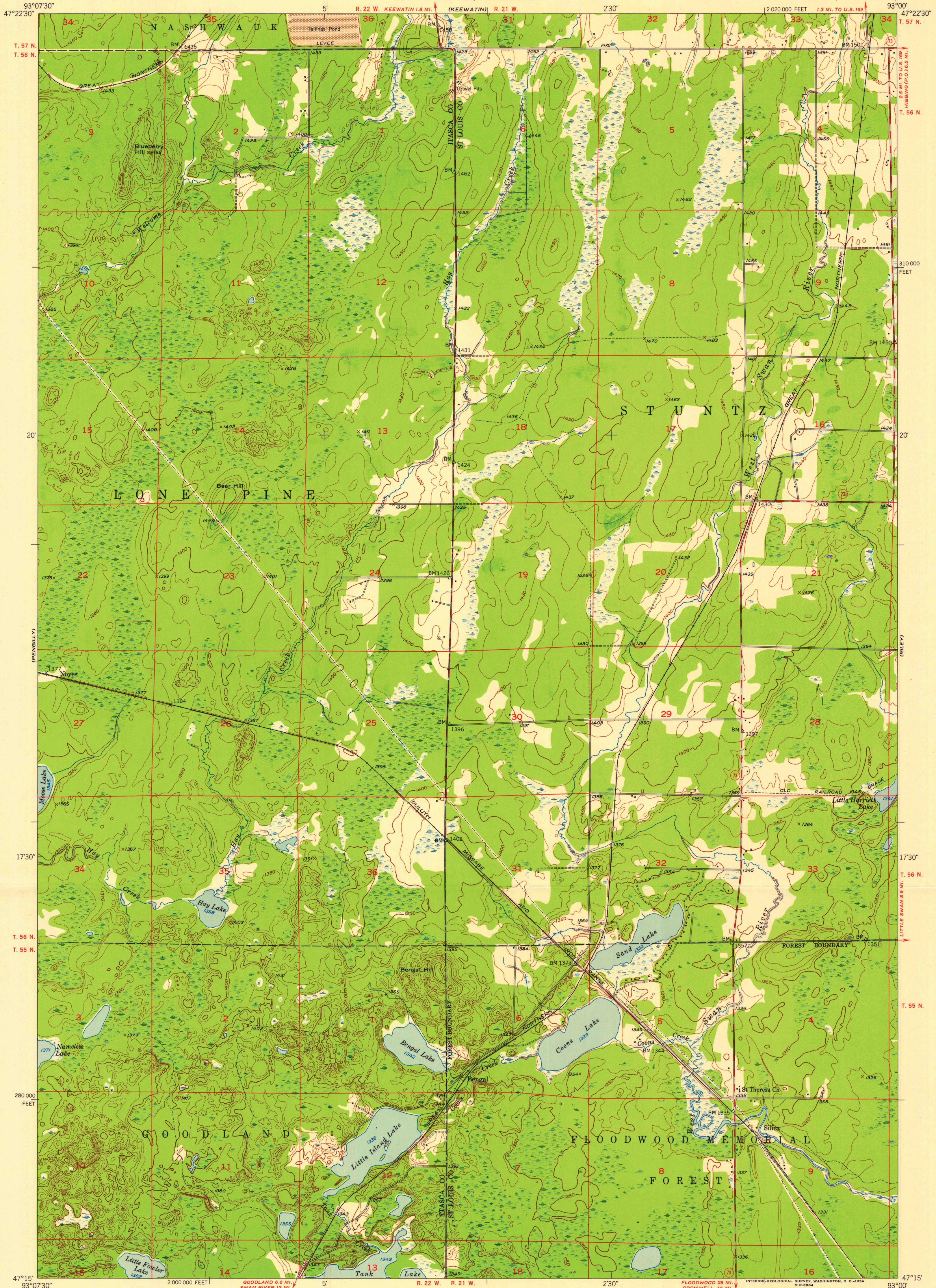


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
IRON RANGE RESOURCES AND REHABILITATION COMMISSION
EDWARD G. BAYUK, COMMISSIONER

SILICA QUADRANGLE
MINNESOTA
7.5 MINUTE SERIES (TOPOGRAPHIC)



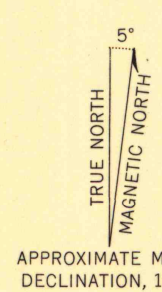
Mapped, edited, and published by the Geological Survey

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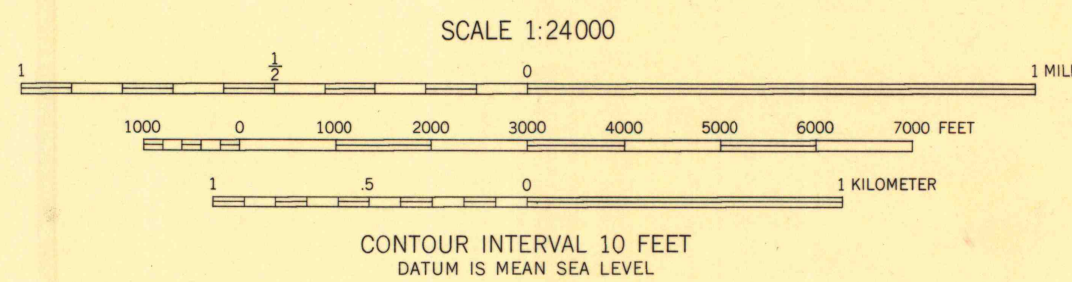
Topography from aerial photographs by Kelsh plotter

Aerial photographs taken 1947. Field check 1952

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



APPROXIMATE MEAN
DECLINATION, 1952



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

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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 ———

UNIVERSITY OF WISCONSIN
Department of Geography

SILICA, MINN.
N4715-W9300/7.5
1952