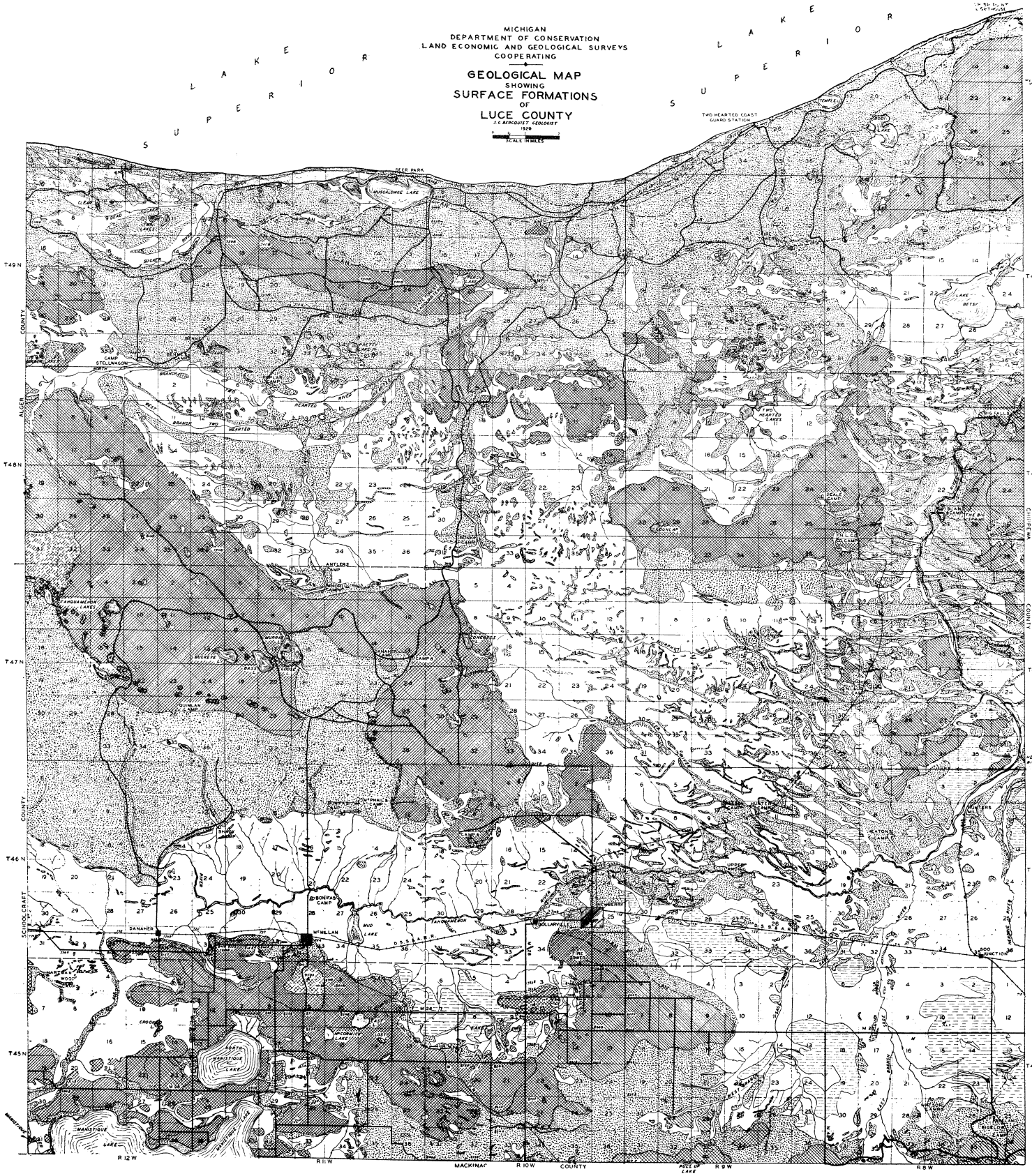
