

It is noted from the regional magnetic interpretation that the Savage River magnetite deposits are located on the keel of a possible synclinal structure, which has been uplifted along the Cleveland Gravity Lineament by a major tectonic event associated with the emplacement of the Meredith Granite. This interpretation should be reviewed and compared to any recent mapping of the area.

The initial aeromagnetic survey (Eadie 1970) did not adequately cover the mineralised formations in this area. The recent coverage has located the large amplitude anomaly over Savage River plus the smaller anomalies to the south coincident with the Long Plains mineralisation and the Rocky River Prospect. The new data has also defined a large amplitude anomaly, similar to the response over Savage River extending south from Long Plains which is probably associated with the Rocky River amphibolite. The recent aeromagnetic survey has indicated that the anomaly at Savage River is more extensive than previously mapped and can now be traced for a distance of 9 kilometres to the north of the mine.