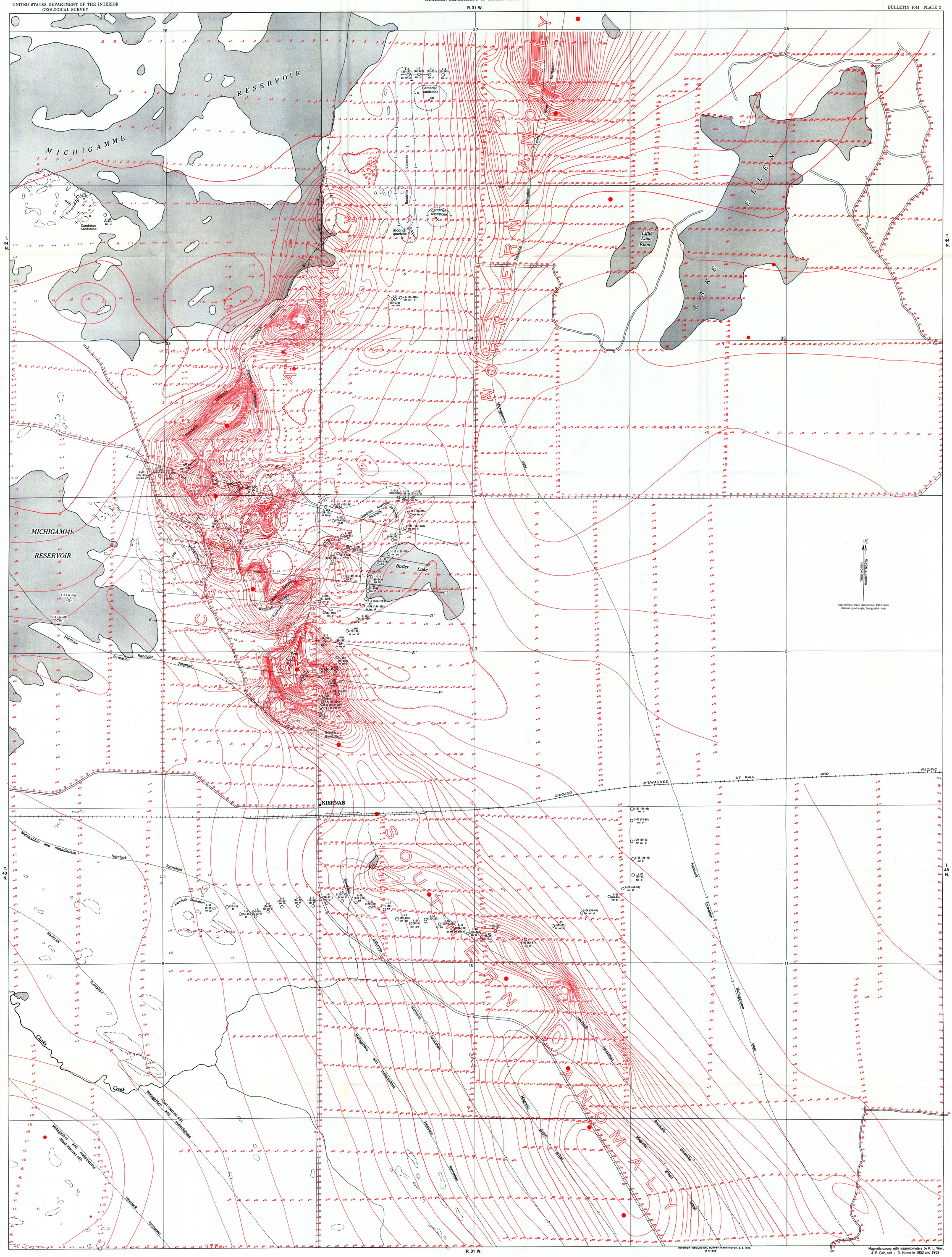
PREPARED IN COOPERATION WITH GEOLOGICAL SURVEY DIVISION,
MICHIGAN DEPARTMENT OF CONSERVATION



EXPLANATION

Magnetic determination
Value in tens of gammas of vertical intensity above or below an arbitrary magnetic datum. Zero value is approximately equal to 57,500 gammas absolute vertical intensity
Underlined numbers indicate that magnetic determination is not used in drawing contours, either because magnetic data is insufficient to accurately outline anomalies or gamma reading is believed caused by magnetic rock in glacial deposits

Magnetic contours
Contour interval is 100 gammas (1000 gammas where gradient is steep)

Closed contour around magnetic depression

Rock outcrop

Test pit

Crests of aeromagnetic anomalies
- Under 100 gammas
- 100 to 500 gammas
- Over 500 gammas

Vertical drill hole — Inclined drill hole

Shows number of hole, distance to bed rock and total length of hole in feet (in parentheses), and rock type at bedrock surface. Quotation marks indicate rock type is from mining company records

Approximate contact

Inferred contact
Queries indicate more doubtful position of contact

A——A′ Cross section shown on plate 3

LIST OF ABBREVIATIONS USED

ark	arkose
ch	chert or cherty
chl	chloritic
dol	dolomite or dolomitic
fel	felsite
fer	ferruginous
gr	greenstone
mg	metagabbro
ms	massive
ox	oxidized
qt	quartzite
qz	quartzitic
sch	schist
ser	sericitic
sl	slate
ss	sandstone

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. 1956
M R-1820

Magnetic survey with magnetometers by K. L. Wier, J. E. Gair, and J. D. Hume in 1952 and 1953

MAP SHOWING RELATIONSHIP OF MAGNETIC DATA TO GEOLOGY IN VICINITY OF MICHIGAMME MOUNTAIN, IRON COUNTY, MICHIGAN

600 0 3000 Feet