

Sample no.	Rex 24N						
	Abundance	Distribution & Remarks	Size (ovoids) or thickness (laminae) in mm	Mineralogy	Abundance	Size (mm)	Shape
<b>Matrix</b>	43%	Very fine-grained and finely interspersed with oval-shaped microspar.		Braunite	xxxx	0.005	Anhedral
				Microspar [Kutnahorite and mangano-calcite]	xxx	0.005-0.01	Anhedral
				Hematite	xx	0.005	Anhedral
<b>Ovoids</b>	30%	Evenly; Ellipsoidal ovoids of small size consist mainly of microspar. Some ovoids are zoned with a core consisting of microscopically intergrown braunite, todorokite and jacobsite and a rim of microspar.	0.4x0.22 0.4x0.18 0.5x0.25				
				Braunite	x	0.005	Anhedral
				Microspar [mangano-calcite]	xxxx	0.008	Anhedral
				Hematite	x	0.001	Anhedral
				Hausmannite	x	0.05	Anhedral
				Jacobsite	x	<0.001	Anhedral
				Todorokite	x	0.001	Needles
<b>Laminae</b>	10%	Unevenly; Laminae consists mainly of interspersed hausmannite and jacobsite with todorokite and micrite inclusions and are more lens-like in shape.	0.45	Micrite [Kutnahorite and calcite]	xx	0.003	Anhedral
		A few thin lenses are also present.	0.35	Hausmannite	xxxx	0.01	Anhedral
				Jacobsite	xx	0.004	Anhedral
				Todorokite	x	0.003	Anhedral
<b>Other</b>		The zone is thickly laminated.					
	1%	Unevenly; Cross-cutting pseudospar veins.	0.015	Pseudospar [Calcite]	xxxx	0.01	Anhedral

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



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Other	1%	Unevenly; Cross-cutting veins consisting of microscopically intergrown todorokite and cryptomelane with pyrolusite accretions (0.1mm).	0.15				
				Cryptomelane	xxxx	0.001	Anhedral
				Todorokite	xxxx	0.001	Anhedral
				Pyrolusite	xx	0.001	Anhedral
	15%	Porosity	0.01				

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

