



SURFICIAL GEOLOGY OF THE CICERO 7.5-MINUTE QUADRANGLE, ONONDAGA AND OSWEGO COUNTIES, NEW YORK

prepared by
Brian C. Bird and Karl J. Backhaus

Supported in part by the New York State Museum's Research and Collections Division

DESCRIPTION OF MAP UNITS

Holocene

Af	Artificial Fill (Af) Surficial sediment composed of coarse/fine and or crushed rock anthropogenically transported and used for construction purposes.
Ha	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
Hw	Wetland Deposit (Hw) Peat, muck, marl, silt, clay or sand deposited in association with wetland environments. Various sediments can be present at transitional boundaries from one facies to another

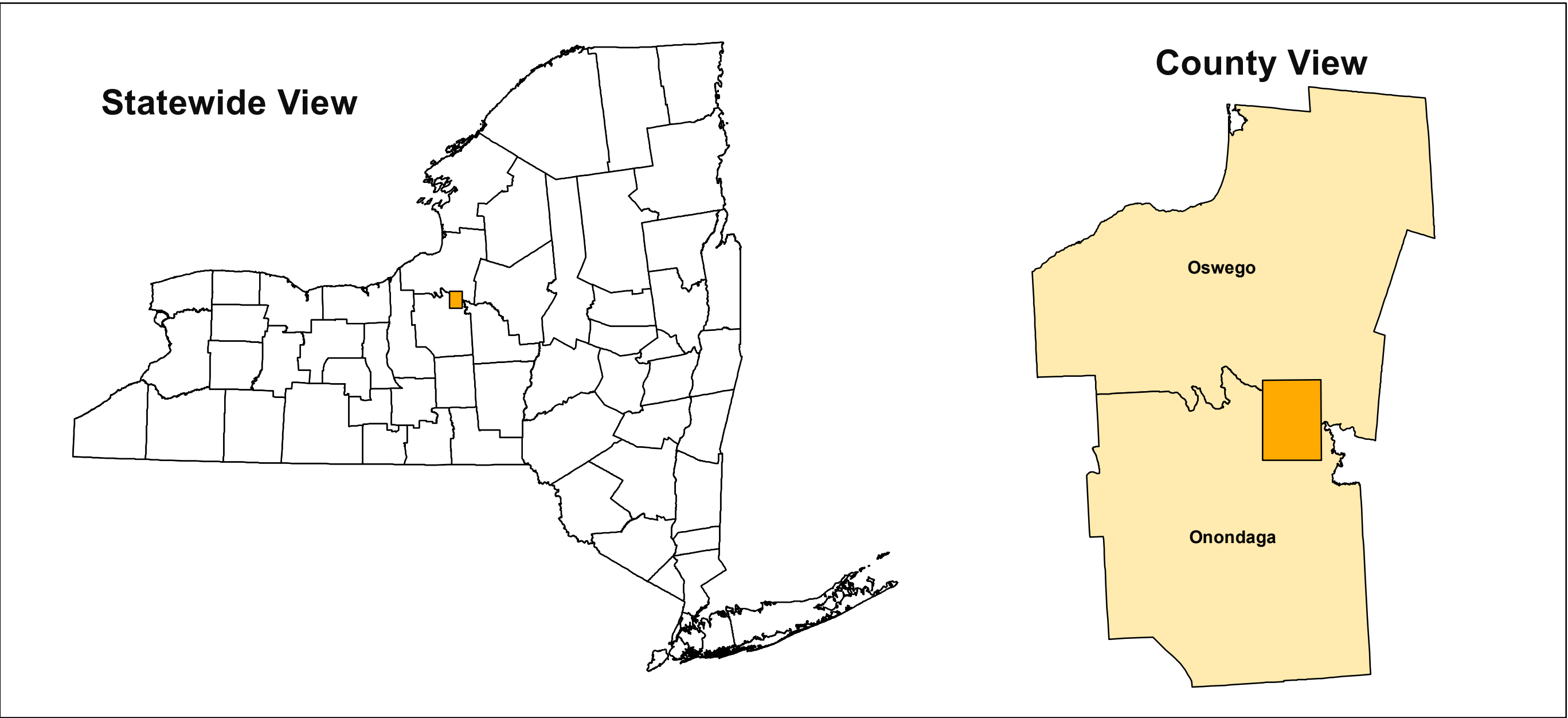
Pleistocene

Ps	Stratified Sand (Ps) Well sorted and stratified sand, deposited by fluvial, lacustrine or eolian processes. Inferred as deposits associated with distal glacial environments.
Plsc	Silt and Clay (Psc) Stratified, fine-grained sediment consisting of fine sand, silt and clay size particles. Inferred to be deposited in mid shore to deepwater settings of glacial lakes. May include marl, rythmites, and varves.
Psg	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.
Pdmm	Diamicton (Pdmm) 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.
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QUADRANGLE LOCATION

