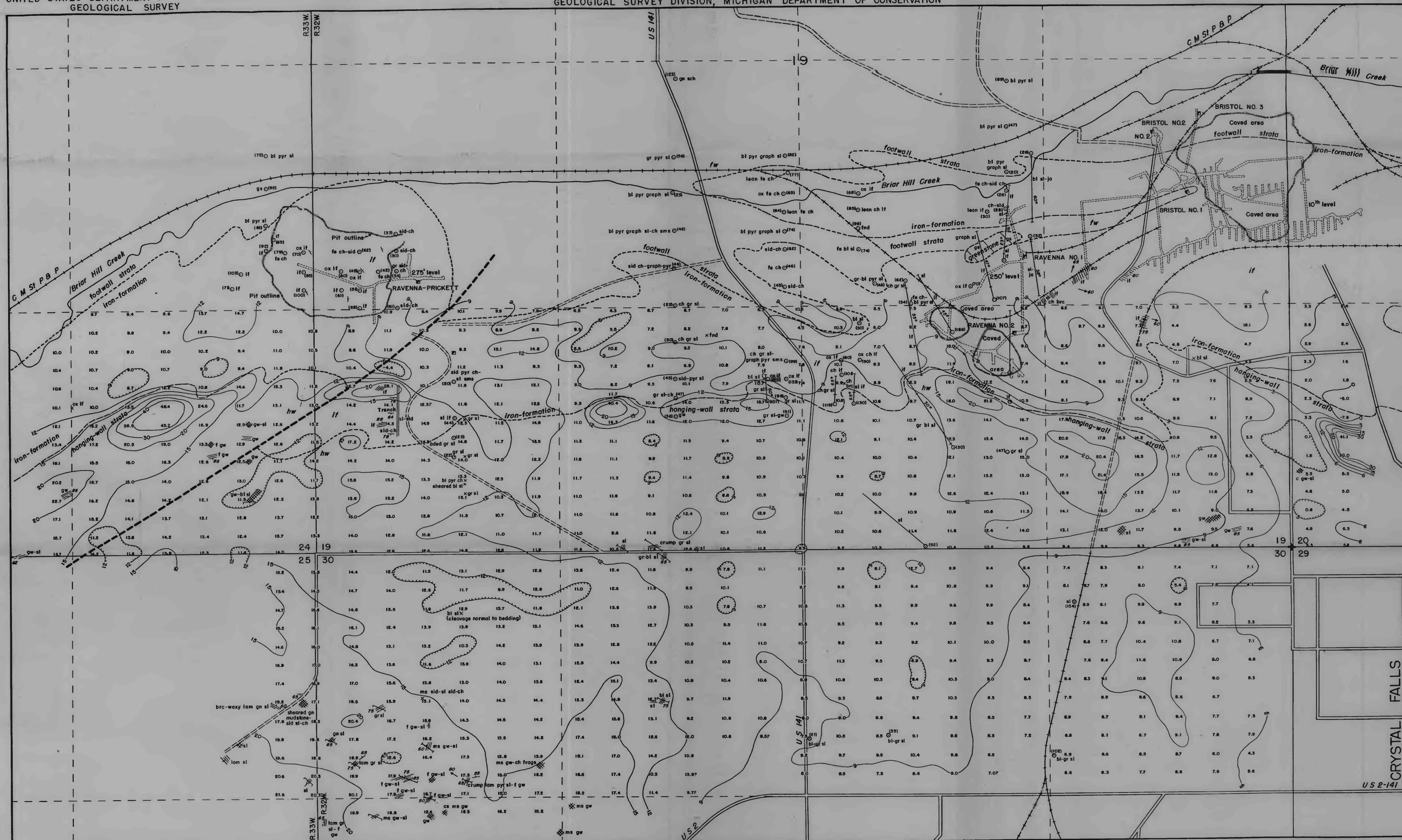




Age uncertain

Greenstone
Mainly altered basaltic intrusive rocks

Huronian

Hanging-wall strata
Mostly graywacke and slate

Iron-formation
Chert and siderite, or chert and hematite

Footwall strata
Mostly graphitic and gray slates

PRE-CAMBRIAN

Magnetic determination
Superdip readings in scale divisions above base station. Sigma $3\frac{1}{2}^\circ$ parallel to meridian

20

Isoanomaly contour
Drawn on 0, 3, 6, 9, 12, 15, 20, 30, and 40 scale divisions

Closed contour around magnetic depression

Geologic contact
Dashed where approximately located or inferred

Inferred fault

Bearing and plunge of drag fold

EXPLANATION

Outcrop of massive rock

Outcrop
Shows trend of beds

Strike and dip of beds

Strike of vertical beds

Strike and dip of cleavage

Strike of vertical cleavage

Mine shaft of surface

250' level

Mine workings

Caved area over mine workings or open pit

Test pit, bottomed in rock

Vertical drill hole
Shows depth to bedrock and rock type at bedrock surface

Inclined drill hole
Shows depth to bedrock and rock type at bedrock surface

Section corner recovered

NOTE: Attitude of bedding in Ravenna-Prickett Mine from map by C. F. Park, Jr., and J. R. Balsley, Jr.

ABBREVIATIONS

bbed:	banded	ic:	iron carbonate
bl:	black	if:	iron-formation
brc:	breccia	ja:	jasper
ch:	chert or cherty	lom:	limonite
cs:	coarse	lim:	limonite
crump:	crumpled	mag:	magnetic
fe:	ferruginous	ms:	massive
f:	fine	ox:	oxidized
frags:	fragments	phyl:	phyllite or phyllitic
gr:	gray	pyr:	pyritic
graph:	graphitic	qz:	quartz
grw:	graywacke	r:	red
gn:	green	sch:	schistose
gs:	greenstone	sl:	siderite or sideritic
hem:	hematite	sms:	slate or slaty seams

NOTE: Hyphen in rock description means either "with" or "and", as in gw-ch frags: graywacke with chert fragments gw-sl: graywacke and slate

TRUE NORTH
MAGNETIC NORTH

MAGNETIC AND GEOLOGIC DATA IN THE RAVENNA-BRISTOL AREA SECS. 19, 20, 29, 30, T.43N., R.32W. SECS. 24, 25, T.43N., R.33W. IRON COUNTY, MICHIGAN

400 0 400 800 1200 Feet