Aeromagnetic Data Interpretation for the McDougal Lakes Area, Duluth Complex
Lake County, Minnesota

Description of Map Units

- **ts:** Weakly magnetized, dominantly troctolitic rocks of the South Kawishiwi Intrusion (SKI).
- **ts1:** Moderately magnetized rocks in a zone that occurs along the southeast margin of the SKI.
- **tb1:** Moderately magnetized, relatively low density troctolitic rocks occurring along the western side of the Bald Eagle Intrusion (BEI).
- **tb2:** Weakly magnetized, relatively dense troctolitic rocks occurring along the eastern side of the BEI. This unit appears to become especially dense, south of the BEI.
- **gb:** Weekly magnetized, relatively dense gabbroic rocks which form the core of the BEI.
- **t:** Rocks of a weakly magnetized zone that occurs throughout much of the study area. A small number of outcrops indicate that these rocks are troctolitic.
- **a:** Weakly magnetized, relatively low density anorthositic rocks.
  - **a1:** Moderately magnetized zone, probably occurring within anorthositic rocks of unit a.
- **tau:** Weakly magnetized, undivided troctolitic and anorthositic rocks.
- **otg:** Oxide-rich troctolitic and gabbroic rocks. These rocks are divided into three subunits based on magnetization intensity.
  - **otg1:** Moderately magnetized.
  - **otg2:** Strongly magnetized.
  - **otg3:** Very strongly magnetized. An asterisk is used to denote the more strongly magnetized of two otg3 units.
- **g:** Weekly magnetized, granophyric rocks.

Explanation

- Contact
- Dip of contact or layering
- Depth of magnetic source (meters)
- Isolated set of parameter estimates
- Fault
- Drill hole