

Sample no.	Rex 71B						
	Abundance	Distribution & Remarks	Size (ovoids) or thickness (laminae) in mm	Mineralogy	Abundance	Size (mm)	Shape
Matrix	44%	Very fine-grained and finely interspersed with oval-shaped coarser grained pseudospar.		Braunite	xxx	<0.001	Anhedral
				Pseudospar [Kutnahorite, mangano-calcite and calcite]	xxx	0.002	Anhedral
				Hematite	x	<0.001	Anhedral
Ovoids	30%	Evenly; Ellipsoidal ovoids of small size consist mainly of pseudospar [Kutnahorite and mangano-calcite]. Ovoids have mineral inclusions and the hematite inclusions occur in the braunite and are finely intergrown with the braunite.	0.7x0.35 0.72x0.25 0.25x0.15	Braunite	xx	0.01	Anhedral
				Pseudospar [Kutnahorite, mangano-calcite and calcite]	xxx	0.01-0.02	Anhedral
				Hematite	xx	0.001-0.003	Anhedral
Laminae	15%	Unevenly; Laminae consists mainly of pseudospar with mineral inclusions and are more lens-like in shape.	0.13 0.25 0.42	Braunite	xx	0.01	Anhedral
				Pseudospar [Kutnahorite, mangano-calcite and calcite]	xxxx	0.01-0.02	Anhedral
				Hematite	xx	0.001-0.003	Anhedral
Other		The zone is finely laminated.					
	1%	Stylolites in matrix consist of microscopically intergrown hausmannite and braunite.	0.02	Hausmannite		0.0038	Anhedral
				Braunite		0.003	Anhedral
	1%	Stylolites in matrix consist of jacobsite with meandering jacobsite veinlets developing perpendicular to the stylolite. Thus, stylolites and the meandering veinlets formed prior to final compaction. Jacobsite is finely interspersed with barite.	0.022	Jacobsite	xxxx	0.01	Anhedral
				Barite	x	0.0028	Anhedral
	4%	Porosity	0.01				
	5%	Irregular hausmannite accretions with apatite inclusions are also present in the matrix.	0.062	Hausmannite	xxxx		
				Apatite	x	0.0035	Anhedral

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