UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES AND
SUFFOLK COUNTY WATER AUTHORITY

WATER-SUPPLY PAPER 2073
PLATE 1

EXPLANATION

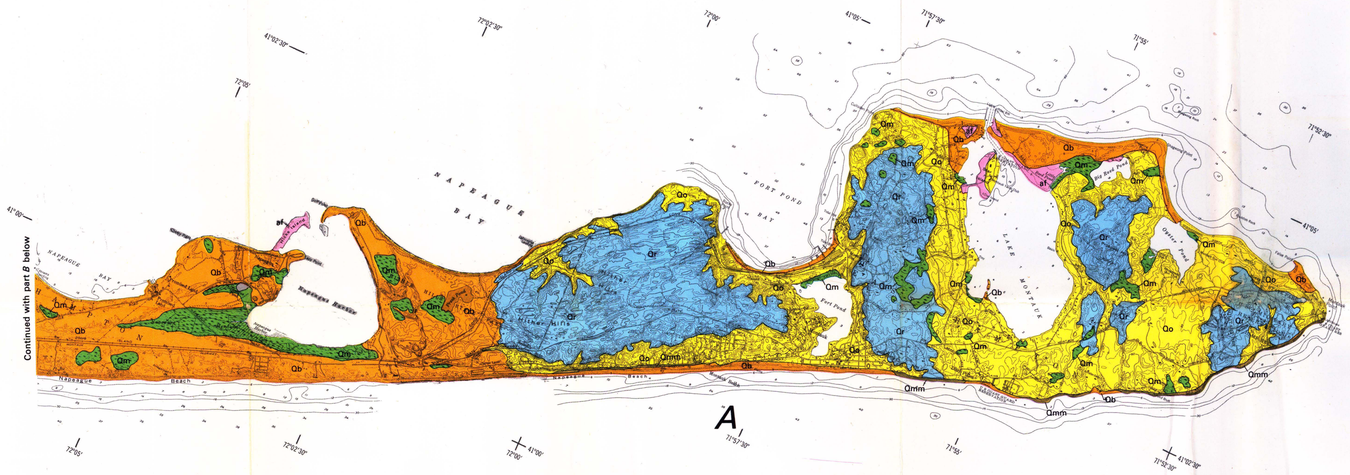
QUATERNARY

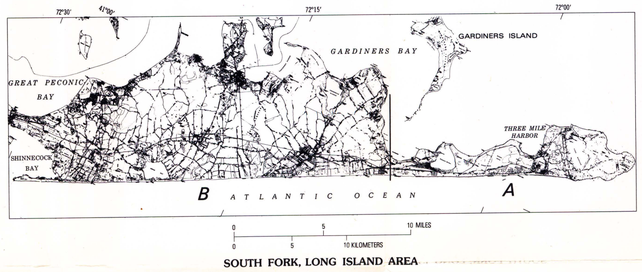
Holocene

- **Qb** — Beach deposits. *Sand, gravel, and some boulders*
- **Qm** — Marsh deposits. *Clay, silt, sand, and some organic matter*

