51-86

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

PLATE 5

EXPLANATION

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

2000
1000
Magnetic contours
Contour interval 1000 gammas
Contour of 1800, 2200, 2400, 2600 and 2800 gamma value shown locally
Contours dashed where inferred
Some isolated values not contoured

1000
Closed contour around magnetic depression

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

2000 to 3000 gammas

3000 to 4000 gammas

4000 to 5000 gammas

More than 5000 gammas

0 500 1000 1500 2000 2500 3000 Feet
SCALE

Outcrop

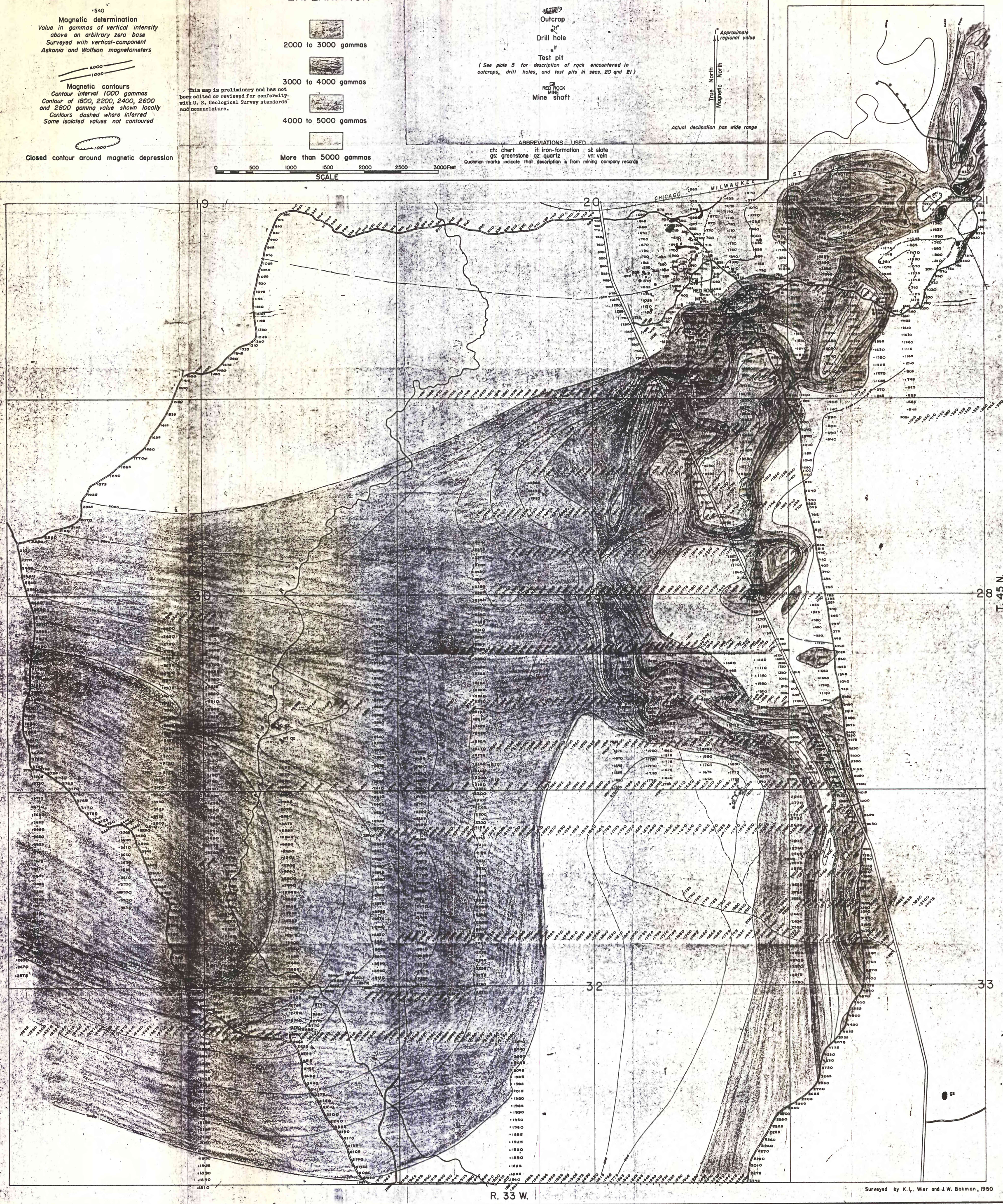
"if"
Drill hole

"if"
Test pit
(See plate 3 for description of rock encountered in outcrops, drill holes, and test pits in secs. 20 and 21)

RED ROCK MINE
Mine shaft

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

ABBREVIATIONS USED
ch: chert if: iron-formation sl: slate
gs: greenstone qz: quartz vn: vein
Quotation marks indicate that description is from mining company records



MAGNETIC DATA IN THE RED ROCK AREA AND VICINITY
IRON COUNTY, MICHIGAN