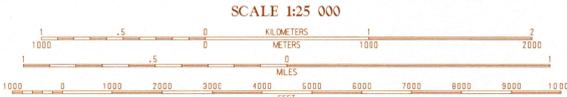




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY CONTROL BY USGS AND NOS/NOAA COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1978 FIELD CHECKED 1988 MAP EDITED 1988 PROJECTION UNIVERSAL TRANSVERSE MERCATOR GRID 1000-METER UNIVERSAL TRANSVERSE MERCATOR 1800-FOOT STATE GRID TICKS MICHIGAN CENTRAL ZONE UTM GRID DECLINATION 11° EAST 1983 MAGNETIC NORTH DECLINATION 4°34' 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 (3 meters north and 2 meters east) There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map Gray tint indicates areas in which selected buildings are shown

PROVISIONAL MAP
Produced from original
manuscript drawings. Information
shown as of date of
field check.



CONTOUR INTERVAL 5 METERS
SUPPLEMENTAL CONTOUR INTERVAL 1.5 METERS ALONG SHORELINE
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
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route

1	2	3	4	5	6	7	8
			Forest Beach	Charlevoix	Bay Shore	Elmer	Bovine City

ADJOINING 7.5' QUADRANGLE NAMES
CONTOURS AND ELEVATIONS IN METERS

USGS AND HISTORICAL
MAP ARCHIVES
JAN 29 1996
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