



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY THE UNITED STATES GEOLOGICAL SURVEY  
FIELD CHECKED BY THE UNITED STATES GEOLOGICAL SURVEY  
MAP EDITED BY THE UNITED STATES GEOLOGICAL SURVEY  
PROJECTION: 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
UTM GRID DECLINATION: 9°59' EAST  
1987 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  
(2 meters north and 2 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. Information  
shown as of date of  
photography.

SCALE 1:24 000  
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

CONTOUR INTERVAL 3 METERS  
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 .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND THE GEOLOGICAL SURVEY DIVISION  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909

CONTOURS AND ELEVATIONS IN METERS

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

QUADRANGLE LOCATION

1	2	3	1 Custer
2	3	4	2 Tallman
3	4	5	3 Townsend Lake
4	5	6	4 Crystal Valley
5	6	7	5 Big Star Lake
6	7	8	6 Walkerville West
7	8		7 Walkerville East
8			8 Walkup Lake

ADJOINING 7.5 QUADRANGLE NAMES

CARR, MICHIGAN  
PROVISIONAL EDITION 1987  
43086-G1-TM-024