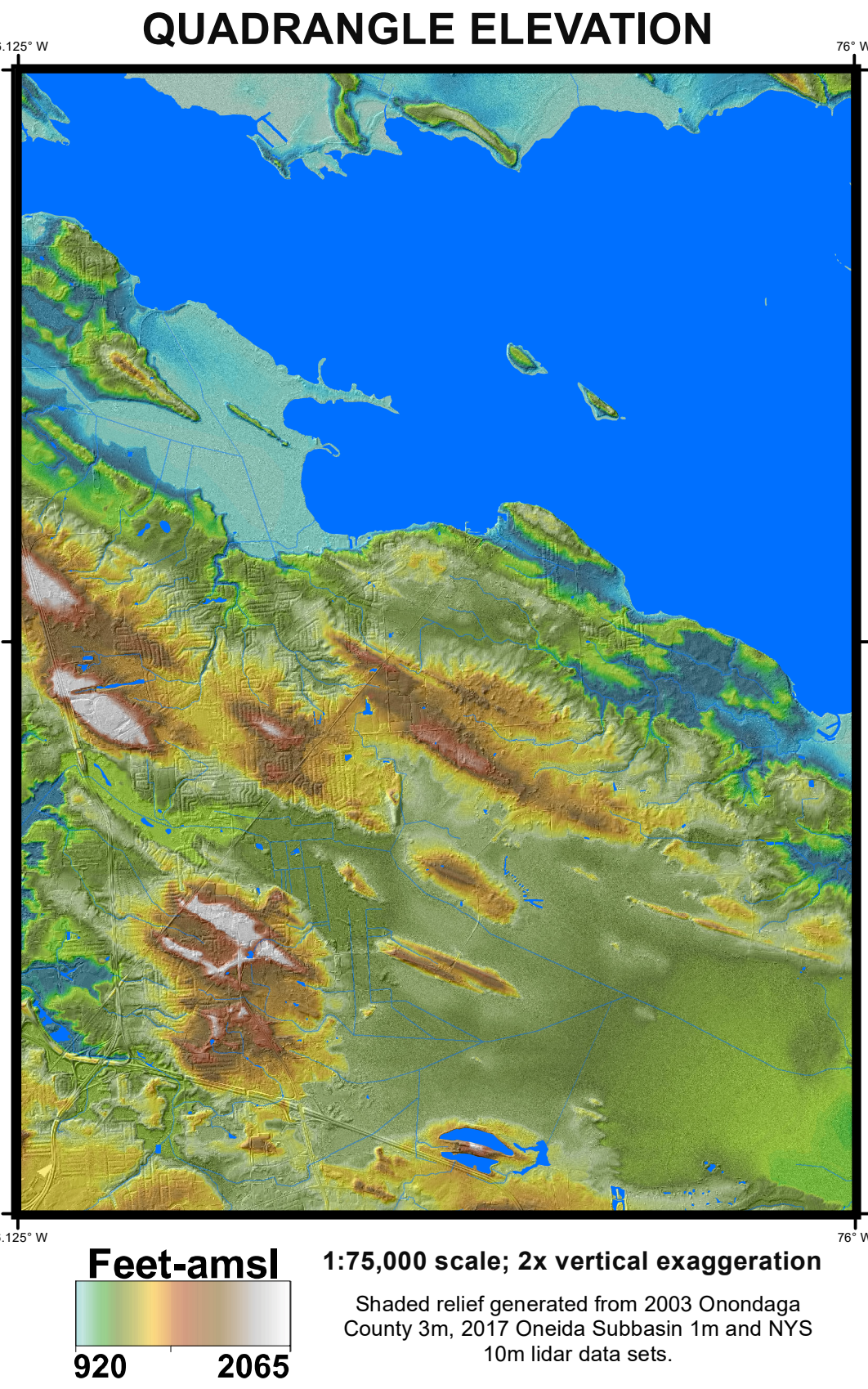


SYMBOLS

— Streets	~ Streams
— Highways	~ Contours
— County Line	+ NYSDEC Water Well Location
Water Bodies	+ NYSDOT Boring Location

ADJOINING QUADRANGLES

Central Square	Mallory	Panther Lake
Brewerton	Cicero	Cleveland
Syracuse West	Syracuse East	Manlius



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NOTICE
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