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**Crystal Data:** Metamict. *Point Group:* n.d. Massive; originally stated to occur in crystals resembling samarskite.

**Physical Properties:** Fracture: Conchoidal. Tenacity: Brittle. Hardness = 5 D(meas.) = 4.6 D(calc.) = n.d. Slightly radioactive.

**Optical Properties:** Opaque, transparent in thin fragments. *Color:* Black; greenish yellow in transmitted light. *Streak:* Greenish gray. *Luster:* Submetallic. *Optical Class:* Isotropic. n = 2.06

Cell Data: Space Group: n.d. Z = n.d.

X-ray Powder Pattern: n.d.

Chemistry:

	(1)
$Ta_2O_5$	47.0
$\operatorname{ZrO}_2$	20.0
$(Y, Er)_2O_3$	10.0
$(Ce, La)_2O_3$	3.0
$Fe_2O_3$	4.0
CaO	3.3
LOI	8.15
Total	95.45

(1) Impilakhti, Russia; partial analysis, corresponds to  $[(Y_{0.47}Ca_{0.31}Fe_{0.29}Ce_{0.10})_{\Sigma=1.17} (Ta_{1.13}Zr_{0.86})_{\Sigma=1.99}O_6].$ 

Occurrence: In pegmatite.

Association: Intermixed with other oxides, monazite.

Distribution: From Impilakhti, Pitkäranta district, Lake Ladoga, Karelia, Russia.

**Name:** For Apollonie Mikhailovich Loranski (1847–?), Inspector of the Mining Institute, St. Petersburg, Russia.

**References:** (1) Palache, C., H. Berman, and C. Frondel (1944) Dana's system of mineralogy, (7th edition), v. I, 767. (2) Fauquier, D. (1960) Sur la "wiikite" et la "loranskite". Compt. Rendus Acad. Sci. Paris, 250, 3032–3034 (in French).