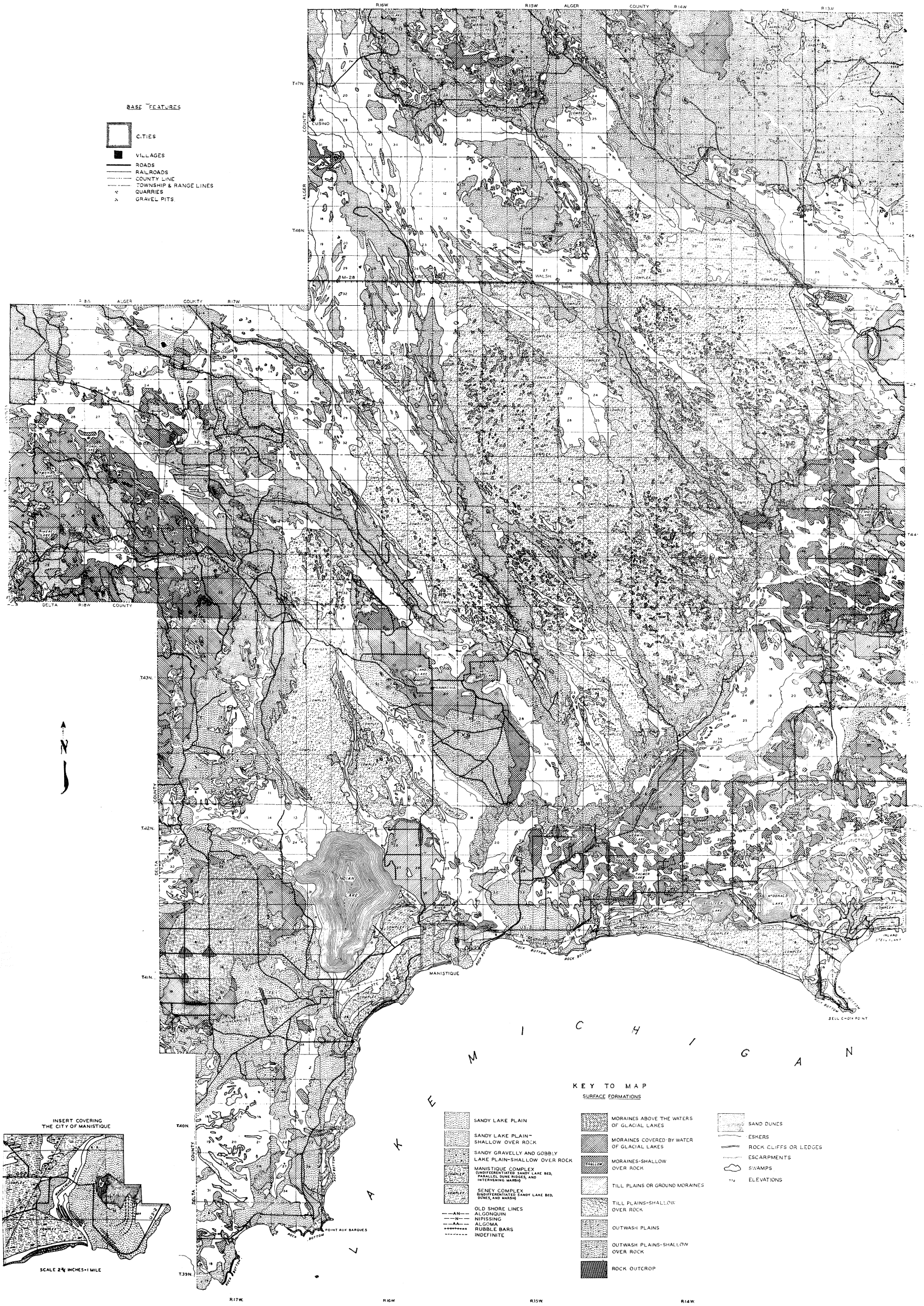

