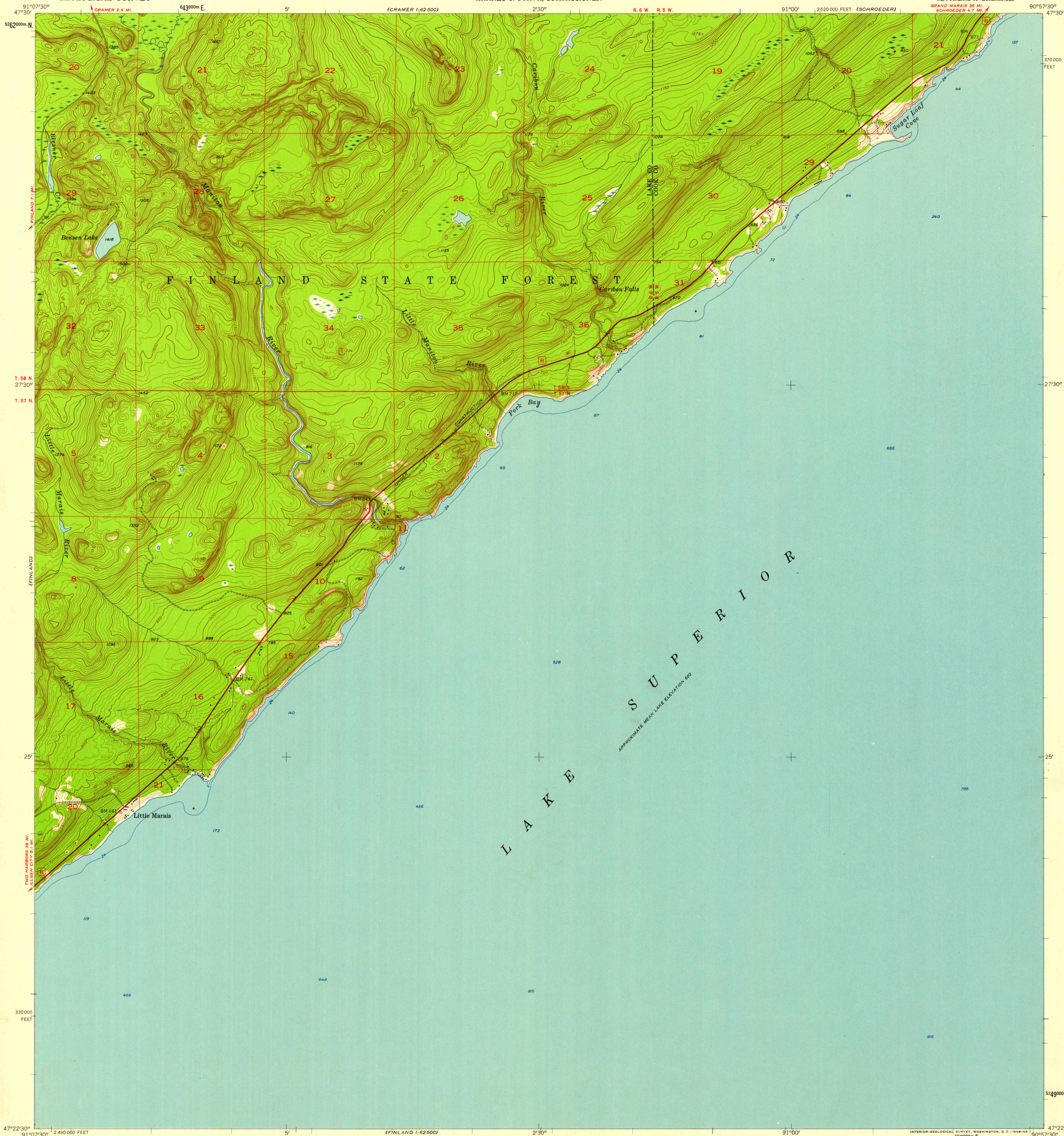


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
IRON RANGE RESOURCES AND REHABILITATION COMMISSION
KAARLO J. OTAVA, COMMISSIONER

LITTLE MARAIS QUADRANGLE
MINNESOTA
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1954. Field check 1956
Hydrography compiled from U. S. Lake Survey chart 97 (1951)
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
Unchecked elevations are shown in brown

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1956

SCALE 1:24000
1 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 5 10 KILOMETER
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS 601 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division



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

U.S.G.S.
FILE COPY
Topographic Division

LITTLE MARAIS, MINN.
NE/4 FINLAND 15' QUADRANGLE
N 4722.5-W 9057.5/7.5X10

1956

MAR - 6 1956
1925