



EXPLANATION

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|-----------------|--|--|---|
| Recent | <p>Qsh
Shoreline deposits
Chiefly well-sorted sand and gravel deposited by current and wave action as beaches, spits, and bars</p> | <p>Qal
Alluvial deposits
Stream-deposited sand and silt; may contain organic material</p> | <p>Qm
Marsh deposits
Sand, silt, and clay mixed with decaying plant debris accumulated in marshy areas</p> |
| Pleistocene | <p>Qop
Outwash-plain deposits
Well-sorted and stratified sand and gravel of fluvioglacial origin; may include some outwash of Ronkonkoma ice sheet</p> | <p>Qpp
Pitted-outwash-plain deposits
Outwash plain of sand and gravel containing irregular depressions due to melting of buried or partly buried ice blocks; may include some outwash of Ronkonkoma ice sheet</p> | |
| Pleistocene | <p>Qhgm
Harbor Hill ground moraine deposits
Chiefly till; unsorted mixture of clay, sand, and boulders deposited by glacial ice; forms a thin veneer over area north of Harbor Hill terminal moraine; average thickness 5-10 feet, locally as much as 40 feet thick</p> | <p>Qhtm
Harbor Hill end moraine deposits
Thick accumulation of unsorted till and stratified sand and gravel; marks stationary front of an ice sheet</p> | |
| Pleistocene (?) | <p>Qrtm
Ronkonkoma terminal moraine deposits
Accumulation of unsorted till and stratified sand and gravel, marks stationary front of an ice sheet</p> | | |
| Tertiary (?) | <p>Tm
Mannetto Gravel
Chiefly quartz gravel and a few highly decayed pebbles and boulders of igneous and metamorphic rock; crossbedding common</p> | <p>Tm
Mannetto Gravel
Overlain in part by till of Ronkonkoma ice sheet</p> | |
| | <p>K
Cretaceous outcrop
Exposures of sand, clayey sand, and clay of various colors containing lignitic and ferruginous concretions; commonly deformed by ice movement</p> | | |
| | <p>Qaf
Artificial fill</p> | | |
| | <p>---
Contact
Dashed where approximate; not shown between some Recent deposits where transition is gradational</p> | | |

QUATERNARY

TERTIARY (?)

Base from U.S. Geological Survey topographic maps, 1954-55

Geology adapted from Fuller (1914), supplemented by John Isbister

GEOLOGIC MAP OF NORTHEASTERN NASSAU COUNTY, LONG ISLAND, NEW YORK