MICHIGAN
DEPARTMENT OF CONSERVATION
LAND ECONOMIC AND GEOLOGICAL SURVEYS
COOPERATING
GEOLOGICAL MAP
SHOWING
SURFACE FORMATIONS
OF
LUCE COUNTY
J. E. BERGQUIST GEOLOGIST
1929
SCALE IN MILES
LAKE SUPERIOR
T49N
T48N
T47N
T46N
T45N
R12W
R11W
R10W
R9W
R8W
ALGER COUNTY
SCHOOLCRAFT COUNTY
MACKINAC COUNTY
CHIPPEWA COUNTY
TWO HEARTED COAST GUARD STATION
MUSKALONGE LAKE
TWO HEARTED RIVER
TWO HEARTED LAKES
LAKE BETSY
CAMP STELLMACON
ANTLERS CAMP
BONIFAS CAMP
DANAHER
McMILLAN
MANISTIQUE LAKE
MANISTIQUE RIVER
KEY TO MAP
SURFACE FORMATIONS
SAND DUNES
SANDY LAKE PLAINS
CLAYEY LAKE PLAINS
OLD SHORE LINES
ALGONQUIN
NIPISSING
INDEFINITE
MORAINES ABOVE THE WATERS OF GLACIAL LAKES
MORAINES COVERED BY WATER OF GLACIAL LAKES
OUTWASH PLAINS
ESCARPMENTS
SWAMPS PEAT
MARL
BASE FEATURES
CITIES
VILLAGES
CAMPS
FIRE TOWERS
RAILROADS
ROADS
GRAVEL PITS
ELEVATIONS
ELEVATIONS BAROMETRIC
QUARRIES

