UNITED STATES PLEASANTON QUADRANGLE DEPARTMENT OF THE INTERIOR MICHIGAN-MANISTEE CO. **GEOLOGICAL SURVEY** 7.5 MINUTE SERIES (TOPOGRAPHIC) 86° 07′ 30″ 570000mE 44° 30′ 17′ 20″ 570000mE 5' 573 576 2' 30" RIVER SPRINGDALE RISE N S A N TO N FOREST PERE MARQUETTE STATE × 230 226.5 T Healy Creek Big Four Corners B E A R MAPLEGROVE MAIDENS SCALE 1:25 000 INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1983 KILOMETERS **ROAD LEGEND** METERS PROJECTION LAMBERT CONFORMAL CONIC GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 16 MICHIGAN A Improved Road 10,000-FOOT STATE GRID TICKS MICHIGAN, CENTRAL ZONE Unimproved Road UTM GRID DECLINATION QUADRANGLE LOCATION 1982 MAGNETIC NORTH DECLINATION... **CONTOUR INTERVAL 3 METERS** Interstate Route U. S. Route State Route 3 1 Elberta 2 Benzonia SUPPLEMENTARY CONTOUR INTERVAL 1.5 METERS To place on the predicted North American Datum of 1983 PROVISIONAL MAP CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER 5 4 Bear Lake 5 Copemish 6 Onekama (3 meters north and 2 meters east) Produced from original PLEASANTON, MICHIGAN To convert meters to feet multiply by 3.2808 There may be private inholdings within the boundaries of any manuscript drawings. Infor-To convert feet to meters multiply by .3048 Federal and State reservations shown on this map 8 7 Brethren 8 Marilla mation shown as of date of THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS **PROVISIONAL EDITION 1982** FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092 field check. AND THE GEOLOGICAL SURVEY DIVISION ADJOINING 7.5' QUADRANGLE NAMES 44086-D1-TM-025 MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909 CONTOURS AND ELEVATIONS IN METERS



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