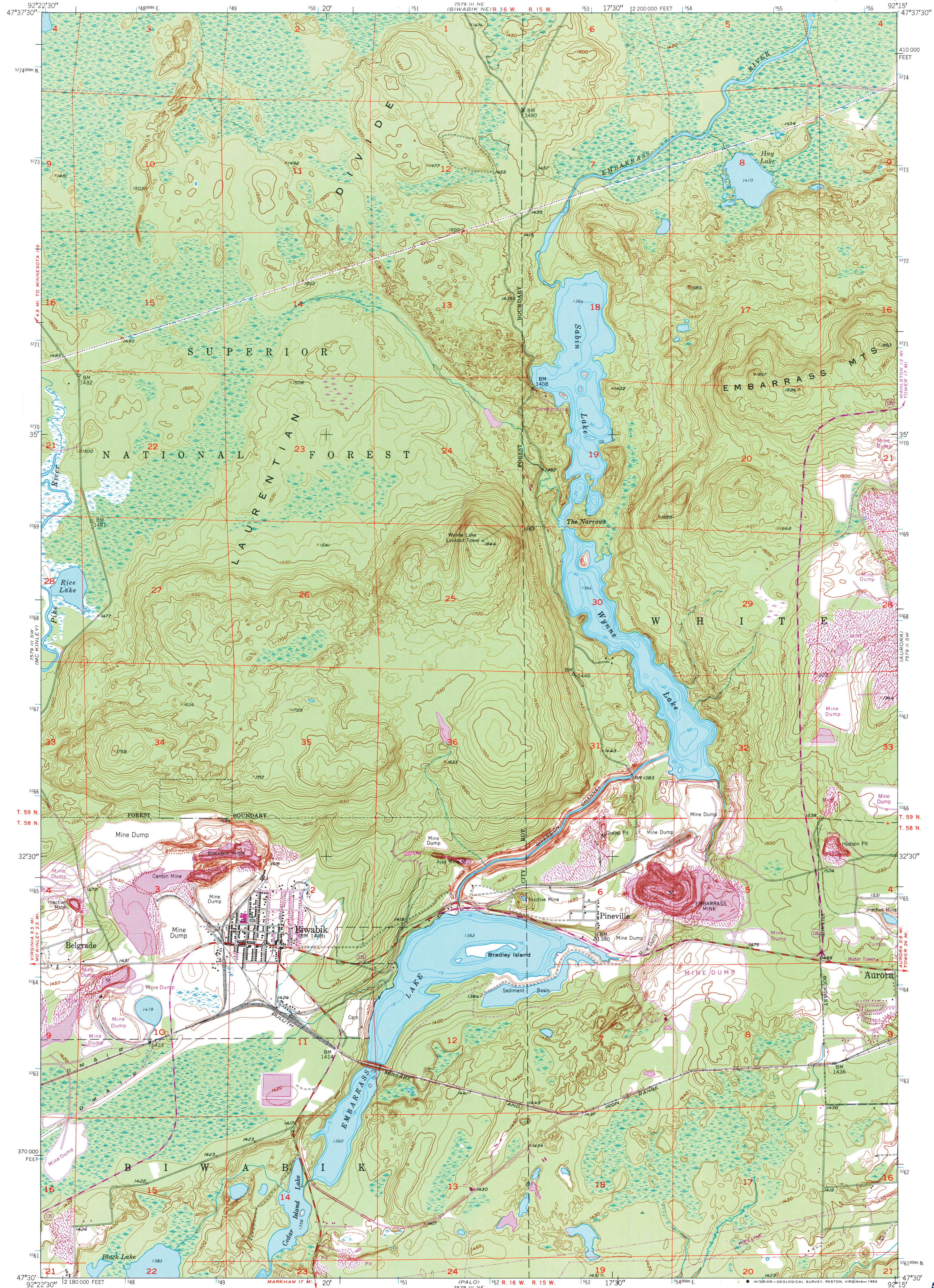




Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1947. Field check 1950

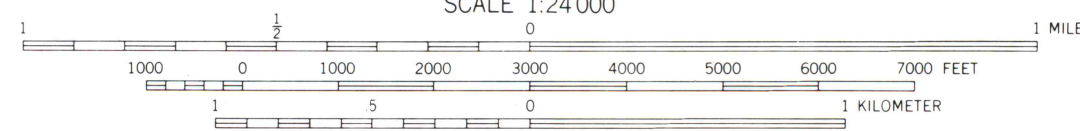
Polyconic projection. 1927 North American datum
10,000-foot grid based on Minnesota coordinate system,
north zone

1000 meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue

Depth curves compiled from charts furnished by
Minnesota Department of Conservation

To place on the predicted North American Datum 1983,
move the projection lines 7 meters north and
14 meters east as shown by dashed corner ticks

There may be private inholdings within
the boundaries of the National or
State reservations shown on this map



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty ——— 4 LANE 16 LANE Light-duty ———
Medium-duty ——— 4 LANE 16 LANE Unimproved dirt ———
U. S. Route ——— State Route ———

BIWABIK, MINN.
N4730—W9215/7.5

1950

PHOTOREVISED 1983

Revisions shown in purple compiled from aerial
photographs taken 1981 and other sources
This information not field checked. Map edited 1983

ARTHUR H. ROBINSON MAP LIBRARY
University of Wisconsin-Madison

A.H. ROBINSON
MAP LIBRARY

APR 06 1984

University of Wisconsin
Madison