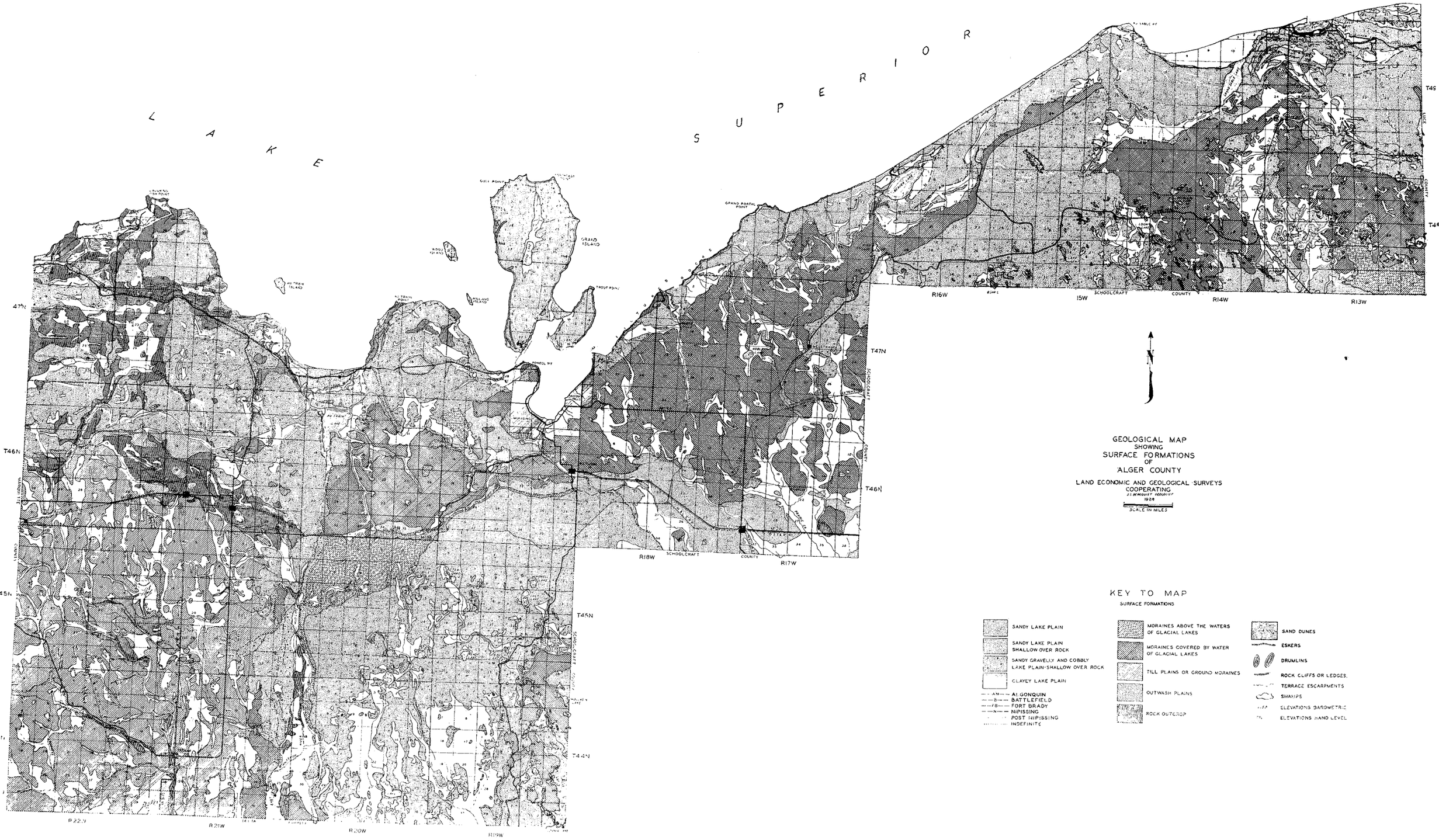
Michigan
Dept. of Conservation

GEOLOGICAL MAP SHOWING SURFACE FORMATIONS OF SCHOOLCRAFT COUNTY

S. G. BERGQUIST GEOLOGIST
1932
SCALE IN MILES

Geological Survey Division
Pub. 40 Geol. Ser. 34. Part I Fig. 13





GEOLOGICAL MAP
SHOWING
SURFACE FORMATIONS
OF
ALGER COUNTY

LAND ECONOMIC AND GEOLOGICAL SURVEYS
COOPERATING
U.S. GEOLOGICAL SURVEY
1928

SCALE IN MILES

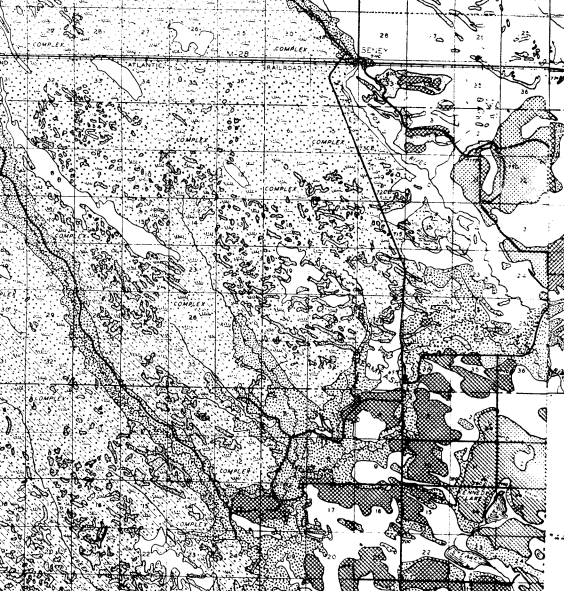
KEY TO MAP

SURFACE FORMATIONS

- SANDY LAKE PLAIN
- SANDY LAKE PLAIN SHALLOW OVER ROCK
- SANDY GRAVELLY AND COBBLY LAKE PLAIN-SHALLOW OVER ROCK
- CLAYEY LAKE PLAIN
- —A— —A— ALGONQUIN
- —B— —B— BATTLEFIELD
- —FB— —FB— FORT BRADY
- —N— —N— NIPISSING
- POST NIPISSING
- INDEFINITE
- MORAINES ABOVE THE WATERS OF GLACIAL LAKES
- MORAINES COVERED BY WATER OF GLACIAL LAKES
- TILL PLAINS OR GROUND MORAINES
- OUTWASH PLAINS
- ROCK OUTCROP
- SAND DUNES
- ESKERS
- DRUMLINS
- ROCK CLIFFS OR LEDGES
- TERRACE ESCARPMENTS
- SWAMPS
- ELEVATIONS BAROMETRIC
- ELEVATIONS HAND LEVEL

GEOLOGICAL MAP
SHOWING
SURFACE FORMATIONS
OF THE
TAHQUAMENON AND MANISTIQUE DRAINAGE BASINS
INCLUDING
ALGER, LUCE, AND SCHOOLCRAFT COUNTIES

