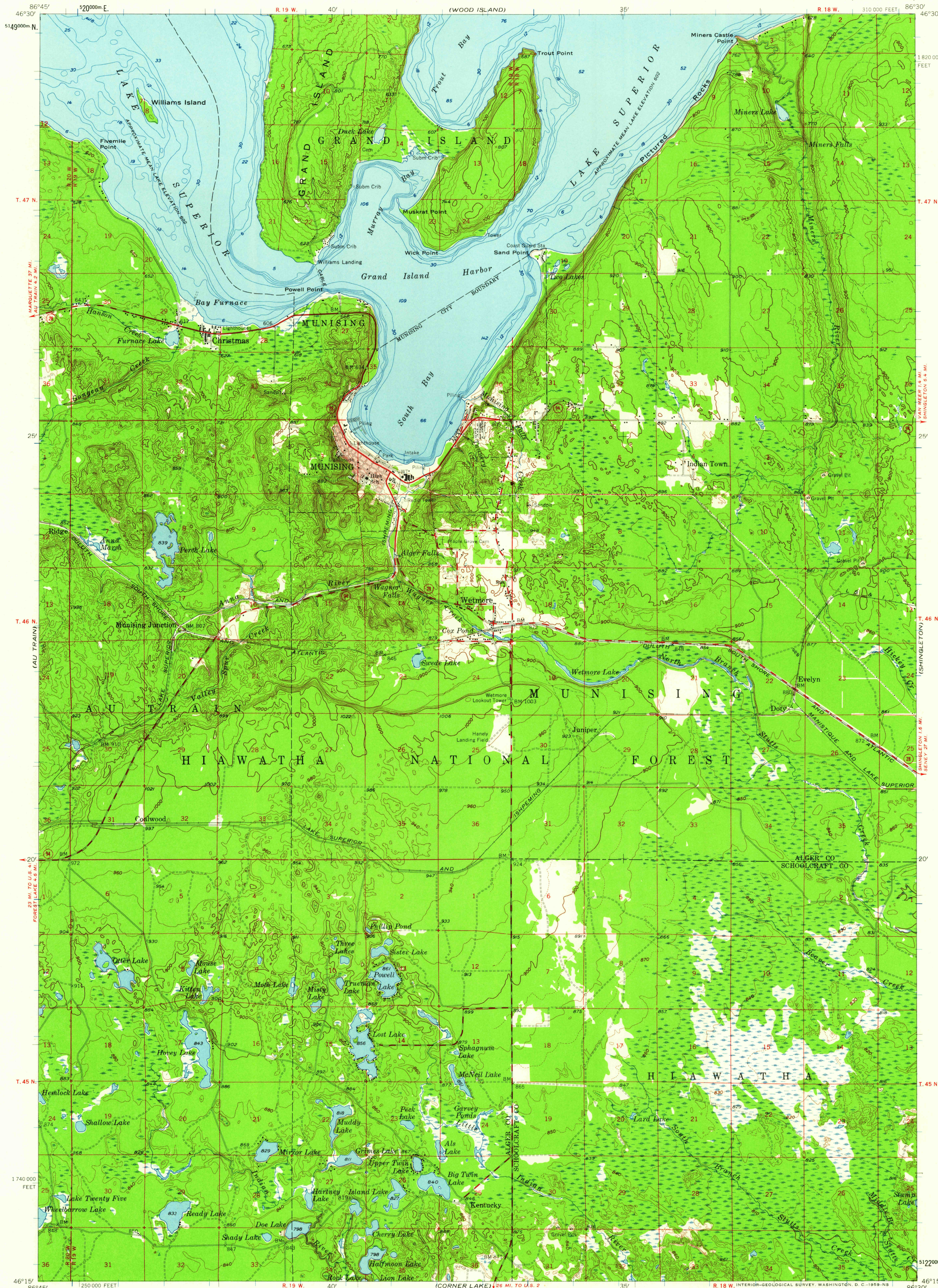


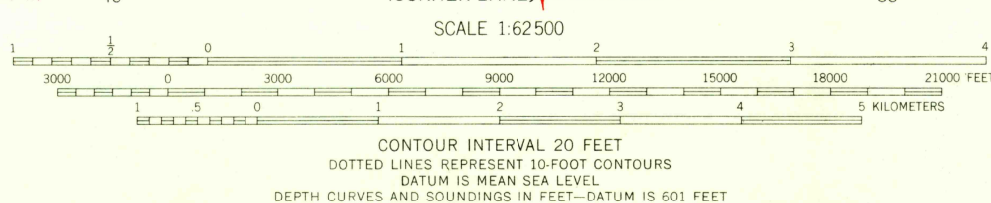
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MUNISING QUADRANGLE
MICHIGAN
15 MINUTE SERIES (TOPOGRAPHIC)

(GRAND PORTAL
POINT)



Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and U. S. Lake Survey
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1953. Field check 1958
Hydrography compiled from U. S. Lake Survey charts 93
and 931 (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
Red tint indicates area in which only
landmark buildings are shown



ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
State Route



USGS
Historical File
Topographic Division

MUNISING, MICH.
N 4615-W 8630/15
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