenatnaya fumarole, Tolbachik volcano, Kamchatka peninsula, Far-Eastern Region, Russia.
2.774 (100), 3.003 (48), 3.340 (28), 1.699 (26), 4.294 (22), 4.654 (19), 2.747 (17), 2.663 (16)

Chemistry:

Polymorphism & Series:

Mineral Group:

Occurrence:

Association:

Distribution From the Arsenatnaya fumarole, Second scoria cone of the Northern Breakthrough of the Great Tolbachik Fissure Eruption, Tolbachik volcano, Kamchatka peninsula, Far-Eastern Region, Russia.

Name:

Type Material: A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (5237/1).

References: (1) Hålenius, U., F. Hatert, M. Pasero, and S.J. Mills (2018) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 45. New minerals and nomenclature modifications approved in 2018. Mineral. Mag., 82(5), 1230-1231.