S. G. BERGQUIST, GEOLOGIST



H I G A N

M A P

ATIONS

RAINES ABOVE THE WATERS GLACIAL LAKES

RAINES COVERED BY WATER GLACIAL LAKES

AINES-SHALLOW R ROCK

PLAINS OR GROUND MORAINES

PLAINS-SHALLOW R ROCK

WASH PLAINS

WASH PLAINS-SHALLOW R ROCK

K OUTCROP

SAND DUNES

ESKERS

ROCK CLIFFS OR LEDGES

ESCARPMENTS

SWAMPS

770 ELEVATIONS

BASE FEATURES

CITIES

VILLAGES

ROADS

RAILROADS

COUNTY LINE

TOWNSHIP & RANGE LINES

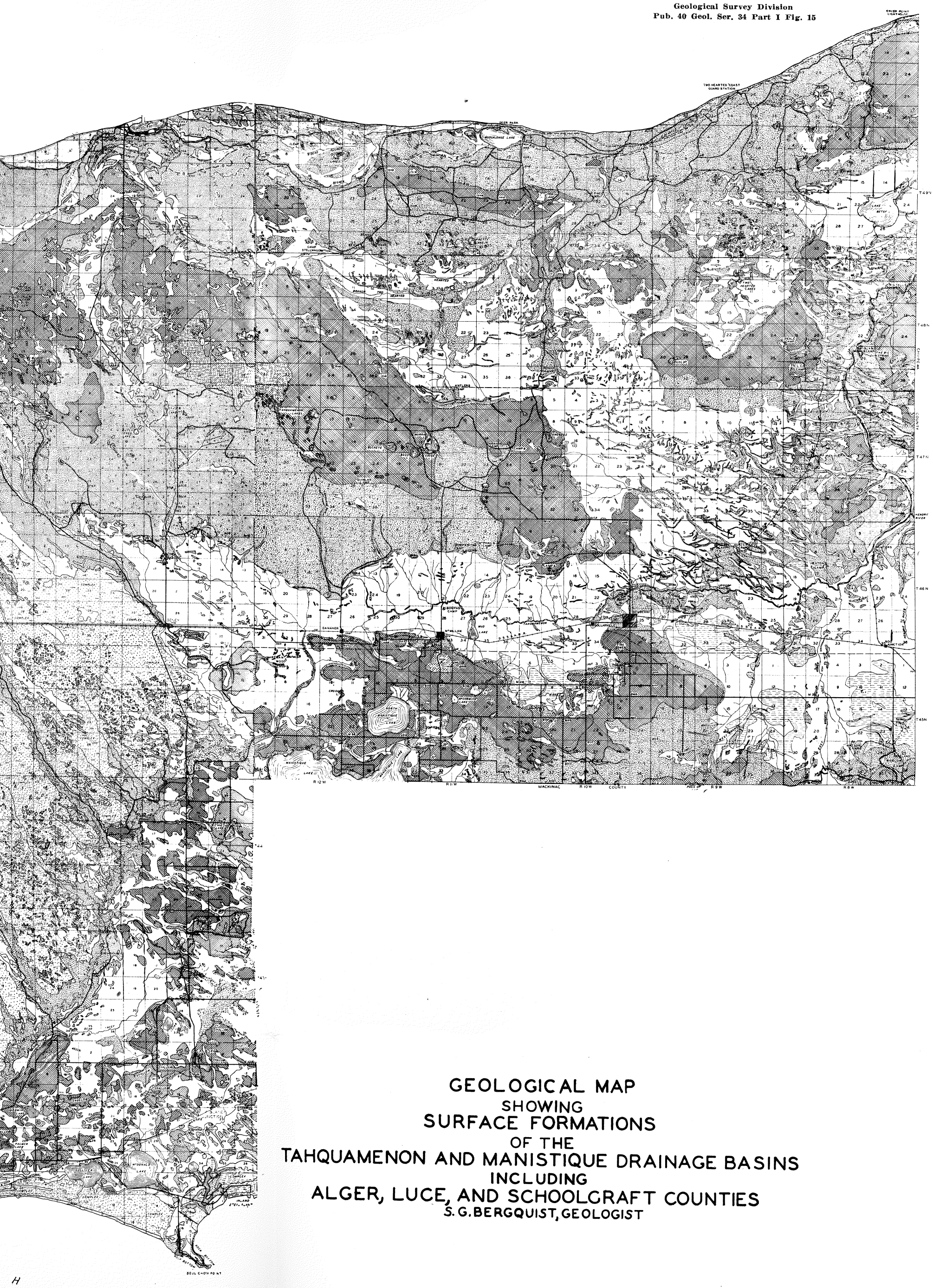
QUARRIES

GRAVEL PITS

R14W

T46N

Geological Survey Division
Pub. 40 Geol. Ser. 34 Part I Fig. 15



GEOLOGICAL MAP
SHOWING
SURFACE FORMATIONS
OF THE
TAHQUAMENON AND MANISTIQUE DRAINAGE BASINS
INCLUDING
ALGER, LUCE, AND SCHOOLCRAFT COUNTIES

