

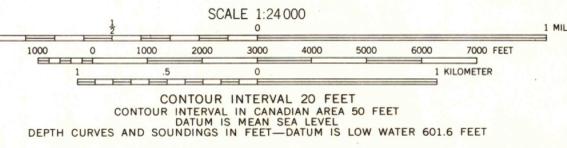
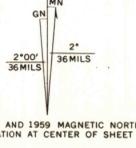
89°45'  
48°02'30"

89°37'30"  
48°02'30"



(MINERAL CENTER)  
8079 IV NE

Mapped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and International Boundary Commission  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1957. Field check 1959  
Canadian portion copied from Pigeon River East quadrangle  
(1:50 000) 1959, Army Survey Establishment, RCE  
Selected hydrographic data compiled from U. S. Lake Survey  
Chart 97 (1958). This information is not intended  
for navigational purposes  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Minnesota coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 16, shown in blue  
Dashed land lines indicate approximate locations



THE U. S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS  
Historical File  
Topographic Division

ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt

U.S. Route

Provincial Route

QUADRANGLE LOCATION

U.S.G.S.  
FINE COPY  
TOPOGRAPHIC DIVISION

GRAND PORTAGE, MINN.  
N 4755—W 8937.5/7.5  
1959  
AMS 8079 I NW—SERIES V872

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