UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW GREENLEAF QUADRANGLE
MICHIGAN
7.5 MINUTE SERIES (TOPOGRAPHIC)

SHERIDAN

GRANT

GREENLEAF

Ivanhoe

New Greenleaf

Townhall

Appin Sch

Holbrook Ch

Holbrook Sch

Erskine

McTaggart Cem Ch

McIntyre Sch

Battle Sch

Stoner Sch

School No 2

Fraser Ch

St Columbkille Ch

Gravel Pit

Gravel Pits

Radio Tower

BM 754

BM 762

Sandy Drain

McLean Drain

Cameron Drain

Rash Drain

Slack Drain

Blair Drain

Patterson Drain

Appin Drain

Reid Drain

Shier Drain

North Branch

Moore Drain

McNeil Drain

Livingston Drain

Skinner Drain

Greenleaf Creek

Sanilac Creek

Huron Creek

Jackson Drain

Simpkins Drain

Elk Creek

Pigeon River

Cass River

South Fork

Bailey Drain

Crawford Dr

CANBORO ROAD

WADSWORTH ROAD

MCINTYRE ROAD

SEBEWAING ROAD

RESCUE ROAD

MCTAGGART ROAD

MCALPIN ROAD

ATWATER ROAD

MORRISON ROAD

BACH ROAD

FORESTVILLE ROAD

BAY CITY ROAD

RITTER ROAD

DAUS RD

REED ROAD

SEEGER ROAD

JACKSON ROAD

CLELAND ROAD

SPENCER ROAD

HOLBROOK ROAD

HURON LINE ROAD

GRASSMERE

MCMILLAN

RAILROAD

THOMAS

BARRIE

IVANHOE

HOADLEY

GILBERT

PHILLAN

GERMANIA

OLD GRADE

OWENDALE 7 MI.

BAD AXE 7 MI.
POPPLE 0.9 MI.

GAGETOWN 6 MI.

MINDEN CITY 10 MI.
FORESTVILLE 20 MI.

UBLY 3.4 MI.

HEMANS 12 MI.
MARLETTE 21 MI.

(GAGETOWN) 4371 II NW

(CASS CITY) 4371 II SW

(SHABBONA) 4371 II SE

(ARGYLE) 4371 III SW

UBLY 4471 III NW

TUSCOLA CO
SANILAC CO

HURON CO
SANILAC CO

T. 15 N.
T. 14 N.

R. 11 E. R. 12 E.

83°07'30"
43°45'
42'30"
40'
83°00'
43°37'30"

330 000m E.
332 5'
333
334
335 2'30"
336 000m E.
337 670 000 FEET
338

4846 000m N.
4845
4844
4843
4842
4841
4840
4839
4838
4837
4836
4835
4834
4833
4832 000m N.

780 000 FEET
820 000 FEET

650 000 FEET

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1959. Field checked 1963

Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

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

MN GN
4° 71 MILS 1°25' 25 MILS

UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
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 - - - - -
State Route

MICHIGAN
QUADRANGLE LOCATION

NEW GREENLEAF, MICH.
N4337.5—W8300/7.5

1963

AMS 4371 II NE—SERIES V862

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1964

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TOPOGRAPHIC DIVISION
1980

JUL 7 1964