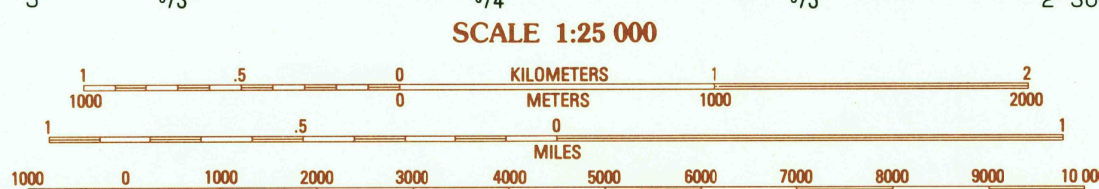




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
DERIVED FROM IMAGERY DATED: 1977
PHOTOINSPECTED USING IMAGERY TAKEN: 1998
NO MAJOR CULTURE OR DRAINAGE CHANGES OBSERVED
PLSS AND SURVEY CONTROL CURRENT AS OF: 2001
BOUNDARIES, OTHER THAN CORPORATE, VERIFIED: 2001
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR
1000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 16
10,000-FOOT STATE GRID TICKS: MICHIGAN, CENTRAL ZONE
UTM GRID DECLINATION: 040' EAST
2001 MAGNETIC NORTH DECLINATION: 2'00" WEST
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. Infor-
mation shown as of date of
field check. 3



SCALE 1:25 000
CONTOUR INTERVAL 5 METERS
SUPPLEMENTARY CONTOUR INTERVAL 2.5 METERS
CONTROL 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



1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8

ADJOINING 7.5' QUADRANGLE NAMES

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

EMPIRE, MICHIGAN
PROVISIONAL EDITION 1998

RECEIVED
AUG 31 2001
USGS NWHL
HISTORICAL MAP ARCHIVES



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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AND GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST