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Crystal Data: Amorphous. Point Group: n.d. In platy masses and scales, to 1.5 cm.

Physical Properties: Cleavage: One direction, perfect, micaceous. Hardness = 2 D(meas.) = 2.52-2.58 D(calc.) = n.d.

Optical Properties: Semitransparent. *Color:* Cinnamon-brown to light gray, gray, or silvery gray; in transmitted light, colorless. *Luster:* Pearly. *Optical Class:* Biaxial (–). *Orientation:* Extinction parallel; elongation positive. $\alpha = \sim 1.74$ $\beta = \sim 1.81$ $\gamma = \sim 1.81$ $2V(\text{meas.}) = 18^{\circ}$

Cell Data: Space Group: n.d. Z = n.d.

X-ray Powder Pattern: Lovozero massif, Russia; after heating at 900 °C. 1.89 (10), 3.70 (8), 3.18 (6), 2.10 (4), 1.64 (2)

Chemistry:

	(1)	(2)	(3)
Nb_2O_5	43.91	43.32	40.60
Ta_2O_5	0.38	0.02	0.0
SiO_2	1.83	3.58	
TiO_2	24.37	21.00	23.39
Al_2O_3		2.54	
Fe_2O_3	trace	2.46	1.08
MnO	7.85	2.09	
MgO		0.65	0.80
CaO	1.37	1.59	0.58
Na_2O		0.15	
K_2O		0.15	
H_2O^+	3.95	10.20	9.87
H_2O^-	16.55	11.20	9.51
P_2O_5		0.90	
Total	[100.21]	99.85	

(1) Mt. Punkaruaiv, Russia; original total given as 100.11%; corresponds to $(Mn_{0.84}Ca_{0.18})_{\Sigma=1.02}$ $(Nb_{2.50}Ti_{2.50})_{\Sigma=5.00}O_{12.27} \cdot 9.09H_2O.$ (2) Mt. Karnasurt, Russia. (3) Ilímaussaq intrusion, Greenland; partial analysis.

Polymorphism & Series: Forms a series with manganbelyankinite.

Occurrence: As a secondary mineral formed by the late-stage hydrothermal alteration of Nb–Ti minerals (possibly epistolite) within ussingite-bearing pegmatites, associated with alkaline intrusions.

Association: Ussingite, epistolite, steenstrupine, neptunite (Lovozero massif, Russia); albite, analcime, aegirine, natrolite, tetranatrolite, chkalovite, lithian mica, epistolite, niobophyllite, monazite, rhabdophane, tugtupite, nenadkevichite, beryllite (Ilímaussaq intrusion, Greenland).

Distribution: Found on Mts. Punkaruaiv, Karnasurt, Nepkhe, and Alluaiv, in the Lovozero massif, Kola Peninsula, Russia. In Greenland, occurs at Nákâlâq, in the Ilímaussaq intrusion.

Name: Honors Vasily Ivanovich Gerasimovskii (1911–1979), Russian mineralogist and geochemist, discoverer of many new minerals from the Lovozero massif.

Type Material: Vernadsky Geological Museum, Moscow, 46315; A.E. Fersman Mineralogical Museum, Academy of Sciences, Moscow, Russia, 62290.

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