

INDEX MAP SHOWING SOURCES OF DATA

Total intensity aeromagnetic surveys

A. Detail surveys flown by U.S. Geological Survey at 500 ft above ground (Ziets and Kirby, 1971)

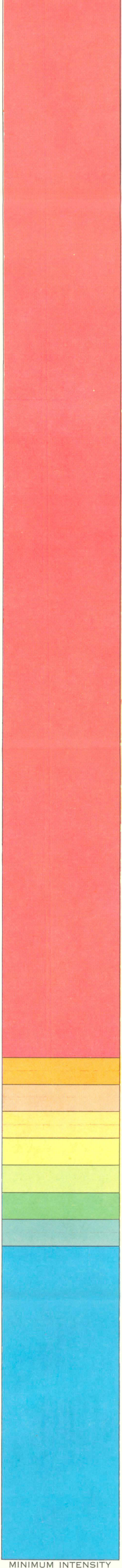
B. Detail surveys flown by U.S. Geological Survey at 500 feet above ground (U.S. Geol. Survey, 1970)

C. 3-mile-spaced traverses flown by Michigan State University at 3000 ft barometric (Hinze and others, 1972)

D. 6-mile-spaced traverses flown by Michigan State University at 3000 ft barometric (Hinze and others, 1966; N.W. O'Hara and W.Z. Hinze, written commun., 1966; Wald and Ostensio, 1966)

EXPLANATION

MAXIMUM INTENSITY



MAGNETIC CONTOURS

Showing total intensity magnetic field of the earth in gammas. Main magnetic field of the earth from Fahnst and Fodde (1969), has been removed. Contour interval for all areas is 100 gammas except area A which is 200, 1400, and 2000 gammas

REFERENCES CITED

Fahnst, E. R., and Fodde, N. W., 1969, Grid values of total magnetic intensity IGRF, 1965. U.S. ESSA Tech. Rept. 38, 55 p.

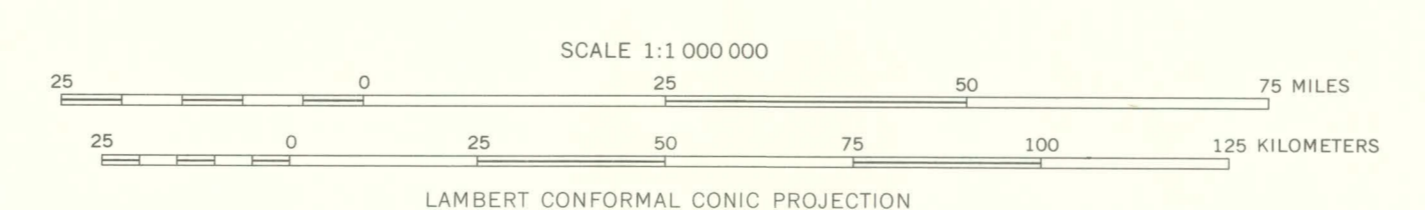
Hinze, W. J., Kellogg, R. L., and Merritt, D. W., 1970, Regional gravity and aeromagnetic anomaly maps of the southern peninsula of Michigan. Michigan Geol. Survey Rept. Inv. 14 (in press).

Hinze, W. J., O'Hara, N. W., Trow, J. W., and Seor, G. B., 1966, Aeromagnetic studies of eastern Lake Superior. Am. Geophys. Union Geophys. Mon. 10, p. 95-110.

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Wald, R. J., and Ostensio, N. A., 1966, Aeromagnetic, gravity, and sub-bottom profiling studies in western Lake Superior. Am. Geophys. Union Geophys. Mon. 10, p. 66-84.

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AEROMAGNETIC MAP OF MICHIGAN AND THE ADJACENT GREAT LAKES

By
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