UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with the
Wisconsin Geological and Natural History Survey

MIFFLIN QUADRANGLE
WISCONSIN
7.5 MINUTE SERIES (TOPOGRAPHIC)

EXPLANATION

QUATERNARY		Qal — Alluvium
SILURIAN	Lower Silurian	Se — Edgewood formation
ORDOVICIAN	Upper Ordovician	Om — Maquoketa shale
	Middle Ordovician	Ogu — Galena dolomite, Non cherty unit Ogl — Galena dolomite, Cherty unit
		Od — Decorah formation
		Op — Platteville formation
		Osp — St. Peter formation
	Lower Ordovician	Opc — Prairie du Chien group

XxX — Quartz Sandstone boulders in abnormal geologic position

Fault (Pitch type) Arrows indicate dip direction of pitch

Crevice

Contact, Dashed where concealed

Strike and dip of beds

Shear zone, vertical

Shear zone showing dip

Strike and dip of joint

Strike of vertical joint

Strikes and dips of multiple joints

Structure contours drawn on top of the Platteville formation. Long dash where control is sparse, short dash where erosion has progressed below datum surface, hachured to indicate a closed basin. Contour interval is 10 feet.

Area of concentrated lead and zinc mining (pits). Strike of mineralized joint indicated by alinement of pits and shafts

Shaft

Outline of underground mine workings

Drill hole Used for structural Control

Survey points used for structural control

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1951. Field check 1952

Polyconic projection. 1927 North American datum
10,000-foot grid based on Wisconsin coordinate system, south zone

Geology of the Mifflin Quadrangle, Wisconsin
Scale 1:20000
0 ½ 1 2 miles
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

APPROXIMATE MEAN DECLINATION, 1952
TRUE NORTH
MAGNETIC NORTH

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
AND BY THE WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY, MADISON 6, WISCONSIN

QUADRANGLE LOCATION

Geology by R. B. Taylor 1957-1958

ROAD CLASSIFICATION
Heavy-duty — 4 LANE 6 LANE
Medium-duty — 4 LANE 6 LANE
Light-duty
Unimproved dirt
U. S. Route
State Route

MIFFLIN, WIS.
N4245—W9015/7.5
1952

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.—1954
M-R4158

Wisconsin (Mifflin quad.). Geol. 1:20,000. 1958.
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This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

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