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Crystal Data: Monoclinic. *Point Group:* 2/m. As lathlike to irregular inclusions, to 0.3 mm, in tantalian cassiterite. *Twinning:* Polysynthetic on $\{100\}$.

Physical Properties: Fracture: Irregular. Tenacity: Brittle. Hardness = 5.5 D(meas.) = n.d. D(calc.) = 7.02

Optical Properties: Transparent to translucent. *Color:* Dark brown to black. *Streak:* Dark brown. *Luster:* Vitreous.

Optical Class: Biaxial. $\alpha = > 2.0$ $\beta = > 2.0$ $\gamma = > 2.0$ 2V(meas.) = n.d. Anisotropism: Noted.

Cell Data: Space Group: C2/c. a = 9.415(7) b = 11.442(6) c = 5.103(4) $\beta = 90.8(1)^{\circ}$ Z = 4

X-ray Powder Pattern: Near Sukula, Finland. 2.97 (100), 4.16 (50), 2.493 (40), 2.55 (30), 1.455 (30), 3.64 (20), 2.86 (20)

Chemistry:

	(1)	(2)
$\mathrm{Nb_2O_5}$	14.8	
${ m TiO}_2$	4.3	
SnO_2	10.1	22.68
Fe_2O_3	1.9	
${ m Ta_2O_5}$	56.3	66.51
FeO	9.3	10.81
MnO	2.8	
Total	[99.5]	100.00

(1) Near Sukula, Finland; by electron microprobe, average of two analyses, original total given as 99.4%; Fe²⁺:Fe³⁺ calculated from stoichiometry; corresponds to $(Fe^{2+}_{0.76}Mn_{0.23})_{\Sigma=0.99}(Sn_{0.40}Ti_{0.32}Ta_{0.15}Fe^{3+}_{0.14})_{\Sigma=1.01}(Ta_{1.34}Nb_{0.66})_{\Sigma=2.00}O_8$. (2) FeSnTa₂O₈.

Mineral Group: Wodginite group: $Fe^{2+} > 0.5$; $Ti_B \le 0.5$; $Fe_B^{3+} \le 0.25$.

Occurrence: In museum specimens from a granite pegmatite.

Association: Tantalian cassiterite, tapiolite, bismuth, stannomicrolite.

Distribution: Near Sukula, Tammela, Finland, the exact locality now lost.

Name: For its content of FERROus iron and its relation to wodginite.

Type Material: R.B Ferguson Museum of Mineralogy, University of Manitoba, Winnipeg, Canada.

References: (1) Ercit, T.S., P. Černý, and F.C. Hawthorne (1992) The wodginite group. III. Classification and new species. Can. Mineral., 30, 633–638. (2) (1993) Amer. Mineral., 78, 848 (abs. ref. 1).