

## References for Pebby Loess

Research reports that describe pebbly loess on Long Island

Sarah Clahane, [Investigating Porosity and Soil Moisture in Bethpage State Park and its Impact on Ecology](#), ESS 601, 2018

Olivia Kaplan, [How Does the Grain Size, Infiltration Rate, and Grain Shape of the Pebby Loess Effect the Ecology of Bethpage State Park?](#), ESS 601, 2018

Deysi Garcia-Vilorio, Pebby Loess and Grain Size Analysis of the Pitch Pine Barrens and the Dwarf Pine Plains

Emily Caulfield, [The Mystery Behind the Dwarf Pine Plains: Ruling Out Physical Characteristics of the Pebby Loess](#), ESS 601, 2018

Alyssa DePinto, [The Effects of Pebby Loess and Soil Water Availability on the Ecology Within the Massapequa Preserve](#), ESS 601, 2018

Natalie Sabia, [A Survey of the Nature of Pebby Loess and Ecology in the Massapequa Preserve](#), ESS 601, 2018

Kimberly Guercio, [The Differential Composition of Pebby Loess at Different Depths on the North Fork of Long Island](#), ESS 601, 2017

Christopher Morrill, [An Investigation of Pebby Loess and Soil Textures on the South Fork of Long Island, NY](#), ESS 601 2017

Raymond Patelli, [An Investigation into the Events that Caused the Mixing of Pebbles into Loess Deposits on Long Island](#), ESS 601, 2017

Donna Shapiro, [Documenting the Presence of Pebby Loess in the Rocky Point Pine Barrens](#), ESS 601, 2017

Steven Hourigan, [Pebby Loess in Blydenburg and Caleb Smith Parks of Suffolk County, Long Island](#), ESS 601, 2017

Stoycho Velkovsky, [An analysis of soil infiltration rates in four Long Island ecosystems](#), ESS 601, 2017

Jessica Rezza, [Pebby Loess in the Pine Barrens of Central Suffolk County, Long Island](#), ESS 601, 2016

Matthew Bilello, [Variations of Pebby Loess and its Effect on the Flora Ecology of Southwestern Suffolk County, Long Island, New York](#), ESS 601, 2016

Joseph DeMarco, [Investigating the Presence of Pebby Loess in Nassau County, Long Island and its Impact on Plant Life](#), ESS 601, 2016

Arkin Mehter, [Extent of Pebby Loess and Impacts on Ecology in Southern Long Island](#), ESS 601, 2016

Breanna Podmore, [Analysis of pebbles from loess of David Weld Sanctuary, St. James, NY: What process brought these pebbles to the loess?](#) ESS 601, 2015

Alexandra Danz, [Beginning Stages to Determining the Primary Erosive Force that Shaped the Pebbles on Long Island, Site Location: Suffolk County Farm, Yaphank, NY](#), ESS 601, 2015

Sean Tvelia, [The Potential Impact Origin of Long Island's Carolina Bays and their Connection to the Younger Dryas Impact Hypothesis](#) Conference on the Geology of Long Island and Metropolitan New York, 2015

Keith Chojnacki, [Grain size analysis as a means to establish factors for determination of ecological settings](#), ESS 601, 2014

Katherine Dominguez, [Grain size analysis and soil stratigraphy across Suffolk County: Proxy for classification of sediment as a diamict](#), ESS 601, 2014

Timothy Clare, [Grain Size Analysis of Loess and Glacial Sediments at Stony Brook University](#), ESS 601 2013

Vesna Kundica, Jian Zhong , Sidney Hemming , Gilbert N. Hanson [Provenance of Loess on Long Island using single grain 40Ar/39Ar ages of muscovite](#), Conference on the Geology of Long Island and Metropolitan New York, 2007

## Research Report on pebbly loess in Westchester County New York

Alexandra Danz, [Comparing Westchester Sediment to Long Island Loess: A Mapping Project](#) 2016

### Masters theses describing pebbly loess on Long Island

William Nieter, [A Late Wisconsin loess deposit in southeastern Long Island, New York,](#) 1975

Jian Zhong, [Evaluation of Ar-Ar ages of Individual Mica Grains for Provenance Studies of Loess, Long Island, NY,](#) 2001

Vesna Kundic, [Age and Provenance of Long Island Loess](#) 2005

Courtney Melrose, [Polymodal Grain-size Modes in Long Island Sands, Silts, and Weathered Bedrock](#) 2014

### Publication

Kundic, V., Hemming, S., and Hanson, G.N., [Single-grain 40Ar/39Ar ages of detrital muscovite from loess on Long Island, New York](#) (Special Paper 487) Mineralogical and Geochemical Approaches to Provenance, ed. E.T. Rasbury, S.R. Hemming and N.R. Riggs, Geological Society of America, 487, 105-111 (2012)

### Pebby Loess Reports outside of New York

Everett, K.R., Hall G.F. and Wilding, L.P., 1971, Wisconsin Age Cryoturbation Features in Central Ohio, GSA Bull., 82, 1407-

Hoffecker, J.F. and Elias, S.A. 2007, Human Ecology of Beringia, Columbia University Press, 290 p.

Haeussler, PJ and CF Waythomas, 2011, Review of the Origin of the Braid Scarp near the Pebble Prospect, Southwestern Alaska, Open-File Report 2011-1028,  
<https://pubs.usgs.gov/of/2011/1028/pdf/ofr2011028.pdf>

Kay, G.F. and Lees, J.H., 1915, Iowa Geological Survey Annual Report

<http://books.google.com/books?id=pxYMAAAAYAAJ&pg=PA343&lpg=PA343&dq=pebble+loess&source=bl&ots=8RkbRQAafT&sig=9fdkKTI3YrhDXOXnuoH3xLd0b-o&hl=en&sa=X&ei=rCj5UcjlsdLG4APql4GQDA&ved=0CEEQ6AEwBQ#v=onepage&q=pebble%20loess&f=false>

Kay, George, F., May-Jun., 1931, Origin of the Pebble Band on Iowan Till, The Journal of Geology, Vol. 39, No. 4, 377-380, pp <http://www.jstor.org/stable/30080790?seq=4>

Leverett, F. and Sanderson, F.W., 1932, Quaternary Geology of Minnesota and Parts of Adjacent States, 49 p.

<http://books.google.com/books?id=p9g9AAAAMAAJ&pg=PA39&lpg=PA39&dq=pebbly+loess&source=bl&ots=udV3zDjDYa&sig=f4RC-TGwmJ6gNL6TabX6Syxcqkl&hl=en&sa=X&ei=wiz5Ub2tDqv64AO-3YC4CA&ved=0CDEQ6AEwATgK#v=onepage&q=pebbly%20loess&f=false>