UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
GEOLOGICAL SURVEY DIVISION, MICHIGAN DEPARTMENT OF CONSERVATION
AND WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY

OPEN FILE MAP

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

EXPLANATION

UPPER PRECAMBRIAN
Keweenawan

db Diabase

gp Granite Pegmatite

di Diorite

md Metadiorite

mg Metagabbro

pc Peavy complex

MIDDLE PRECAMBRIAN
Animikie series
Baraga group
Paint River group

prf Fortune Lakes slate

prs Stambaugh formation

prh Hiawatha graywacke

prr Riverton iron-formation

prd Dunn Creek slate

bb Badwater greenstone

bd Michigamme slate

bf Fence River formation

ba Amasa formation

bhm Bird iron-formation member

bh Mansfield slate member

Hemlock formation

Goodrich quartzite

LOWER PRECAMBRIAN
Chocolay group
Menominee group

mv Vulcan iron-formation

mf Felch formation

cr Randville dolomite

css Saunders formation

Sturgeon quartzite

cf Fern Creek formation

gr Gneissic granite

gg Gray gneiss

Dickinson group 2/

dsm Six-Mile Lake amphibolite

dss Skunk Creek member

ds

Solberg schist

de East Branch arkose

dpg Pier Gorge schist member

dq

Quinnesec formation 2/

dh Hardwood gneiss 4/

dm greenstone

Margeson Creek gneiss 4/

Porphyritic red granite 5/

Granite gneiss

Greenstone 4/

1/ Undifferentiated Paint River group pru
2/ Undifferentiated Dickinson group du
3/ Probably in Dickinson group, but position unknown; intruded by quartz diorite qd and porphyritic granite
4/ Stratigraphic position unknown
5/ May be younger than Dickinson group

Base from U. S. Geological Survey quadrangles

N

MAP SHOWING PRECAMBRIAN GEOLOGY OF PARTS OF IRON AND DICKINSON COUNTIES, MICHIGAN, FLORENCE AND MARINETTE COUNTIES, WISCONSIN

2 0 2 4 6 8 10 Miles

1960

OPEN FILE
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Michigan (Iron and Dickinson Cos.) Geol. sep. 1.