

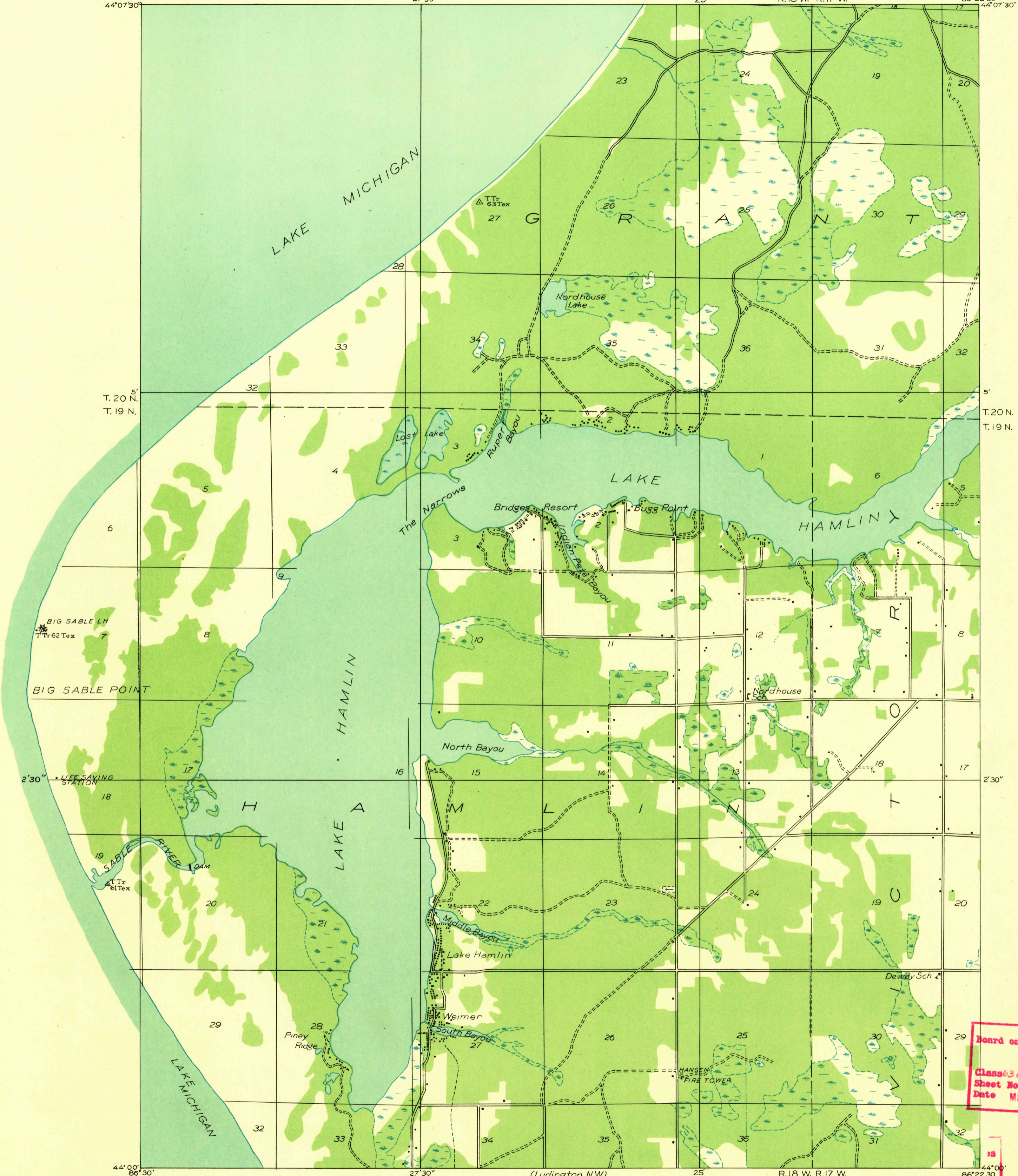
DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

STATE OF MICHIGAN  
DEPARTMENT OF CONSERVATION  
GEO. R. HOGARTH, DIRECTOR  
GEOLOGICAL SURVEY DIVISION, R. A. SMITH, STATE GEOLOGIST

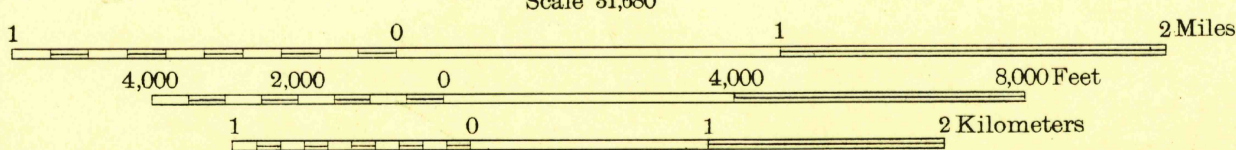
Advance sheet.  
Subject to correction.

MICHIGAN  
(MASON COUNTY)  
MANISTEE QUADRANGLE  
(SW QUARTER)

86°30' 27'30" 25' 86°22'30' 44°07'30"



Glenn S. Smith, Division Engineer  
Compiled by U. S. Geological Survey after field examination  
of aerial photographs taken by Air Corps, U. S. Army  
Control by U. S. Geological Survey  
Field examination in 1931



Scale 31,580  
TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1931  
MANISTEE, MICH  
(SW)

Board on Geographi  
Class 630 - USGS - Mic  
Sheet No. Manistee  
Date MAY 17 1941

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Ludington NE