S. G. BERGQUIST, GEOLOGIST

LAKE SUPERIOR

LAUGHING FISH POINT

GULL POINT

NORTHEAST POINT

GRAND MARAIS POINT

GRAND ISLAND

WOOD ISLAND

AU TRAIN ISLAND

WILLIAMS ISLAND

TROUT POINT

AU TRAIN POINT

SAND POINT

POWELL PT

MUNISING

AU TRAIN LAKE

BEAVER LAKE

KUSINO

M-28

R22W

R21W

R20W

R19W

DELTA COUNTY

T42N

T41N

T40N

T39N

INDIAN LAKE

MANISTIQUE

POINT AUX BARQUES

ROCK BOTTOM

INSERT COVERING
THE CITY OF MANISTIQUE

SCALE 2½ INCHES=1 MILE

R17W

R15W

LAKE MICHIGAN

SANDY LAKE PLAIN

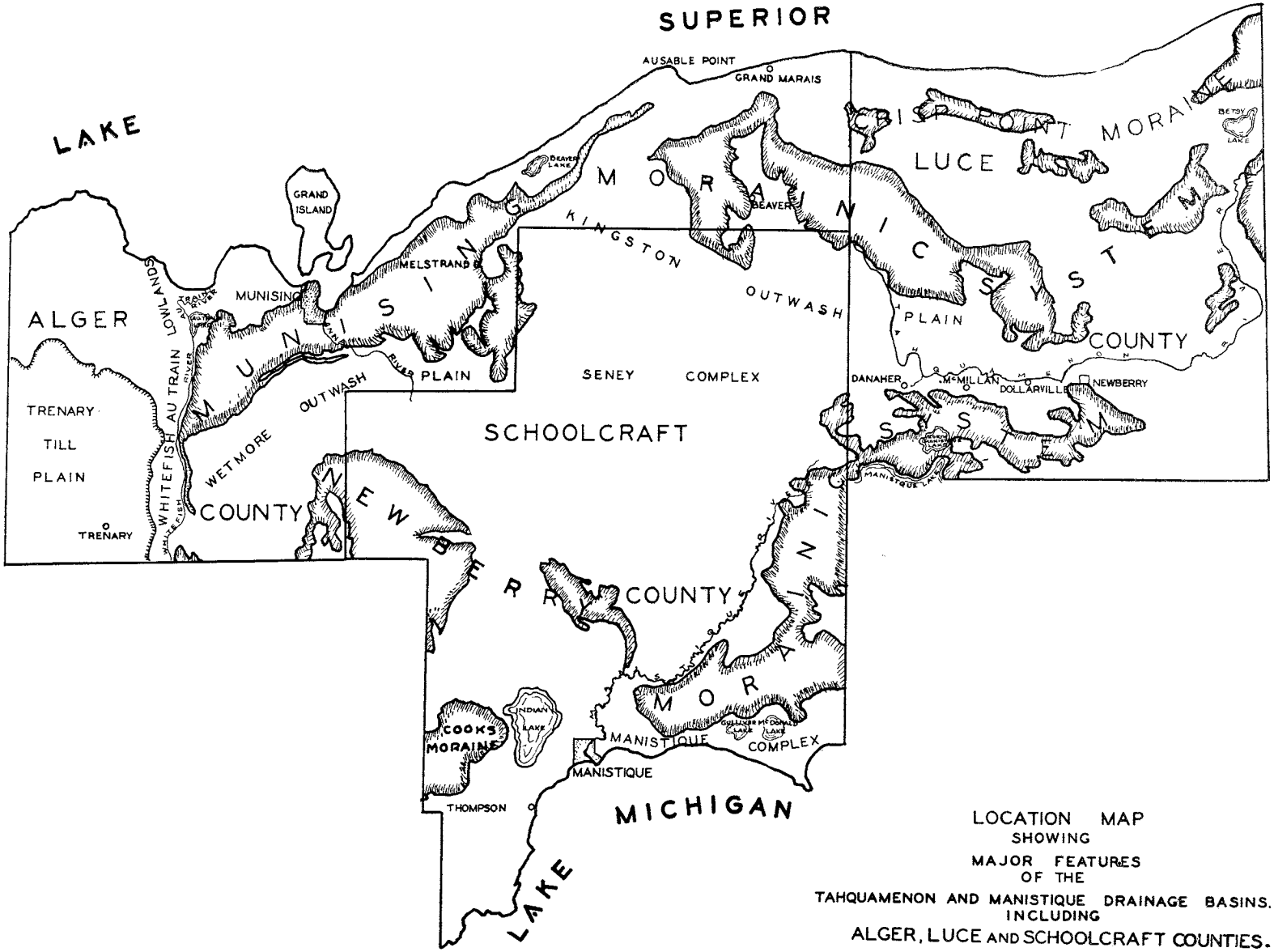
SANDY LAKE PLAIN-
SHALLOW OVER ROCK

SANDY GRAVELLY AND GOB
LAKE PLAIN-SHALLOW OV

MANISTIQUE COMPLEX
(UNDIFFERENTIATED SANDY LAKE B
PARALLEL DUNE RIDGES, AND
INTERVENING MARSH)

SENEY COMPLEX
(UNDIFFERENTIATED SANDY LAKE B
DUNES, AND MARSH)

—AN— ALGONQUIN
—N— NIPISSING
—AA— ALGOMA
RUBBLE BARS
INDEFINITE



LOCATION MAP
SHOWING
MAJOR FEATURES
OF THE
TAHQUAMENON AND MANISTIQUE DRAINAGE BASINS.
INCLUDING
ALGER, LUCE AND SCHOOLCRAFT COUNTIES.
S.G. BERGQUIST-GEOLOGIST.

FIGURE 16