



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
DERIVED FROM IMAGERY DATED.....1986  
PHOTOINSPECTED USING IMAGERY TAKEN.....1996  
NO MAJOR CULTURE OR DRAINAGE CHANGES OBSERVED  
PLSS AND SURVEY CONTROL CURRENT AS OF.....1982  
BOUNDARIES VERIFIED.....UNIVERSAL TRANSVERSE MERCATOR  
PROJECTION.....UNIVERSAL TRANSVERSE MERCATOR  
1000-METER UNIVERSAL TRANSVERSE MERCATOR GRID.....ZONE 16  
10,000-FOOT STATE GRID TICKS.....MICHIGAN, NORTH ZONE  
UTM GRID DECLINATION.....0°30' WEST  
1999 MAGNETIC NORTH DECLINATION.....4°30' EAST  
VERTICAL DATUM.....NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM.....NORTH AMERICAN DATUM OF 1927 (NAD 27)  
North American Datum of 1983 (NAD 83) is shown by dashed  
corner ticks. The values of the shift between NAD 27 and NAD 83  
for 7.5-minute intersections are obtainable from National  
Geodetic Survey NADCON software  
There may be private inholdings within the boundaries of  
Federal and State reservations shown on this map

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Informa-  
tion shown as of date of  
photography. 1

SCALE 1:24 000  
CONTOUR INTERVAL 5 METERS  
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, P.O. BOX 25286, DENVER, COLORADO 80225  
AND GEOLOGICAL SURVEY DIVISION  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

1	2	3	1 Ives Hill
			2 Big Bay
			3 Granite Point
4			4 Silver Lake Basin
	5		5 Buckroe
			6 Dierie
			7 Negaunee SW
6	7	8	8 Negaunee

ADJOINING 7.5' QUADRANGLE NAMES

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

NEGAUNEE NW, MICHIGAN  
PROVISIONAL EDITION 1996

RECEIVED  
FEB 29 2000  
USGS NWD  
HISTORICAL MAP ARCHIVES

