



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY: USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1980
FIELD CHECKED 1982 MAP EDITED 1985
PROJECTION UNIVERSAL TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 16
UTM GRID DECLINATION MICHIGAN, NORTH ZONE
10000-FOOT STATE GRID TICS 02° 29' WEST
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
To place on the predicted North American Datum of 1983,
move the projection lines as shown by dashed corner ticks
(7 meters north and 7 meters east)
There may be private inholdings within the boundaries of any
Federal and State Reservations shown on this map
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
photography. 1

SCALE 1:24 000
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
KILOMETERS
METERS
MILES
FOOT
CONTOUR INTERVAL 5 METERS
SUPPLEMENTARY CONTOUR INTERVAL 2.5 METERS
(LAKE SUPERIOR) 184.5 METER SUPPLEMENTARY CONTOUR ALONG SHORILINE
CONTROL AND FIELD ESTABLISHED ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .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

1	2	3	Big Bay Granite Point
4	5	6	Negaunee NW Marquette SW Negaunee SW Marquette
6	7	8	

CONTOURS AND ELEVATIONS IN METERS
ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route
BUCKROE, MICHIGAN
PROVISIONAL EDITION 1985
46087-F5-TM-024

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

EXAMPLE: Convert 479 meters
to feet
479 = 400 + 70 + 9
400m = 1312.3ft
70m = 229.7ft
+ 9m = + 29.5ft
479m = 1571.5ft

RETURN TO:
NHD HISTORICAL MAP ARCHIVES
USGS NATIONAL CENTER, MS-322
RESTON, VA 22092