GEOLOGIC MAP SHOWING OUTCROP OF THE NONESUCH SHALE FROM CALUMET TO GREENLAND,
MICHIGAN

Geologic boundaries of Nonesuch shale by W. S. White and J. C. White, other boundaries modified from U. S. Geological Survey Professional Papers 144 and 184.
GEOLOGIC MAP SHOWING OUTCROP OF THE NONESUCH SHALE FROM GREENLAND TO BLACK RIVER, MICHIGAN

EXPLANATION

- Jacobsville sandstone
- Freda sandstone
- Nonesuch shale
- Copper Harbor conglomerate
- Copper Harbor conglomerate and Portage Lake lava series
- Portage Lake lava series

Geologic contact
Dashed where approximately located

Outcrop of base of Nonesuch shale
Off shore of Lake Superior
Approximately located

Fault
Dashed where approximately located
A indicates upthrown side of reverse fault

Strike and dip of beds

Vertical diamond drill hole
Exploration by Onondaga Copper Company

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