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Crystal Data: Orthorhombic, pseudohexagonal. *Point Group:* n.d. As fibrous crystals, in incrustations.

Physical Properties: Hardness = 1 D(meas.) = 3.450(5) D(calc.) = 3.59

Optical Properties: Semitransparent. Color: Bright orange. Luster: Resinous to silky. Optical Class: Biaxial (–). Pleochroism: Strong; X = pale yellow; Y = pale brown; Z = rose-brown. $\alpha = 1.820(3)$ $\beta = 1.920(3)$ $\gamma = 1.955(3)$ $2V(\text{meas.}) = \sim 30^{\circ}$

Cell Data: Space Group: n.d. a = 21.80 b = 12.64 c = 8.40 Z = 10

X-ray Powder Pattern: Khovu-Aksy deposit, Russia. 8.40 (10), 11.2 (9), 4.66 (9), 6.55 (8), 3.31 (4), 3.20 (4), 3.135 (4)

Chemistry:

	(1)
Fe_2O_3	16.7
As_2O_3	61.5
FeO	5.6
MgO	0.7
CaO	5.1
$\rm H_2O$	12.2
Total	101.8

(1) Khovu-Aksy deposit, Russia; average of two analyses, absence of arsenate and arsenite and presence of H_2O shown by IR; corresponding to $(Ca_{0.44}Fe_{0.38}^{2+}Mg_{0.09})_{\Sigma=0.91}Fe_{1.02}^{3+}As_{3.04}^{3+}O_7 \cdot 3.32H_2O$.

Occurrence: In the oxidation zone of a metallic ore deposit.

Association: Annabergite, skutterudite, löllingite.

Distribution: From the Khovu-Aksy Ni–Co deposit, Tuva, Siberia, Russia.

Name: Honors Academician Evgenii Konstantinovich Lazarenko (1912–1979), mineralogist, Lvov University, Lvov, Ukraine.

Type Material: Mining Institute, St. Petersburg, 1263/1; A.E. Fersman Mineralogical Museum, Academy of Sciences, Moscow, Russia, 81172.

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