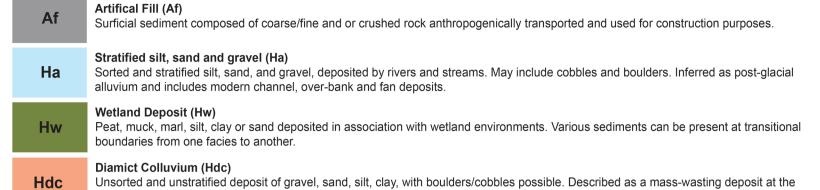
New York State Museum New York State Geological Survey Dr. Andrew L. Kozlowski, Director Mark Schaming, Director SCALE1:100,000 Digital data and cartography, D. Gerhard and K. Backhaus, 1995-99, 2023 Hygrology, and planimetry layers from the New York State DOT Raster Quadrangle separates for Geographic data layers from 2019 TIGER/Line shapes for transportation from the U.S. Census Bureau https://www.census.gov/cgi-bin/geo/shapefiles/index.ph lidar and hydrography data sets from the NYSGIS Clearinghouse (http://gis.ny.gov/elevation/index.cfm) CONTOUR INTERVAL: 10 FEET

SURFICIAL GEOLOGY OF COLUMBIA COUNTY, NEW YORK

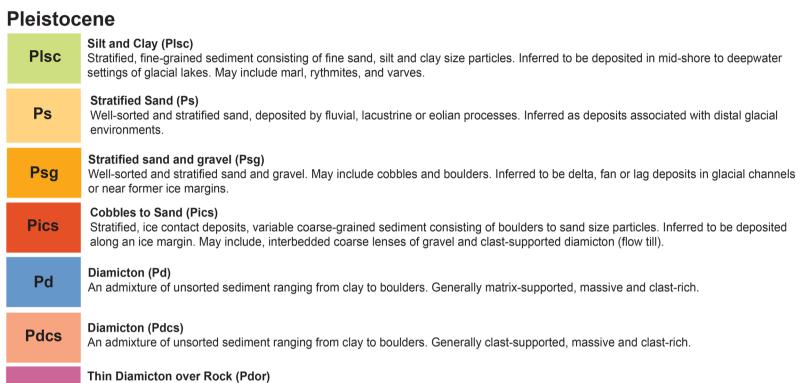
Donald H. Cadwell

Supported in part by the U.S Geological Survey's National Cooperative Geologic Mapping Program STATEMAP award G22AC00366.

Holocene



base of steep hillslopes and cliffs as part of a slump or hillslope failure.

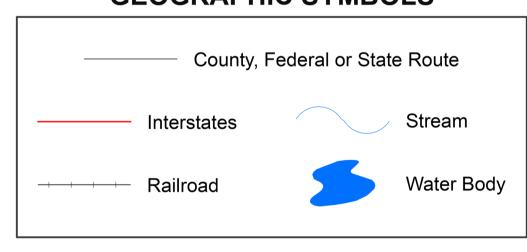


Pre-Pleistocene

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.

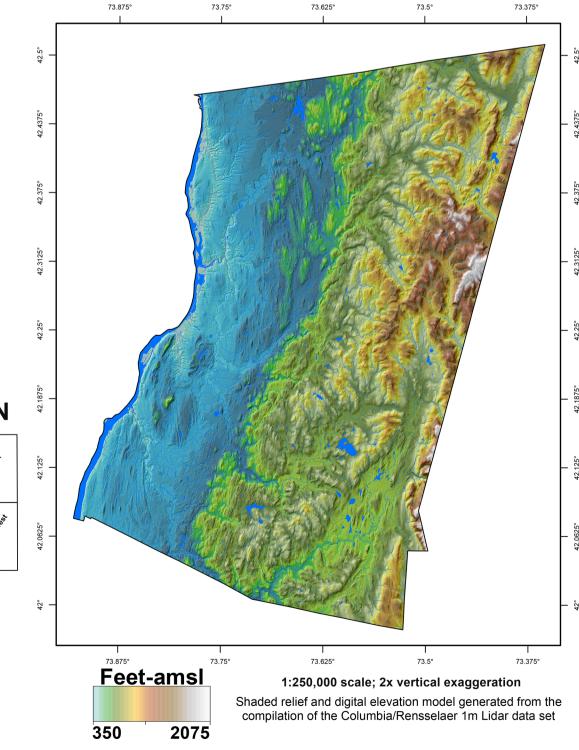
Predominantly matrix- or clast- supported diamicton that is less than 2 to 3 meters thick overlying bedrock. In some areas there may be bedrock outcrops but are very small and localized, otherwise surrounded by diamicton.

GEOGRAPHIC SYMBOLS



COUNTY LOCATION QUADRANGLES WITHIN ADJACENT COUNTIES: 1) Rensselaer 2) Albany 3) Greene 4) Ulster 5) Dutchess

USGS 7.5-Minute Quadrangles within Columbia County, New York



SHADED RELIEF and ELEVATION MAP

is map is a compilation of the surficial geologic completed in the 1990's for the New York State Emergency Management Organization. Geology was ma Donald Cadwell. Cartography and digital data of the county wide product generated with contributions from Donald Cadwell, David Gerhard, anchester, and Karl Backhaus.

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Donald H. Cadwell

SURFICIAL GEOLOGY OF COLUMBIA COUNTY, NEW YORK