Vozhminite $(\text{Ni}, \text{Co})_4(\text{As}, \text{Sb})\text{S}_2$


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:

\[
\begin{array}{ll}
\text{Ni} & 52.7 \\
\text{Co} & 5.56 \\
\text{Fe} & 0.05 \\
\text{As} & 13.1 \\
\text{Sb} & 11.3 \\
\text{S} & 16.8 \\
\hline
\text{Total} & 99.51
\end{array}
\]

(1) Vozhmin massif, Russia; by electron microprobe, average of 22 points on 2 samples, corresponding to $(\text{Ni}_{3.43}\text{Co}_{0.36})_\Sigma=3.79(\text{As}_{0.67}\text{Sb}_{0.35})_\Sigma=1.02\text{S}_2.00$

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.