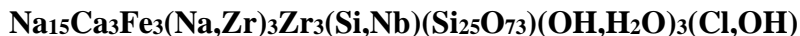


Raslakite**Crystal Data:** Hexagonal. *Point Group:* 3. As equant grains to 3 cm.**Physical Properties:** *Cleavage:* None. *Fracture:* Conchoidal. *Tenacity:* Brittle. Hardness = 5 D(meas.) = 2.95(1) D(calc.) = 2.945**Optical Properties:** Transparent. *Color:* Brownish red. *Streak:* White. *Luster:* Vitreous. *Optical Class:* Uniaxial (+). $\omega = 1.608(1)$ $\varepsilon = 1.611(1)$ **Cell Data:** *Space Group:* R3. $a = 14.229(7)$ $c = 30.019(15)$ $Z = 3$ **X-ray Powder Pattern:** Mt. Kedykverpakhk, Lovozero alkaline massif, Kola Peninsula, Russia. 2.853 (100), 2.974 (86), 4.311 (66), 3.209 (58), 3.023 (40), 4.095 (37), 5.72 (35)

Chemistry:	(1)		(1)
Na ₂ O	15.97	Nd ₂ O ₃	0.42
K ₂ O	0.48	SiO ₂	49.10
CaO	5.64	TiO ₂	0.37
SrO	0.69	ZrO ₂	15.07
MgO	0.28	HfO ₂	0.43
MnO	2.01	Nb ₂ O ₅	0.71
FeO	5.02	Cl	1.34
Al ₂ O ₃	0.26	H ₂ O	1.35
La ₂ O ₃	0.44	<u>- O = Cl</u>	<u>0.30</u>
Ce ₂ O ₃	0.87	Total	100.15

(1) Mt. Kedykverpakhk, Lovozero alkaline massif, Kola Peninsula, Russia; average of electron microprobe analyses supplemented by IR spectroscopy, H₂O by TGA; corresponding to Na_{16.02}K_{0.32}Ca_{3.13}Sr_{0.21}Mg_{0.22}Fe_{2.17}Mn_{0.88}Ce_{0.16}La_{0.08}Nd_{0.08}Ti_{0.14}Zr_{3.80}Hf_{0.06}Nb_{0.17}Al_{0.16}Si_{25.40}Cl_{1.18}H_{4.66}O_{76.465}.

Mineral Group: Eudialyte group.**Occurrence:** In an agpaitic pegmatite in an alkaline igneous complex.**Association:** Microcline, aegirine, nepheline, lamprophyllite, kazakovite, terskite, fluorcaphite.**Distribution:** At Mt. Kedykverpakhk, Lovozero alkaline massif, Kola Peninsula, Russia.**Name:** For the *Raslak* cirque, which is nearby the type locality.**Type Material:** A.E. Fersman Mineralogical Museum, Russian Academy of Sciences, Moscow, Russia.

References: (1) Chukanov, N.V., I.V. Pekov, A.E. Zadov, V.V. Korovushkin, I.A. Ekimenkova, and R.K. Rastsvetaeva (2003) Ikranite, (Na,H₃O)₁₅(Ca,Mn,REE)₆Fe³⁺₂Zr₃(□,Zr)(□,Si)Si₂₄O₆₆(O,OH)₆Cl•nH₂O and raslakite Na₁₅Ca₃Fe₃(Na,Zr)₃Zr₃(Si,Nb)(Si₂₅O₇₃)(OH,H₂O)₃(Cl,OH) - new eudialyte-group minerals from the Lovozero massif, Kola Peninsula. Zapiski Vseross. Mineral. Obsch., 132(5), 22-33 (in Russian, English abs.). (2) (2004) Amer. Mineral., 89, 1827-1828 (abs. ref. 1).