



KEY:

WRA Boundary

Park

Waterbody

Railroad

Highway

100-ft Contour

50-ft Contour

Surficial Geology Material

k - Kame Deposits
Includes kames, eskers, kame terraces
kame deltas, coarse to fine gravel and/or sand, deposition adjacent to ice, lateral variability in sorting, coarseness and thickness, locally firmly cemented with calcareous cement, thickness variable (10-30 meters).

ls - Lacustrine Sand
Sand deposits associated with large bodies of water, generally a near-shore deposit or near a sand source, well sorted, stratified, generally quartz sand, thickness variable (2-20 meters)

og - Outwash Sand and Gravel
Coarse to fine gravel with sand, proclacial fluvial deposition, well rounded and stratified, generally finer texture away from ice border thickness variable (2-20 meters)

t - Till
Variable texture (e.g. clay, silt-clay, boulder clay), usually poorly sorted diamict, deposition beneath glacier ice, relatively impermeable (loamy matrix), variabl clast content - potential land instability steep slopes, thickness variable (1-5- meters).

Source: City of Oneonta 2019-2023; Town of Oneonta 2022; Otsego County 2019-2022; NYSDEC 2019-2020; NHD 2019; NYSOGIS 2023; NYSOPRHP 2018-2019;

SURFICIAL GEOLOGY AND TOPOGRAPHY IN WRA

CITY OF ONEONTA AND TOWN OF ONEONTA
OTSEGO COUNTY