



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by Kelsch plotter
Aerial photographs taken 1951. Field check 1952
Hydrography from U. S. Lake Survey Chart 93, (1:120,000)
Polyconic projection. 1927 North American Datum
10,000-foot grid based on Michigan coordinate system,
north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue
To place on the predicted North American Datum 1983,
move the projection lines 7 meters north and 7 meters east
All mining features on this map are inactive

SCALE 1:62,500
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET
1 0 1 2 3 4 5 KILOMETERS
CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS 601 FEET
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
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
1964
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt - - - - -
U. S. Route ——— State Route ———
The west half of this area is also covered by
1:24,000 scale maps of the Sands and Gwinn
7.5 minute quadrangles, field check 1952.
GWINN, MICH.
N4615-W8715/15
1952
AMS 3576 IV-SERIES V762

APR 2 1984

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