

Crystal Data: Cubic. *Point Group:* $4/m\bar{3}2/m$. As growth zones or irregular grains < 10 μm.

Physical Properties: *Cleavage:* None. *Fracture:* Irregular. *Tenacity:* Brittle. *Hardness* = n.d. *D(meas.)* = n.d. *D(calc.)* = 3.654

Optical Properties: Transparent. *Color:* Light brown to yellow. *Streak:* Creamy white.
Luster: Vitreous.
Optical Class: n.d.

Cell Data: *Space Group:* $Ia\bar{3}d$. $a = 12.255(1)$ $Z = 8$

X-ray Powder Pattern: Wiluy River, Sakha-Yakutia Republic, Russia. (calculated pattern)
2.740 (100), 1.638 (82), 3.064 (69), 2.502 (68), 1.670 (30), 1.119 (29), 1.370 (20)

Chemistry:	(1)
SiO ₂	29.39
TiO ₂	7.17
ZrO ₂	5.28
HfO ₂	0.14
Al ₂ O ₃	3.15
Sc ₂ O ₃	10.67
Y ₂ O ₃	0.20
V ₂ O ₃	0.14
Cr ₂ O ₃	1.05
Fe ₂ O ₃	8.48
FeO	0.50
MnO	0.01
CaO	33.19
<u>MgO</u>	<u>0.95</u>
Total	100.31

(1) Wiluy River, Sakha-Yakutia Republic, Russia; average of 8 electron microprobe analyses, corresponding to (Ca_{2.98}Y_{0.01}Mg_{0.01})_{Σ=3.00}(Sc_{0.82}Ti_{0.44}Fe_{0.30}Zr_{0.21}Mg_{0.10}Al_{0.09}Cr_{0.08}Fe_{0.05}V_{0.01})_{Σ=2.01}(Si_{2.48}Al_{0.30}Fe_{0.22})_{Σ=3.00}O₁₂.

Mineral Group: Garnet group.

Polymorphism & Series: Continuous solid solution series with andradite, uvarovite, goldmanite.

Occurrence: An accessory mineral in metasomatic rodingite-like rocks; it forms regular growth zones and irregular spots in complex garnet crystals.

Association: Grossular, vesuvianite, serpentine, melilite-group minerals, kimzeyite.

Distribution: Wiluy River, Sakha-Yakutia Republic, Russia.

Name: For the Eringa River, the tributary of the Wiluy River directly across from where the first specimens were collected.

Type Material: A.E. Fersman Mineralogical Museum, Academy of Sciences, Moscow, Russia (3837/1).

References: (1) Gałuskina, I.O., E.V. Gałuskin, B. Lazic, T. Armbruster, P. DzierżAnowski, K. Prusik, and R. Wrzalik (2010) Eringaite, Ca₃Sc₂(SiO₄)₃, a new mineral of the garnet group. *Mineralogical Magazine*, 74, 365-373. (2) (2014) *Amer. Mineral.*, 99, 552 (abs. ref. 1).