New York State Museum

Mark Schaming, Director

4NYSGSX
NEW YORK State Museum

New York State Geological Survey



SURFICIAL GEOLOGY OF THE LAKE COMO 7.5-MINUTE QUADRANGLE, DELAWARE COUNTY, NEW YORK

James R. Leone, Duane D. Braun and Karl J. Backhaus 2019

SURFICIAL GEOLOGY OF THE LAKE COMO 7.5-MINUTE QUADRANGLE, DELAWARE COUNTY, NEW YORK

prepared by
Karl J. Backhaus and James R. Leone

Supported in part by the National Park Service Task Agreement P15AC01351 in the year 2015.

DESCRIPTION OF MAP UNITS

Holocene

Stratified silt, sand and gravel (Ha)

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

Pleistocene

s s w

Stratified sand and gravel (Psg)

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

Pd

Diamicton (Pd)

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

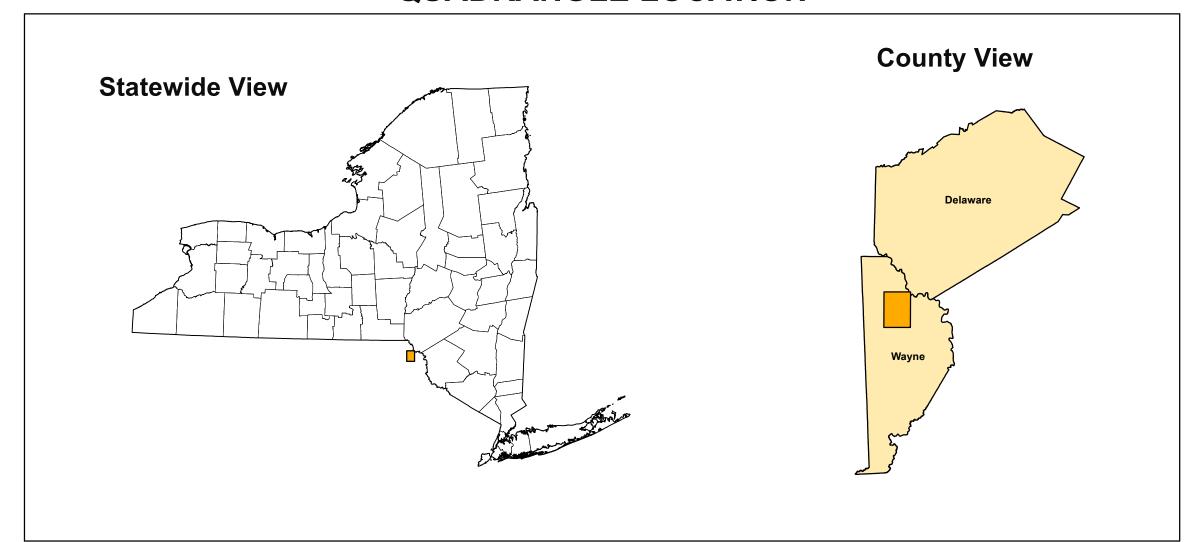
Pre-Pleistocene

Br

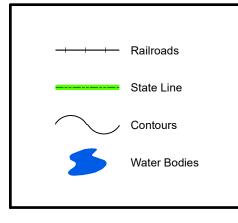
Bedrock (Br)

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.

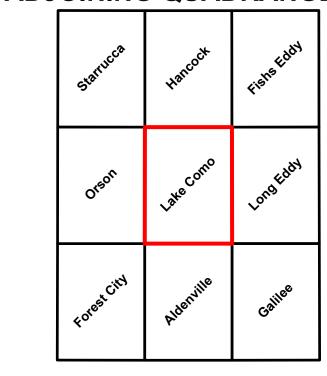
QUADRANGLE LOCATION



SYMBOLS



ADJOINING QUADRANGLES

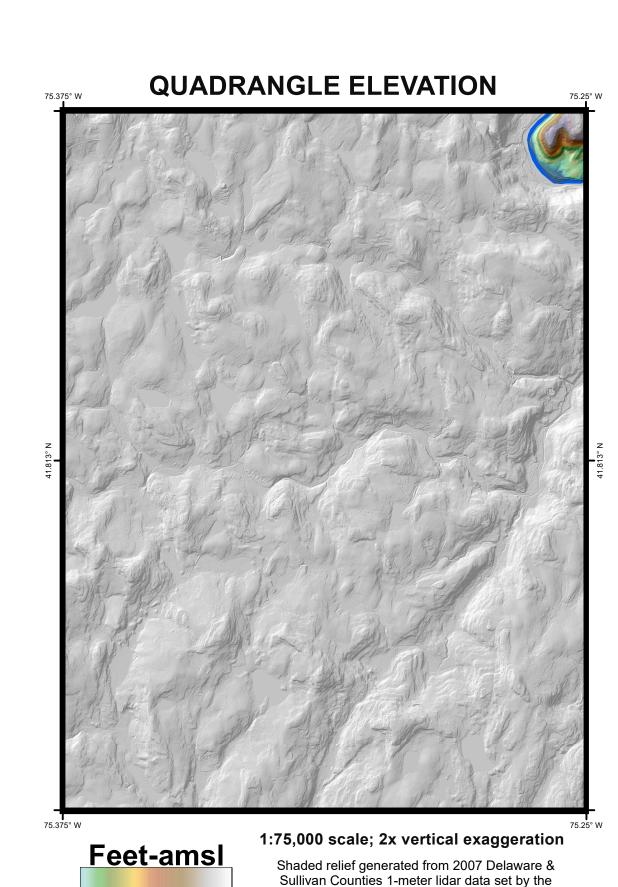


This geologi

This geologic map was funded in part by the National Park Service Task Agreement P15AC01351 for Geologic Mapping in Upper Delaware Scenic and Recreational River Phase 1 in the year 2015.

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.

While every effort has been made to ensure the integrity of this digital map and the factual data upon which it is based, the New York State Education Department ("NYSED") makes no representation or warranty, expressed or implied, with respect to its accuracy, completeness, or usefulness for any particular purpose or scale. NYSED assumes no liability for damages resulting from the use of any information, apparatus, method, or process disclosed in this map and text, and urges independent site-specific verification of the information contained



Federal Emergency Management Agency.

1465