UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

R. 31 W.

88° 07′ 30″

46° 07′ 30″

T. 43 N.

13

14

23

24

26

25

EXPLANATION

2685
Magnetic determination
Departure in gammas of vertical intensity above or below zero base station NE 1/4 sec. 28, T. 43 N., R. 34 W.

1000 500
Magnetic contour
Contour interval 100 gammas, dashed where inferred. Isolated traverses not contoured

Closed contour around magnetic depression

Contact
Dashed where approximately located

Inferred contact

Outcrop of massive rock

Diamond-drill hole
May be vertical or inclined

Test pit

Less than 100 gammas

100–500 gammas

More than 1000 gammas

Crests of magnetic anomalies as determined by total intensity airborne magnetometer survey

1°
TRUE NORTH
MAGNETIC NORTH

IRON CO
DICKINSON CO

K. KIERNAN

SCHIST AND SLATE

DOLOMITE

VOLCANIC SCHISTS

TRAIL

HOLMES LAKE

IRON-FORMATION

DOLOMITE?

GRAYWACKE(?) QUARTZ-SERICITE-MAGNETITE SCHIST

GREENSTONE

SLATE

DOLOMITE

ARKOSE

VOLCANIC SCHISTS

HOLMES LAKE

MITCHELL LAKE

ANTICLINE

Parks Creek

LAKE SAGOLA QUADRANGLE
MARY QUADRANGLE

IRON-FORMATION

VOLCANIC SCHISTS

STATE 69

STATE 69 SAGOLA →

Base map from Lake Mary quadrangle 1:24,000, 1945 and Sagola quadrangle, 1:24,000, 1955

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. M R-3751

Surveyed by K. L. Wier and R. W. Bayley, 1951–1954

GEOLOGIC AND MAGNETIC MAP OF THE NORTHEASTERN PART OF THE LAKE MARY QUADRANGLE, IRON COUNTY, AND ADJACENT AREA IN DICKINSON COUNTY, MICHIGAN

500 0 3000 Feet