



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY: Aerial photographs taken by USGS and NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN: 1978
FIELD CHECKED: 1982
MAP EDITED: 1985
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR
ZONE: 16
METER-FOOT STATE GRID TICKS: MICHIGAN, NORTH ZONE
UTM GRID DECLINATION: 0°08' EAST
1984 MAGNETIC NORTH DECLINATION: 3°30' WEST
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983,
move the projection lines as shown by dashed corner ticks
(6 meters north and 6 meters east)
There may be private inholdings within the boundaries of any
Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check.

SCALE 1:24 000
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
KILOMETERS
METERS
MILES
FOOT
CONTOUR INTERVAL 3 METERS
184.5 METER SUPPLEMENTARY CONTOUR ALONG SHORELINE
CONTROL AND FIELD ESTABLISHED ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

QUADRANGLE LOCATION

1	3	Laughing Fish Point
2	4	Wood Island
3	5	Rock River
4	6	Munising
5	7	Forest Lake
6	8	Powell Lake

ADJOINING 7.5' QUADRANGLE NAMES

CONTOURS AND ELEVATIONS IN METERS
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route
U.S. Route
State Route
AU TRAIN, MICHIGAN
PROVISIONAL EDITION 1985
46086-D7-TM-024