UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

PLATE 4

51-86

EXPLANATION

•540
Magnetic determination
Value in gammas of vertical intensity above or below arbitrary zero base
Surveyed with vertical-component Askania and Wolfson magnetometers

1000
900
Magnetic contours
Below 2000 gamma contour, contour interval is 200 gammas
Above 2000 gamma contour, contour interval is 1000 gammas
Contour of 500, 700, and 900 gamma value shown locally
(Contours in northwestern part of sec. 21 from magnetometer survey by North Range Mining Co.)

1000
Closed contour around magnetic depression

2000 to 3000 gammas

3000 to 4000 gammas

4000 to 5000 gammas

More than 5000 gammas

Outcrop

Drill hole

Test pit
(See plate 3 for description of rock encountered in outcrops, drill holes, and test pits)

RED ROCK MINE
Mine shaft

Plan of underground workings

Approximate regional value
True North
Magnetic North
Actual declination has wide range

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.

0 200 400 600 800 1000 1200 Feet
SCALE

CHICAGO ST PAUL AND PACIFIC MILWAUKEE

20 21 28 29

T. 45 N.

R. 33 W.

Surveyed by K. L. Wier and J. W. Bokman, 1950

MAGNETIC DATA IN THE RED ROCK AREA
IRON COUNTY, MICHIGAN