

Sample no.	Rex 44Y						
	Abundance	Distribution & Remarks	Size (ovoids) or thickness (laminae) in mm	Mineralogy	Abundance	Size (mm)	Shape
Matrix	60%	Fine grained		Braunite	xx	0.002-0.004	Anhedral
				Micrite [Kutnahorite]	xxxx	0.001-0.002	Anhedral
				Hematite	xx	0.002	Anhedral
Ovoids	30%	Evenly; Ovoids are zoned with an orange coloured micrite [kutnahorite] core and a rim of black micrite [kutnahorite]. Some ovoids show replacement by hausmannite. Ovoids have mineral inclusions.	0.5x0.3				
				Micrite [Calcite]	xxxx	0.003-0.005	Anhedral
				Hematite	x	0.001-0.002	Anhedral
				R.Hematite	x	0.012-0.016	Anhedral
				Hausmannite	x	0.02	Anhedral
Laminae and lenses	7%	Unevenly; Finely laminated and consist mainly of micrite [kutnahorite] (0.002mm)] and and have mineral inclusions. The apatite inclusions are found in the hausmannite in the laminae.	0.17				
				Braunite	x	0.008	Anhedral
				Micrite [Kutnahorite]	xxxx	0.002	Anhedral
				Hausmannite	xx	0.05	Euhedral
				Hematite	x	0.02	Anhedral
Other	3%	Finely laminated with continuous laminae and lenses and small pink ovoids.					
		Unevenly; Hausmannite accretions with inclusions of barite can be observed in the matrix.	0.06x0.03	Hausmannite	xxxx		
		Cross-cutting veins	0.15-0.2	Micrite [Calcite]	xxxx	0.002	

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

