

EXPLANATION

.456 Departure, in gammas, of vertical magnetic intensity from base station in NE 1/4, Sec. 28, T.43N., R.34W.

200 Iso-anomaly contour. Interval: 200 gammas below 1000; 2000 and 5000 gamma lines also shown.

Closed contour around magnetic depression.

Outcrop of bedded rock.

Outcrop of non-bedded rock.

X Test pit.

Vertical drill hole; rock type at bedrock surface and depth of overburden in feet.

Inclined drill hole.

$\nearrow 40^\circ$ Strike and dip of beds.

\times Strike of vertical beds.

$\swarrow 60^\circ$ Strike and dip of cleavage.

$\searrow 40^\circ$ Strike of vertical cleavage.

\rightarrow Plunge of drag fold.

--- Swamp.

--- Fault.

--- Geologic contact.

Abbreviations used: bk - black, c - coarse, carb-carbonate (siderite), ch - chert or cherty, crump - crumpled, f - fine, fe - ferruginous, fw - footwall, gs - greenstone, gr - gray, graph - graphitic gw - graywacke, hem - hematite, if - iron formation, lam - laminated, m - massive, mag - magnetic, NB - not to bedrock, otc - outcrop, ox - oxidized, porc - porcellanite, pyr - pyritic, Qz - quartz, R - range, sec - section, sid - siderite or sideritic, sl - slaty or slate, T - township, unox - unoxidized, vc - very coarse.

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Geology mapped in 1947

GEOLOGIC AND MAGNETIC MAP OF THE STAGER IRON-BEARING AREA IRON COUNTY, MICHIGAN

SECS. 24, 25, AND 36, T.42N., R.33W., AND SEC. 31, T.42N., R.32W.

BY

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500 0 500 1000 2000 Feet

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