

Crystal Data: Hexagonal. *Point Group:* $\bar{3}2/m, 3m,$ or 32 . Irregular grains, to 2 mm in diameter.

Physical Properties: *Cleavage:* {0001}, perfect. *Hardness* = n.d. *VHN* = 60–114, 90 average (15 g load). *D(meas.)* = n.d. *D(calc.)* = 7.85

Optical Properties: Opaque. *Color:* Lead-gray; in reflected light, white with creamy tinge. *Luster:* Metallic. *Anisotropism:* Isotropic on basal sections, distinctly anisotropic in perpendicular sections, with weak color effects from brown to pale gray.

R₁–R₂: (400) —, (420) —, (440) 52.5–58.0, (460) 52.1–57.3, (480) 51.7–56.8, (500) 51.3–56.3, (520) 50.8–55.9, (540) 50.5–55.5, (560) 50.1–55.0, (580) 49.8–54.5, (600) 49.6–54.1, (620) 49.4–53.7, (640) 49.1–53.2, (660) 48.9–52.8, (680) 48.8–52.5, (700) 48.6–52.2

Cell Data: *Space Group:* $P\bar{3}m1, P3m1, P31m,$ or $P321$. *a* = 4.197 *c* = 22.80 *Z* = 6

X-ray Powder Pattern: Nevskoye deposit, Russia.
3.06 (10), 3.59 (4), 2.24 (4), 2.10 (4), 1.903 (3), 1.734 (3), 1.534 (3)

Chemistry:	(1)
	Bi 69.8
	Pb 3.0
	Ag 0.6
	Se 24.6
	S 1.6
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	Total 99.6

(1) Nevskoye deposit, Russia; by electron microprobe, average of four analyses; corresponding to $(\text{Bi}_{0.92}\text{Pb}_{0.04}\text{Ag}_{0.02})_{\Sigma=0.98}(\text{Se}_{0.86}\text{S}_{0.14})_{\Sigma=1.00}$.

Occurrence: In quartz-cassiterite veins.

Association: Wolframite, cassiterite, natanite, laitakarite, guanajuatite.

Distribution: From the Nevskoye W–Sn deposit, 25 km northwest of Omsukchan, Magadan region, Russia [TL].

Name: For the Nevskoye deposit in Russia.

Type Material: A.E. Fersman Mineralogical Museum, Academy of Sciences, Moscow, Russia, 82673.

References: (1) Nechelyustov, G.N., N.I. Christyakova, and E.N. Zav'yalov (1984) Nevskite $\text{Bi}(\text{Se}, \text{S})$ – a new bismuth selenide. *Zap. Vses. Mineral. Obshch.*, 113, 351–355 (in Russian).
(2) (1985) *Amer. Mineral.*, 70, 875 (abs. ref. 1).