

86°30' 539000m E. 25' 20' 370 000 FEET 86°15' 46°45'

5176000m N.

1 910 000
FEET

40'

40'

35'

35'

1 830 000
FEET

T. 47 N.
46°30'

T. 47 N.
46°30'

86°30' R. 18 W.

R. 17 W.

SCALE 1:62 500

R. 16 W. INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1959-NB
MR 0290 557000m E.

86°15'

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1953. Field check 1958
Hydrography compiled from U. S. Lake Survey chart 93 (1955)
Polyconic projection. 1927 North American datum.
10,000-foot grid based on Michigan coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1958

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 601 FEET

USGS
Historical File
Topographic Division

ROAD CLASSIFICATION
Light-duty ————— Unimproved dirt - - - - -



QUADRANGLE LOCATION

GRAND PORTAL POINT, MICH.
N 4630—W 8615/15
1958

U.S.G.S.
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TOPOGRAPHIC DIVISION

NOV 11 1959

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