SURFICIAL GEOLOGY OF THE SHELDRAKE 7.5-MINUTE QUADRANGLE, CAYUGA AND SENeca COUNTIES, NEW YORK
Andrew L. Kozlowski, James R. Leone, Brian C. Bird, and Charles J. Porreca
2016

DESCRIPTION OF MAP UNITS

Holocene

Af
Surficial sediments composed of coarse to fine sand or mixed basalt, pumice, and volcanic rock, transported and deposited by water and wind.

Ha
Quaternary and Holocene alluvium, aeolian sands, and gravel deposits. May include caliche, clay, and loess. Inferred as post-glacial in origin and may include till deposits.

Hw
Wetland deposits, colluvial deposits, or other deposits formed in association with wetland environments. Various sediments may be present at transitional boundaries. May include pro-glacial lakes and bogs and other water bodies.

Pleistocene

Ps
Sorted and stratified sand and gravel, deposited by fluvial, lacustrine, or eolian processes. Inferred as deposits associated with glacial environments.

Pag
Sorted sand and gravel (Pag) deposits and stratified sand and gravel. May include cobbles and boulders. Inferred to be deltaic, fan, or delta deposits in glacial channels or near lacustrine margins.

Pd
Oxidized Diamicton (Pd). An accumulation of unsorted, unstratified deposits ranging from clay to silt or silt to clay. Generally low in mineral content or clay-rich.

Pc
Oxidized (Pc) deposits. An accumulation of unsorted, unstratified deposits ranging from clay to silt. Generally more clay rich.

Pre-Pleistocene

Br
Non-pluvial, glacial, or pre-Pleistocene in age. May be covered up to a meter in diameter sized gravel and sand, or sand and clay in less-rounded strata.

SYMBOLS

WHITE
Shoreline
Highways
Water Bodies
County Line
Parish Line
Geologic Boundaries

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This page contains part of Project: Surficial Geology of New York State. Mapped areas include 1:25,000 scale quadrangles, 1:100,000 scale quadrangles, and the entire state. The New York State Geological Survey has developed and maintains the original dataset used by this project. The United States Geological Survey (USGS) is a partner in this project and provided assistance and guidance in the preparation of this map. The content of this page has been developed by a team of geologists and surveyors from the New York State Geological Survey and the New York State Department of Environmental Conservation. The New York State Geological Survey is an agency of the New York State Education Department. 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.