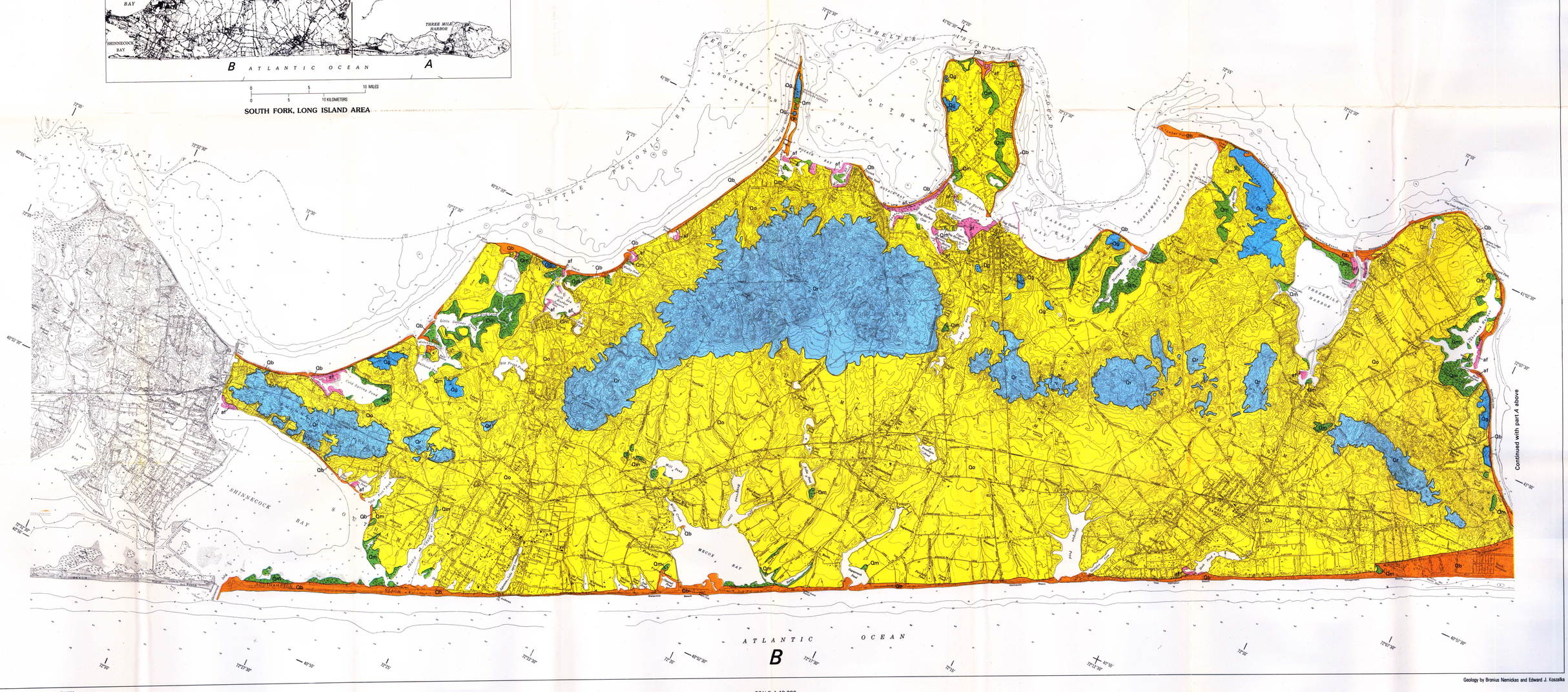
Upper Pleistocene

- **Qg** — Glaciofluvial deposits. *Stratified sand and gravel in forms of kames*
- **Qr** — Ronkonkoma Drift. *Moraine deposits, poorly stratified sand, gravel, and boulders; some till and clay*
- **Qo** — Outwash deposits. *Stratified sand and gravel*
- **Qmm** — Montauk Till Member of the Manhasset Formation. *Poorly sorted clay, silt, sand, gravel, and boulders*
- **af** — Artificial fill





SOUTH FORK, LONG ISLAND AREA



Geology by Bronius Nemickas and Edward J. Koszalka

Base from U.S. Geological Survey, 1:62,500:
East Hampton, 1956; Gardiners Island East, 1956;
Gardiners Island West, 1956; Greenport, 1956;
Mattituck, 1956; Montauk Point, 1956; Napeague Beach, 1956; Quogue, 1956; Sag Harbor, 1956;
Shinnecock Inlet, 1955; Southampton, 1956;
Southhold, 1956

APPROXIMATE MEAN DECLINATION, 1961

SCALE 1:48 000

1 ½ 0 1 2 3 MILES
1 0 1 2 3 KILOMETERS

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

GENERALIZED SURFICIAL GEOLOGY OF THE SOUTH FORK, SUFFOLK COUNTY, LONG ISLAND, NEW YORK