UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
IRON RANGE RESOURCES AND REHABILITATION COMMISSION
A. M. DEYOANNES, COMMISSIONER

PERENT LAKE QUADRANGLE
MINNESOTA—LAKE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

(FOREST CENTER 1:62 500) 7779 IV

7779 I NE (LAKE POLLY)

7779 I NW (ALICE LAKE)

(ISABELLA 1:62 500) 7779 II

(CRAMER 1:62 500) 7779 II

(KAWISHIWI LAKE) 7779 I SE

(FOREST CENTER 1:62 500) 7779 IV

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1960

Depth curves and soundings compiled from charts furnished by Minnesota Department of Conservation

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

SCALE 1:24 000

1 MILE
7000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

UTM GRID AND 1960 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION
Light-duty ——— Unimproved dirt - - - - - -

QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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PERENT LAKE, MINN.
N4745—W9107.5/7.5
1960
AMS 7779 I SW—SERIES V872

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TOPOGRAPHIC DIVISION

USGS
Historical File
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