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Crystal Data: Hexagonal. Point Group: n.d. Massive (?).

Physical Properties: Cleavage: One, distinct. Hardness = n.d. VHN = 240–300, 270 average, to 376–480, 436 average (100 g load), depending on orientation. D(meas.) = n.d. D(calc.) = 6.2

Optical Properties: Opaque. *Color:* Yellowish with a brown tint; in reflected light, rose-orange. *Streak:* Black. *Luster:* Metallic.

 $\begin{array}{l} {\rm R_1-R_2:} \ (400) - - \ , \ (420) \ 35.0 - 41.2, \ (440) \ 37.0 - 43.0, \ (460) \ 39.2 - 45.0, \ (480) \ 41.7 - 47.0, \ (500) \\ 44.0 - 48.6, \ (520) \ 45.9 - 49.8, \ (540) \ 47.5 - 50.9, \ (560) \ 48.9 - 51.9, \ (580) \ 50.2 - 52.7, \ (600) \ 51.1 - 53.3, \ (620) \\ 52.1 - 54.2, \ (640) \ 52.8 - 55.0, \ (660) \ 53.4 - 55.8, \ (680) \ 53.7 - 56.6, \ (700) \ 54.1 - 57.1 \\ \end{array}$

Cell Data: Space Group: n.d. a = 17.46(4) c = 7.20(1) Z = 18

X-ray Powder Pattern: Vozhmin massif, Russia. 8.7 (10), 1.776 (10b), 3.07 (9), 2.111 (9), 2.303 (7), 2.717 (6)

Chemistry:

	(1)
Ni	52.7
Co	5.56
Fe	0.05
As	13.1
\mathbf{Sb}	11.3
S	16.8
Total	99.51

(1) Vozhmin massif, Russia; by electron microprobe, average of 22 points on 2 samples, corresponding to $(Ni_{3,43}Co_{0.36})_{\Sigma=3.79}(As_{0.67}Sb_{0.35})_{\Sigma=1.02}S_{2.00}$.

Occurrence: In heazlewoodite ore in serpentinites.

Association: Heazlewoodite, tučekite, magnetite, geversite, copper.

Distribution: From the Vozhmin massif, Segezha district, central Karelia, Russia.

Name: For its occurrence in the Vozhmin massif, Karelia, Russia.

Type Material: Mining Institute, St. Petersburg, Russia, 1139/1.

References: (1) Rudashevskii, N.S., Y.P. Men'shikov, A.A. Lentsi, N.I. Shumskaya, A.B. Lobanova, G.N. Goncharov, and A.G. Tutov (1982) Vozhminite, $(Ni, Co)_4(As, Sb)S_2$, a new mineral. Zap. Vses. Mineral. Obshch., 111, 480–485 (in Russian). (2) (1983) Amer. Mineral., 68, 645 (abs. ref. 1).