

| Sample no.     | Rex 70C1  |   |  |  |           |             |                       |
|----------------|-----------|---|--|--|-----------|-------------|-----------------------|
|                | Abundance | Distribution & Remarks  | Size (ovoids) or thickness (laminae) in mm | Mineralogy                                   | Abundance | Size (mm)   | Shape                 |
| <b>Matrix</b>  | 50%       | Fine grained and very finely interspersed. Hematite inclusions occur in the braunite and are very finely intergrown with the braunite.  |  | Braunite                                     | xxxx      | 0.004       | Anhedral to subhedral |
|                |           |   |  | Pseudospar [Kutnahorite and mangano-calcite] | xxx       | 0.01        | Anhedral              |
|                |           |   |  | Hematite                                     | xx        | 0.001       | Anhedral              |
| <b>Ovoids</b>  | 30%       | Unevenly; Accretions of ellipsoidal and irregular ovoids in cloud structures give the zone a white banded (2mm) appearance. There is an abundance of pink ovoids present in this zone. Ovoids consist mainly of microspar have mineral inclusions. Hematite inclusions occur in the braunite and are finely intergrown with the braunite. | 0.85x0.4<br>1.2x0.3<br>1.14x0.7            | Braunite                                     | x         | 0.01        | Anhedral              |
|                |           |   |  | Microspar [Kutnahorite and mangano-calcite]  | xxxx      | 0.005       | Anhedral              |
|                |           |   |  | Hematite                                     | x         | 0.001-0.005 | Anhedral              |
|                |           |   |  | Hausmannite                                  | x         | 0.01        | Anhedral              |
| <b>Laminae</b> | 10%       | Unevenly; Finely laminated and zoned with a microspar core with mineral inclusions and a rim of hausmannite. Thin hausmannite laminae (0.2mm) are also present.   | 0.75                                       | Braunite                                     | x         | 0.0075      | Anhedral              |
|                |           | Lenses consist mainly of pseudospar.  |  | Pseudospar [Kutnahorite and mangano-calcite] | xxxx      | 0.02-0.03   | Anhedral              |
|                |           |   | 0.6  | Microspar [Mangano-calcite]                  | xxxx      | 0.005-0.01  | Anhedral              |
|                |           |   |  | Hausmannite                                  | xx        | 0.008       | Anhedral              |
|                |           |   |  | Hematite                                     | x         | 0.0075-0.01 | Anhedral              |
| <b>Other</b>   |           | The zone has a banded appearance  | 2  |  |           |             |                       |
|                | 5-10%     | Porosity  | 0.02-0.03                                  |  |           |             |                       |

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