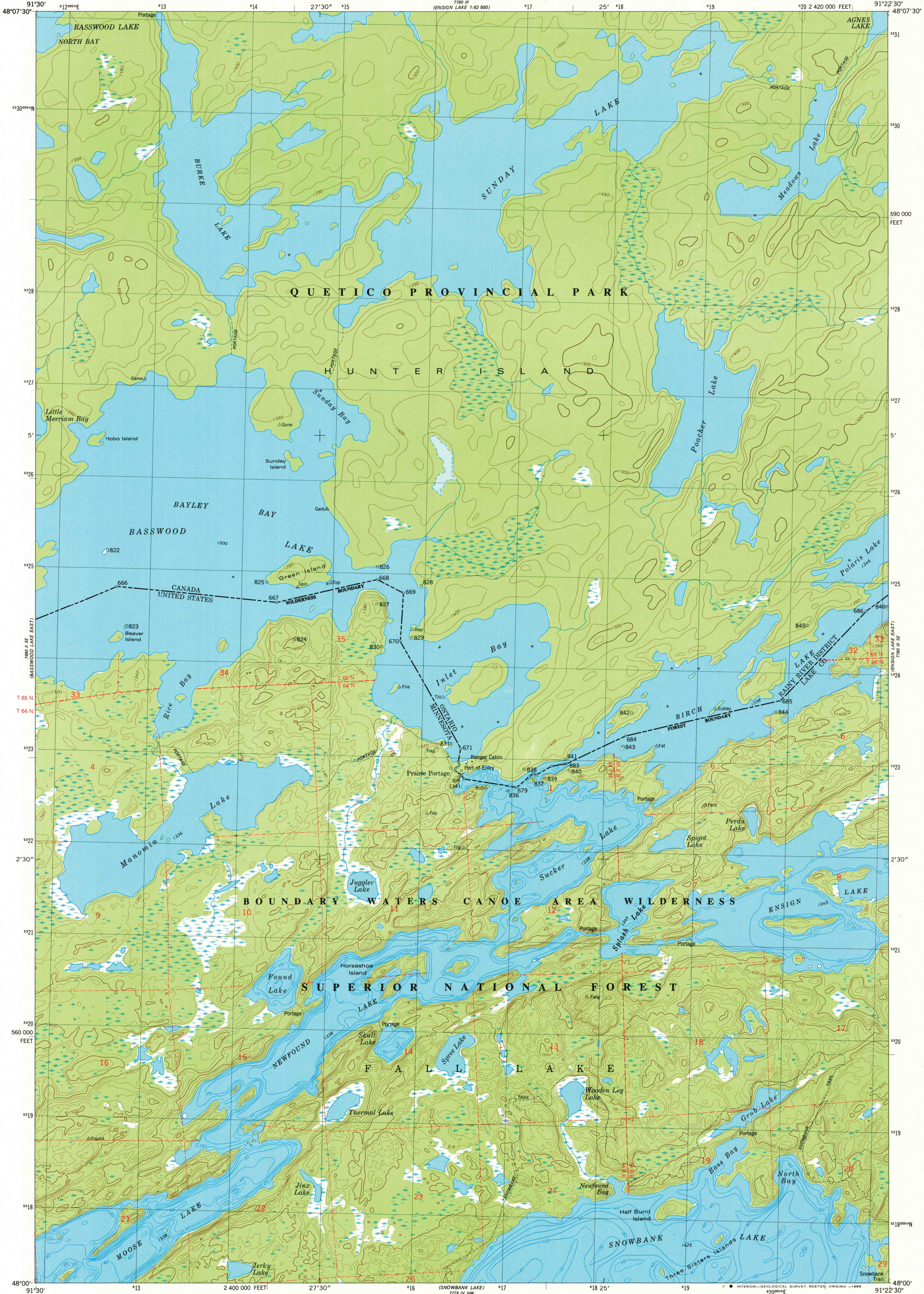


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ENSIGN LAKE WEST QUADRANGLE
MINNESOTA-ONTARIO
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 ENSIGN LAKE 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA, and International Boundary Commission
Planimetry by photogrammetric methods from aerial photographs
taken 1976. Topography by photogrammetric methods from aerial
photographs taken 1956. Revised from aerial photographs
taken 1977. Field checked 1978. Map edited 1981
Canadian portion copied from Knife Lake quadrangle
(1:50 000) 1969, Department of Energy, Mines, and Resources
Hydrography compiled from information furnished by
Minnesota Department of Natural Resources

Projection and 10,000-foot grid ticks: Minnesota coordinate
system, north zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 15
1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 4 meters north and
12 meters east as shown by dashed corner ticks



THE U. S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



Map photoinspected 1986
No major culture or drainage changes observed

ENSIGN LAKE WEST, MINN.-ONT.
SW/4 ENSIGN LAKE 15' QUADRANGLE
48091-44-TF-024

1981
PHOTOINSPECTED 1986
DMA 7780 III SW-SERIES V872

ROAD CLASSIFICATION
Trails

