Shinkolobweite $Pb_{1.25}[U^{5+}(H_2O)_2(U^{6+}O_2)_5O_8(OH)_2](H_2O)_5$

Crystal Data: Orthorhombic. *Point Group*:

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

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

Cell Data: *Space Group*: *Imm*2(00*g*)(000). a = 11.9454(9) b = 14.309(1) c = 7.063(2)
q_1 = 0.3279·c*

X-Ray Diffraction Pattern: Shinkolobwe mine, Katanga, Democratic Republic of Congo.
3.149 (100), 3.486 (49), 7.27 (27), 1.993 (23), 1.771 (16), 3.614 (15), 2.519 (15)

Chemistry:

Mineral Group:

Occurrence:

Association:

Distribution: From the Shinkolobwe mine, Katanga, Democratic Republic of Congo.

Name: For the mine where the studied material was collected.

Type Material: Canadian Museum of Nature, Ottawa, Ontario, Canada (CMNMC 86897) and the Natural History Museum of Los Angeles County, Los Angeles, California, USA (65618).

References: (1) Hålenius, U, F. Hatert, M. Pasero, and S.J. Mills (2017) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 36. New minerals and nomenclature modifications approved in 2017. Mineral. Mag., 81(2), 404.