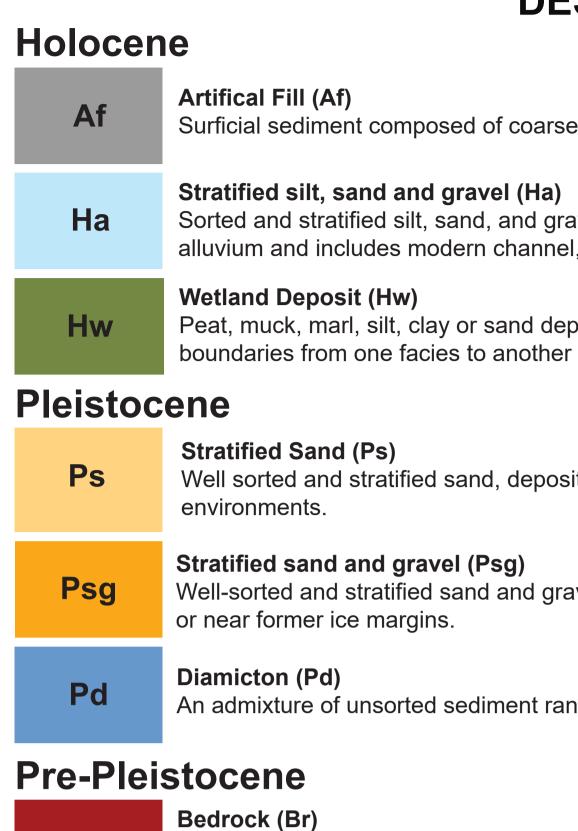


SURFICIAL GEOLOGY OF THE PORT JERVIS SOUTH 7.5-MINUTE QUADRANGLE, ORANGE COUNTY, NEW YORK Karl J. Backhaus and James R. Leone 2019

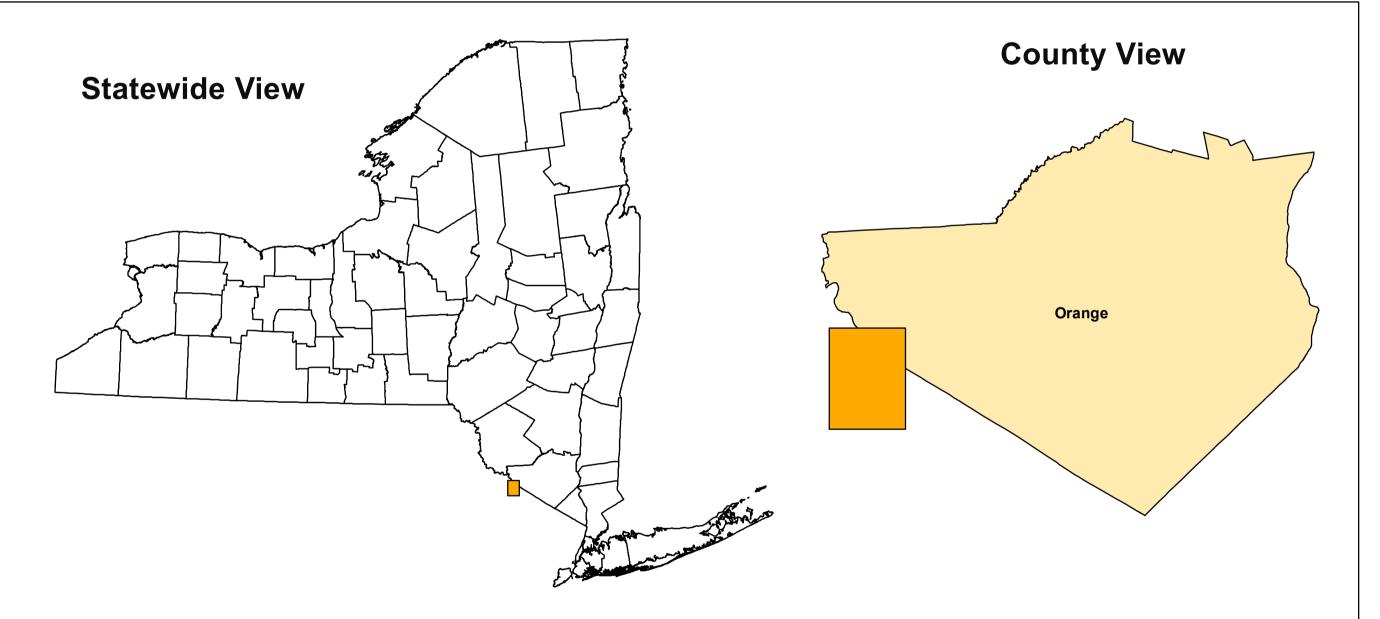
SURFICIAL GEOLOGY OF THE PORT JERVIS SOUTH 7.5-MINUTE QUADRANGLE, **ORANGE COUNTY, NEW YORK**

New York State Geological Survey



Br

Non-glacially derived, hard rock, pre-pleistocene in age. May be covered up to a meter in diamicton, sand and gravel, or sand and clay in areas marked as Br.



