**EXPLANATION**

- Magnetic surface-flush (total intensity magnetic field of the earth) data was obtained using a magnetometric survey system.
- Plot locations were in South Carolina and Georgia.
- Exposed Precambrian basement rocks, with drilled, supplemented logs.
- Flight position (total intensity magnetic field).
- Contact between quartite/sandstone layers in the vicinity of the area.
- Faults: short dashed lines show inferred.

**SUMMARY OF RESULTS**

- Ultramafic rocks observed on aeromagnetic surveys.
- Total intensity magnetic field data was obtained at various locations.
- Gravity data was also collected.

**INTERPRETATION**

A series of linear magnetic anomalies along a northwest-southeast strike, which may be related to Tertiary intrusive activity, was observed. The anomalies are associated with known intrusive bodies and may represent extensional features. The magnetic anomalies are interpreted as possible feeder dikes for subsequent intrusive activity. The interpretation is consistent with the aeromagnetic data and gravity maps, which show a similar trend.

**ACKNOWLEDGMENTS**

The authors thank G. A. Reynolds for access to unpublished field information concerning the Tertiary intrusive activity.

**REFERENCE CITED**