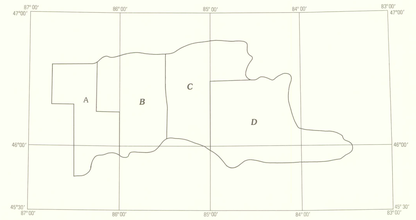
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
MICHIGAN DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY DIVISION

GEOPHYSICAL INVESTIGATIONS
MAP GP–947



INDEX MAP SHOWING AREAS SURVEYED

Map was compiled in 1980 from surveys flown for the U.S. Geological Survey under contract in 1978 and 1979. Flight altitude was 500 feet. The direction and spacing of flight lines are listed below

A North-South, 1 mile
B North-South, 2 miles
C East-West, 2 miles
D North-South, 1 mile

EXPLANATION

MAXIMUM INTENSITY
3,200
2,000
1,000
0
MINIMUM INTENSITY

Magnetic contours

Showing total intensity magnetic field of the earth in gammas relative to an arbitrary datum. Main magnetic field of the earth from Fabiano and Peddie (1969) has been removed. Contour interval 10, 50, 100, and 1,000 gammas.

REFERENCE CITED

Fabiano, E. B., and Peddie, N. W., 1969, Grid values of total magnetic intensity, IGRF–1965: U.S. ESSA Technical Report C. and G.S. 38, 55 p.

LAKE SUPERIOR
CANADA
UNITED STATES
ONTARIO
MICHIGAN
WHITEFISH BAY
SUGAR ISLAND
NEEBISH ISLAND
ST. JOSEPH ISLAND
DRUMMOND ISLAND
COCKBURN ISLAND
MANISTIQUE LAKE
LITTLE BREVOORT LAKE
LAKE MICHIGAN
LAKE HURON
BOIS BLANC ISLAND
BEAVER ISLAND

SCALE 1:250 000
5 0 5 10 15 20 25 MILES
5 0 5 10 15 20 25 30 35 KILOMETERS
UNIVERSAL TRANSVERSE MERCATOR PROJECTION

AEROMAGNETIC MAP OF THE EASTERN PART OF THE NORTHERN PENINSULA OF MICHIGAN

By

W. F. Cannon and Anita E. Fenichel

1981

Base by U.S. Geological Survey

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