UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF WISCONSIN
DIVISION OF HIGHWAYS
GEOLOGICAL AND NATURAL HISTORY SURVEY

MOUNTAIN QUADRANGLE
WISCONSIN—OCONTO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 MOUNTAIN 15' QUADRANGLE

data sources:
Lahr, 1972 ~99% of outcrops
Witt, 1985 (some of Hwy 32, Hwy W, and Oconto R outcrops)
Sims, 1989, map
Mancuso, 1957
Road Materials file (RM)
Thwaites, 1929, looseleaf notes

Lahr designations of rock types given precedence over those of others. Same with outcrop locations.

## Key

not all units below are on this quad — see adjacent quads

- BELg = Belongia granite
- BELgf = Belongia granite, fine
- BELsy = Belongia syenite
- HAGqp = Hagar quartz porphyry
- HAGsy = Hagar syenite
- HAGfp = Hagar feldspar porphyry
- Pm = Peshtigo monzonite
- WRg = Wolf River granite
- Sqm = Shay quartz monzonite
- BALDcgl = Baldwin conglomerate
- HINqd = Hines quartz diorite
- Mgn = Macauley gneiss
- Mbz = Macauley gneiss, border zone

Wanpee Formation

- WPut = upper member, tuffaceous
- WPms = middle member, sedimentary rocks
- WPls = lower member, sedimentary rocks
- WPlv = lower member, volcanic rocks
- WP = Wanpee, undivided (Mancuso)
- foliation, bedding absent or non-parallel
- foliation, parallel to bedding
- bedding
- outcrop, dashed where inferred
- ? rock unit unknown (generally outcrops taken from Sims map)

Rock names modified from Lahr, 1972; and Medaris, Anderson and Myles, 1973 (guidebook)

All structural data from Lahr.

Mapped, edited, and published by the Geological Survey in cooperation with the Wisconsin Division of Highways and Wisconsin Geological and Natural History Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1972. Field checked 1973

Hydrography compiled from information furnished by Wisconsin Department of Natural Resources

Projection and 10,000-foot grid ticks: Wisconsin coordinate system, central zone (Lambert conformal conic)
1000-metre Universal Transverse Mercator grid ticks, zone 16, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND BY THE WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY, MADISON, WISCONSIN 53706
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

MOUNTAIN, WIS.
NW/4 MOUNTAIN 15' QUADRANGLE
N4507.5—W8822.5/7.5
1973
AMS 3374 III NW—SERIES V861

W.G. & N.H.S.
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