

LEGEND

SURFICIAL ROCKS

(Areas of Surficial rocks are shown by patterns of dots and circles.)

- Pml**
Made land
- Pal**
Alluvium
(in stream bottoms)
- Ps**
Swamp muck
(tidal flats not included)
- Pbs**
Recent beach sand and gravel
- Pd**
Dunes and dune sand
- Psd**
Stratified drift
(locally very thin, with occasional rock exposures)
- Pdk**
Stratified drift with kames-like habit
- Plk**
Kames
(irregular hills or mounds of stratified drift)
- Pdt**
Stratified drift and till
(undifferentiated)
- Ptt**
Thin till
(with numerous rock exposures)
- Pt**
Till
(with occasional small rock exposures)

Post-Glacial Epoch

Epoch of Glacial Retreat

Epoch of Late Glacial Occupation

(Oyster Bay)

PLEISTOCENE

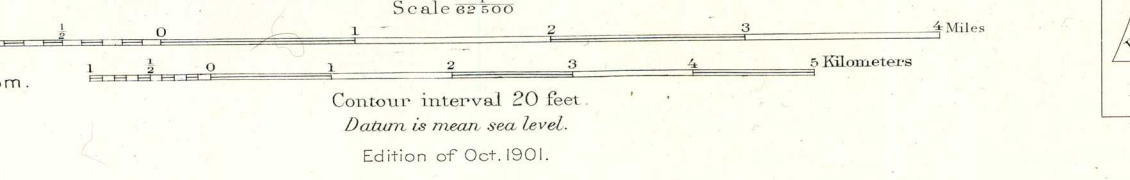
PRE-PLEISTOCENE

- bd**
Bed rock
(larger exposures of bed rock in places covered by thin till or stratified drift)

CLAY Clay pits in surficial deposits
S-G Sand and gravel pits

Letter symbols in parentheses indicate the directions which underlie swamp muck and dune sand.

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Triangulation by the U. S. Coast and Geodetic Survey.
Topography by the U. S. Coast and Geodetic Survey, N. Y. City Government, S. H. Bodfish, Frank Sutton, R. D. Cummin, E. B. Clark, and J. W. Thom.
Surveyed in 1888-89 and 1897 in cooperation with the State of New York;
Campbell W. Adams, State Engineer and Surveyor.



Geology by Rollin D. Salisbury,
Charles E. Peet, and Henry B. Kummel.
Surveyed in 1896.