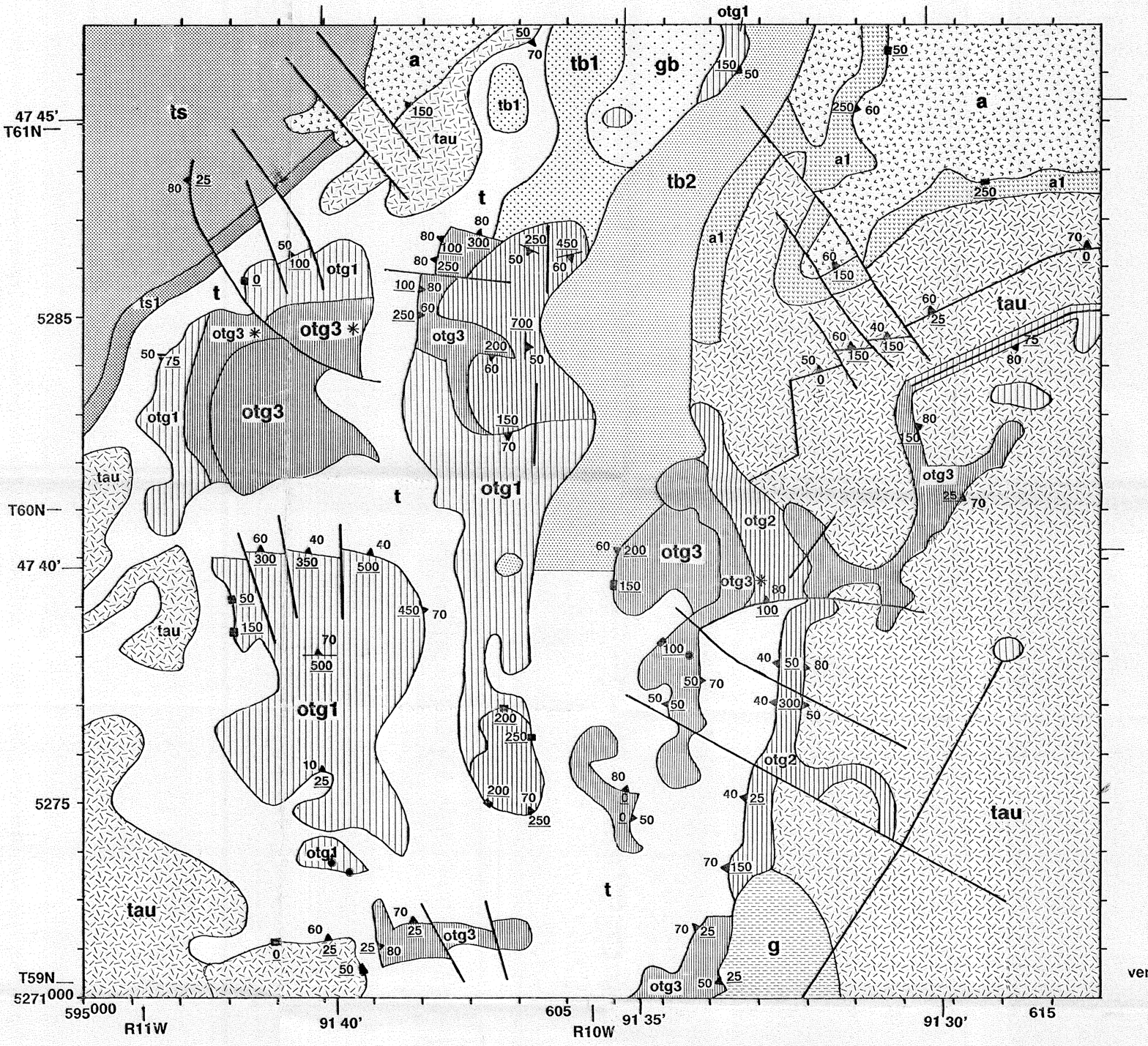
PLATE 3
REPORT 290

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:	Weakly 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:	Weakly magnetized, granophyric rocks.

N

Explanation

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

vertical dip

SCALE 1:62500

1 0 1 2 3 4 MILES

3000 0 3000 6000 9000 12000 15000 18000 21000 FEET

1 0 1 2 3 4 5 KILOMETERS

The Minnesota Department of Natural Resources

1989

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