

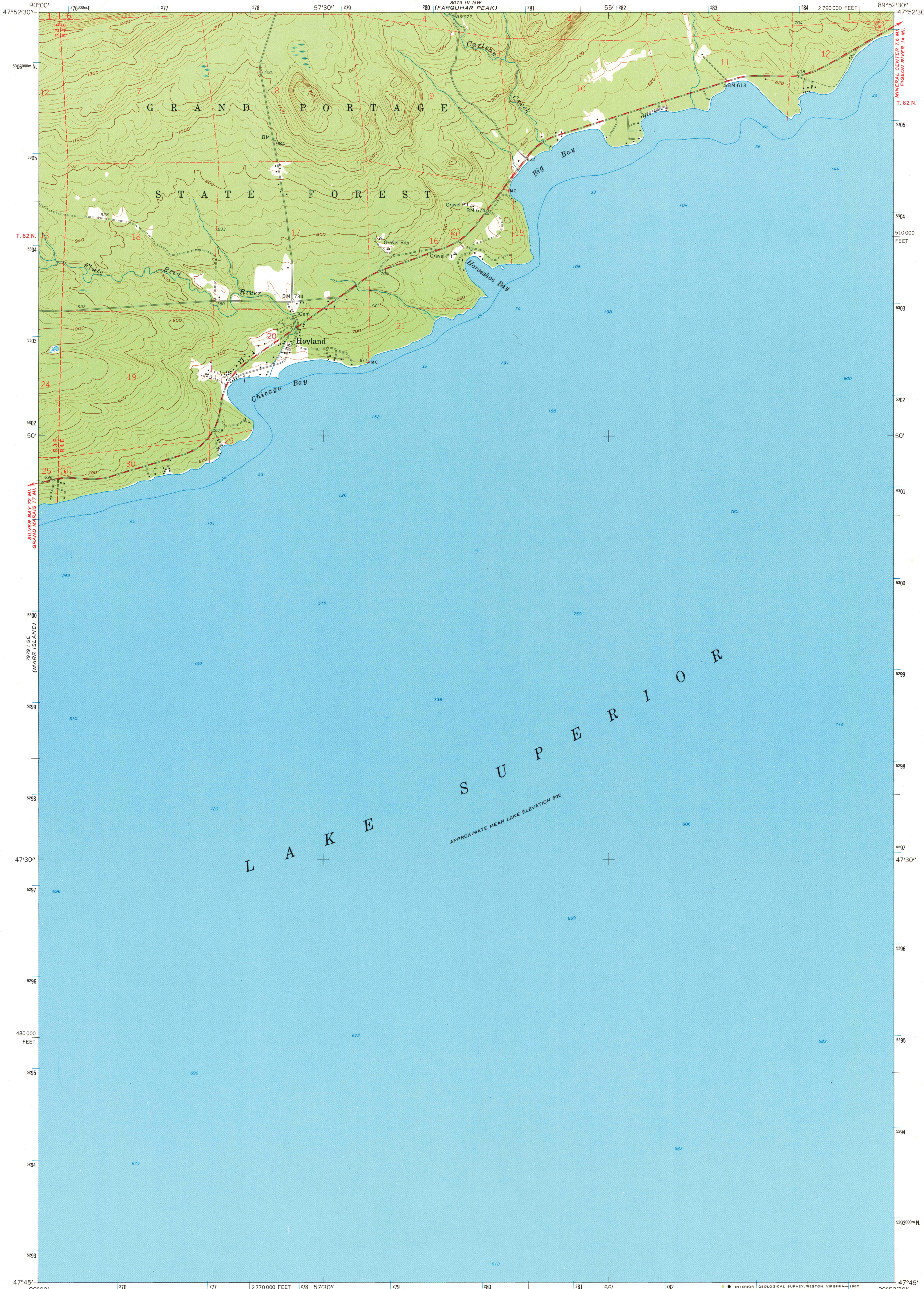
79° 19' NE
(TOP LAKE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
IRON RANGE RESOURCES AND REHABILITATION COMMISSION

HOVLAND QUADRANGLE
MINNESOTA-COOK CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

80° 19' W
(MINERAL CENTER)



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

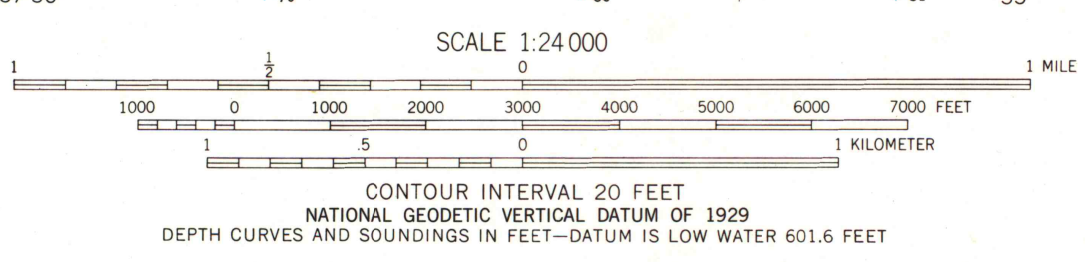
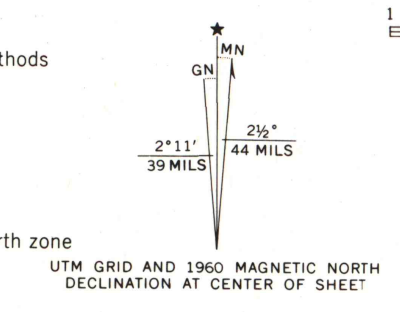
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1957. Field check 1960

Selected hydrographic data compiled from U.S. Lake Survey
chart 97 (1958). This information is not intended
for navigational purposes

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 16, shown in blue

To place on the predicted North American Datum 1983
move the projection lines 3 meters north and
9 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



ROAD CLASSIFICATION
Medium-duty ——— Light-duty ———
Unimproved dirt =====
U.S. Route

HOVLAND, MINN.
N 4745—W 8952.5/7.5

1960
PHOTOINSPECTED 1976
AMS 8079 IV SW—SERIES V 872

MAP AND AIR PHOTO
LIBRARY
DEC 17 1982
University of Wisconsin
Madison