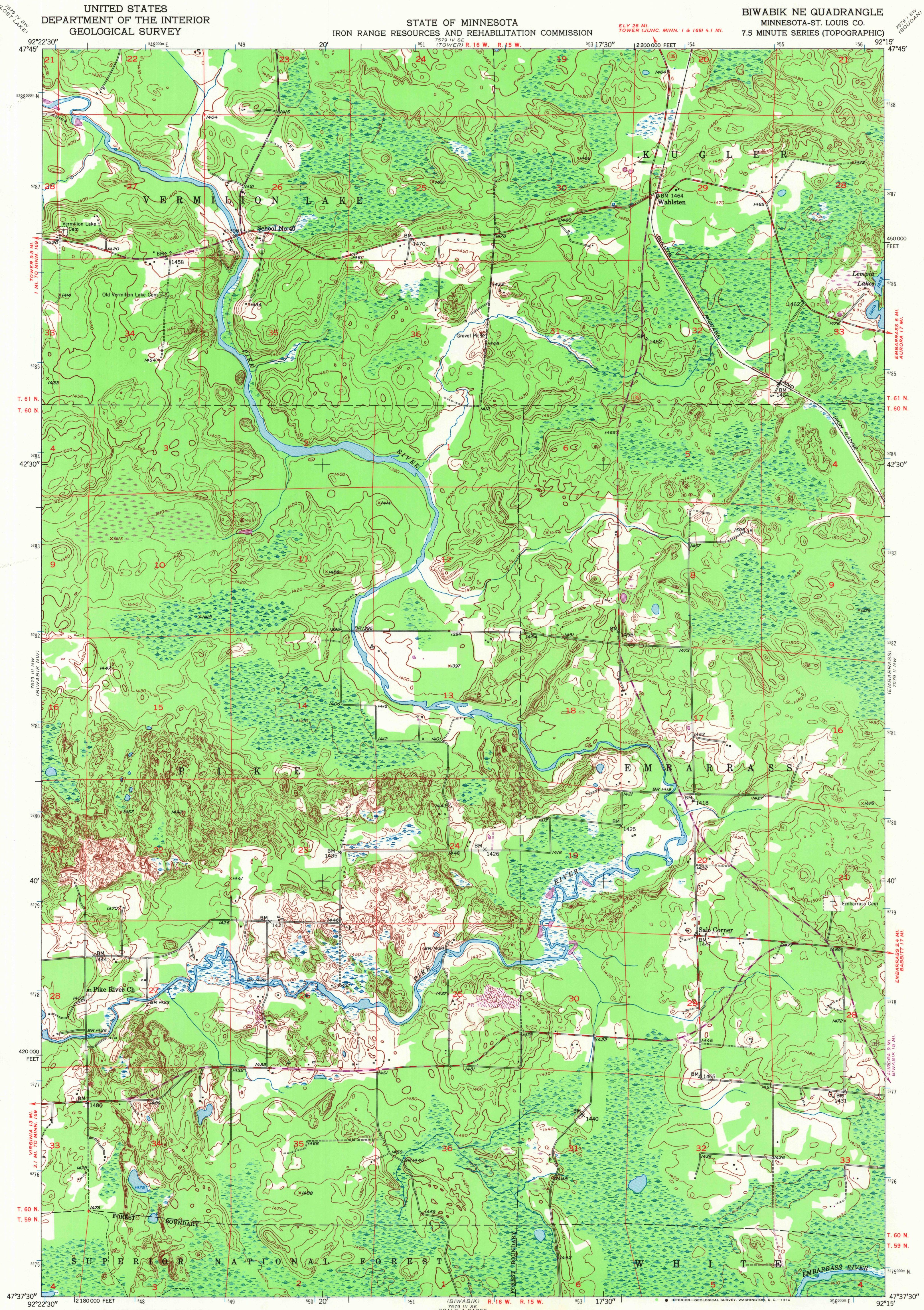


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
IRON RANGE RESOURCES AND REHABILITATION COMMISSION

BIWABIK NE QUADRANGLE
MINNESOTA-ST. LOUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

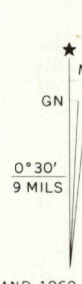
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1947. Field check 1950

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

Unchecked elevations are shown in brown

Revisions shown in purple followed from aerial photographs
taken 1969. This information not field checked



SCALE 1:24,000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———
Unimproved dirt ———

State Route



QUADRANGLE LOCATION

BIWABIK NE, MINN.
N4737.5-W9215/7.5

1950

PHOTOREVISED 1969
AMS 7579 III NE-SERIES V872

USGS
Historical File
Topographic Division

MAR 13 1974