SYMBOLS

| | State Line |
|----------|--------------|
| Streets | Water Bodies |
| Highways | |
| | Streams |
| | Contours |

UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

> NOTICE This geologic map was funded in part by the New York State Museum Research and Collections Division in the year 2019. The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily presenting the official policies, either expressed or implied, of the U.S. Government. disclosed in this map and text, and urges independent site-specific verification of the information contained herein. Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by NYSED

prepared by Karl J. Backhaus and James R. Leone

Supported by the New York State Museum Research and Collections Division.

DESCRIPTION OF MAP UNITS

Surficial sediment composed of coarse/fine and or crushed rock anthropogenically transported and used for construction purposes.

Sorted and stratified silt, sand, and gravel, deposited by rivers and streams. May include cobbles and boulders. Inferred as post-glacial alluvium and includes modern channel, over-bank and fan deposits

Peat, muck, marl, silt, clay or sand deposited in association with wetland environments. Various sediments can be present at transitional

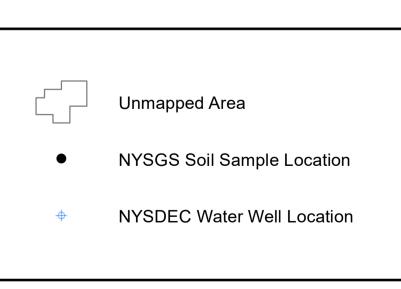
Well sorted and stratified sand, deposited by fluvial, lacustrine or eolian processes. Inferred as deposits associated with distal glacial

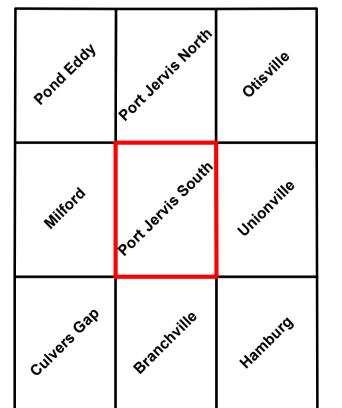
Well-sorted and stratified sand and gravel. May include cobbles and boulders. Inferred to be delta, fan or lag deposits in glacial channels

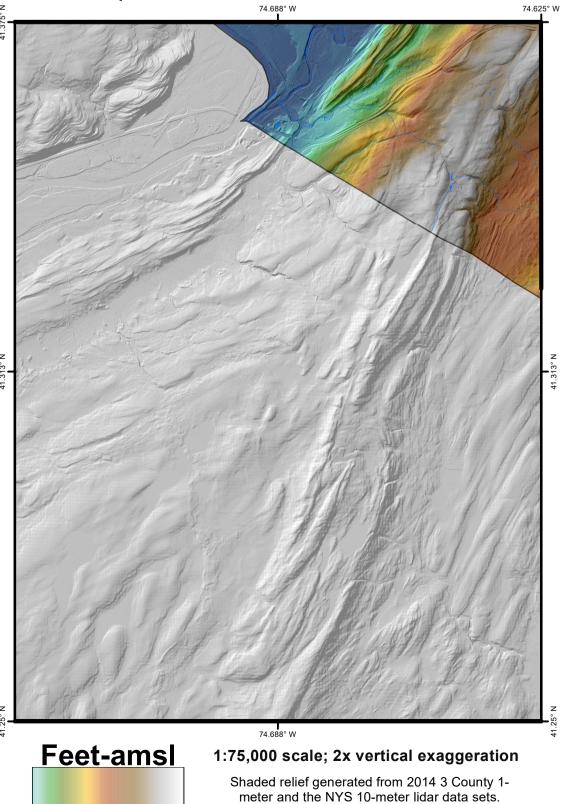
An admixture of unsorted sediment ranging from clay to boulders. Generally matrix supported, massive and clast-rich.

QUADRANGLE LOCATION









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QUADRANGLE ELEVATION