

Sample no.	Rex 74X1						
	Abundance	Distribution & Remarks	Size (voids) or thickness (laminae) in mm	Mineralogy	Abundance	Size (mm)	Shape
<b>Matrix</b>	58%	Finely interspersed. Todorokite and serpentine are microscopically intergrown.		Hematite Todorokite Serpentine	xx xxx xxx	0.002 0.004 0.011 0.0075	Anhedral Subhedral Needles Anhedral
<b>Ovoids</b>	30%	Unevenly; Ellipsoidal to irregular ovoids are zoned with a todorokite rim with hematite inclusions and a core of a serpentine mineral with todorokite and hematite inclusions.	0.9x0.25 0.7x0.37	Todorokite Hematite Serpentine Braunite	x x xxx x	0.0042-0.0073 0.005 0.005 0.0015	Anhedral Anhedral Anhedral Anhedral
		A few ovoids are also zoned with a rim of serpentine with inclusions of big todorokite needles (0.011mm) and a core of todorokite. The core is surrounded by microscopically intergrown todorokite and serpentine.	0.9x0.25 0.7x0.37	Todorokite Serpentine	xxx xxx	<0.001 0.005	Anhedral Anhedral
<b>Laminae and lenses</b>	10%	Unevenly; The zone is finely laminated and laminae are remnants of the original carbonate laminae. Laminae are zoned with a rim of hematite with todorokite inclusions and a core of todorokite with hematite inclusions.	0.3-0.35	Hematite Todorokite	xxx xxx	0.005 0.0042	Anhedral Anhedral
		Lenses are also zoned with a serpentine core with todorokite and braunite inclusions and a hematite rim with todorokite inclusions.	0.3-0.035	Todorokite Hematite Braunite Serpentine	xx xx xx xxx	0.0042-0/0073 0.005 0.0015	Anhedral Anhedral Anhedral
<b>Other</b>	1%	Todorokite cross-cutting veins.	0.01		xxxx		
	1%	Unevenly; A few serpentine stylolites can also be observed in the matrix.	0.01		xxxx		

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