

Sample no.	Rex 74Z						
	Abundance	Distribution & Remarks	Size (voids) or thickness (laminae) in mm	Mineralogy	Abundance	Size (mm)	Shape
Matrix	49%	Fine-grained.		Braunite	xxx	0.004	Anhedral
				Microspar [Kutnahorite]	xxxx	0.008	Anhedral
				Hematite	xx	0.005	Euhedral
				Todorokite	xx	0.002-0.004	Anhedral
Ovoids	40%	Unevenly; Ellipsoidal to flattened ovoids of small to medium size consist mainly of microspar with inclusions of braunite, hematite, todorokite and cryptomelane. A few ovoids are totally replaced by todorokite, braunite and hematite.	2.0x1.0 0.6x0.35 0.7x0.35	Braunite	x	0.006	Euhedral
				Microspar [Calcite]	xxxx	0.008	Anhedral
				Hematite	x	0.004	Euhedral to subhedral
				R.Hematite	x	0.02	Anhedral
				Hausmannite	x	0.02	Anhedral
				Todorokite		0.008	Euhedral to subhedral
				Cryptomelane		0.008	Euhedral to subhedral
Laminae	10%	Finely laminated and laminae consist mainly of microspar with todorokite, cryptomelane, braunite and hematite inclusions.		Braunite	xxx	0.0014	Anhedral
				Microspar [Calcite]	xxxx	0.005	Anhedral
				Hematite	x	0.0014	Anhedral
				Todorokite	x	0.0014	Anhedral
				Cryptomelane	x	0.0014	Anhedral
Other	1%	Cross-cutting todorokite veins with mineral inclusions.	0.1-0.55	Jacobsite	x	0.006	Euhedral
				Todorokite	xxxx	0.001-0.0115	Needles

xxxx - Dominant (>50%); xxx - Major (20-50%); xx - Minor (5-20%); x - Trace (<5%)