UNITED STATES BAR LAKE QUADRANGLE DEPARTMENT OF THE INTERIOR MICHIGAN-MANISTEE CO. GEOLOGICAL SURVEY 15 MINUTE SERIES (TOPOGRAPHIC) 86°30′ <mark>540^{000m} E. 541 542</mark> 556 1 490 000 FEET 558 559 86°15′ 44°30′ 544 545 546 25° 547 4927000m.N. 4926 430 000 4925 4925 4924 4924 4922 4922 4921 4917 ⁴⁹15 4914 4913 Portage Point 4912 4911 4909 4908 4907 4906 4905 4904 ORCHARD BEACH STATE PARK 4903 4902 ⁴⁹01 MANISTEE 350 000 MANISTEE NATIONAL T. 21 N. FEET 4900 FOREST 44°15′ 86°30′ 549 (MANISTEE) 3772 III SCALE 1:62500 541 542 1 440 000 FEET 546 25' 547 Mapped, edited, and published by the Geological Survey ROAD CLASSIFICATION Control by USGS and USC&GS Topography from aerial photographs by photogrammetric methods Aerial photographs taken 1954. Field check 1956 Light-duty Heavy-duty _____ Unimproved dirt _____ Hydrography compiled from U. S. Lake Survey chart 77 (1954) U. S. Route State Route Polyconic projection. 1927 North American Datum 1 .5 0 HHHHHH 10,000-foot grid based on Michigan coordinate system, 9 MILS 0°26′ 8 MILS CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 578 FEET central zone 1000-meter Universal Transverse Mercator grid ticks, BAR LAKE, MICH. To place on the predicted North American Datum 1983 move the projection lines 3 meters north and 3 meters east N4415-W8615/15 UTM GRID AND 1956 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092 1956 There may be private inholdings within the boundaries of AND BY THE GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909 AMS 3772 IV-SERIES V762 Red tint indicates areas in which only A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST landmark buildings are shown

SEP 24 1982