Nazarovite $Ni_{12}P_5$

Crystal Data: Tetragonal. *Point Group*: 4/*m*.

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

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

Cell Data: *Space Group: I*4/*m*. $a = 8.640(1)$ $c = 5.071(3)$

X-Ray Diffraction Pattern: Halamish wadi, southern Hatrurim basin, Negev Desert, Israel. 1.860 (100), 2.341 (54), 1.931 (40), 2.040 (15), 2.160 (13), 4.374 (5), 2.503 (5)

Chemistry:

Polymorphism & Series:

Mineral Group:

Occurrence:

Association:

Distribution From Halamish wadi, southern Hatrurim basin, Negev Desert, Israel (holotype) and the Marjalahti meteorite, fallen June 01, 1902, at the northern coast of Lake Ladoga, Karelia, Russia.

Name:

Type Material: A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (5381/1).

References: (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2019) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 50. Mineral. Mag., 83, 616-617.