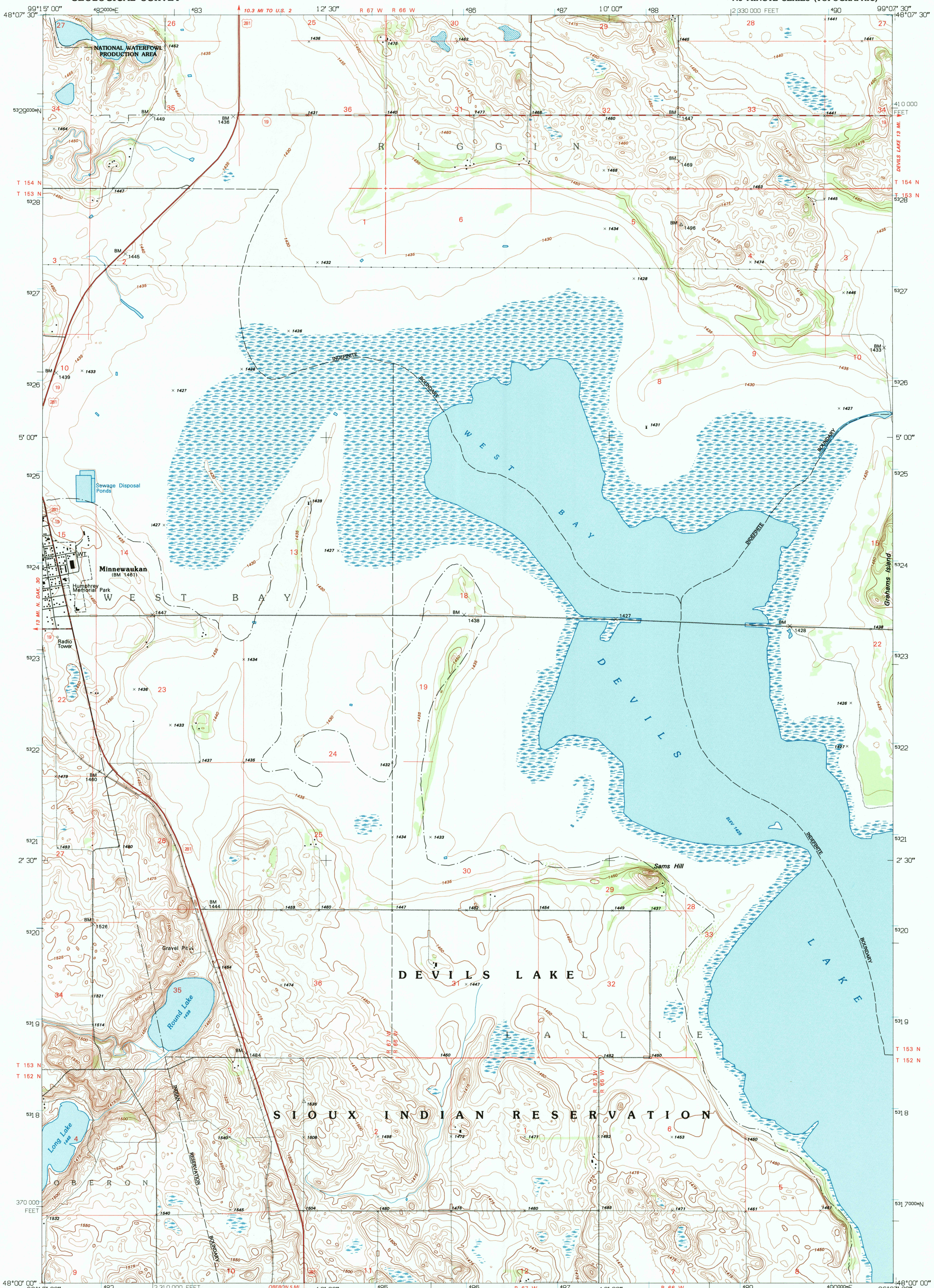


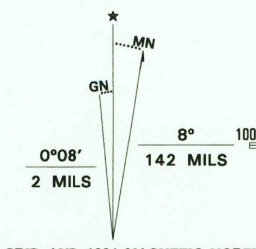
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MINNEWAUKAN EAST QUADRANGLE
NORTH DAKOTA-BENSON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

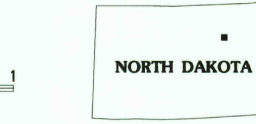


Produced by the United States Geological Survey
Control by USGS and NOS/NOAA

Planimetry by photogrammetric methods from aerial photographs taken 1949. Topography by planimetric surveys 1950. Revised from aerial photographs taken 1950. Field checked 1993. Map edited 1994.
Universal Transverse Mercator projection
10,000-foot grid ticks: North Dakota coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 14, shown in blue
1927 North American Datum (NAD 27)
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks
The values of the shift between NAD 27 and 83 for 7.5-minute intersections are given in USGS Bulletin 1875
There may be private inholdings within the boundaries of the National or State reservations shown on this map



SCALE 1:24000
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
COMPLIES WITH U.S. GEOLOGICAL SURVEY STANDARDS FOR SPATIAL ACCURACY - CLASS 2
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND NORTH DAKOTA GEOLOGICAL SURVEY, BISMARCK, NORTH DAKOTA 58505
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	

ROAD CLASSIFICATION
Primary highway
hard surface
Secondary highway
hard surface
Light-duty road, hard or improved surface
Unimproved road

Interstate Route
U.S. Route
State Route

ADJOINING 7.5' QUADRANGLE NAMES

MINNEWAUKAN EAST, N. DAK.
48099-A2-TF-024
1994

DMA 6180 II SW - SERIES V871

