



## USDA-NRCS Soil Survey Data Available for New Jersey Counties

### Online Soil Survey

National Soil Survey data is maintained by NRCS Soil Scientists in SSURGO (Soil Survey Geographic Database). SSURGO spatial data (digital soil maps) and tabular data (attribute and interpretation data) can be viewed on the **Web Soil Survey** website and downloaded from the **Soil Data Mart**. The most up-to-date data is available from these sources.



**Web Soil Survey** – Select your *area of interest* on the online map to view maps and aerial photographs; access interpretation reports, and more, for areas up to 10,000 acres. If you have access to the Internet, you are ready to utilize the Web Soil Survey. <http://websoilsurvey.nrcs.usda.gov/app/>

**Soil Data Mart** – SSURGO spatial data and tabular data are available for download for use in GIS (Geographic Information Systems). Interpretation reports can be viewed online. Soil Data Mart users who register at the website will be advised by email when updated SSURGO data becomes available. <http://soildatamart.nrcs.usda.gov/>



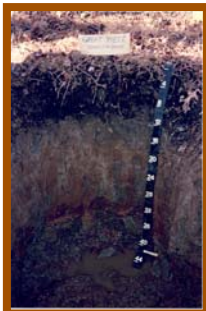
### Historic Soil Survey

Historic data is still available for many counties in **book form** or as **PDF files available on CD**. Some counties also have a **“Soil Searcher”**, which allows non-GIS customers to view SSURGO digital soils data layers of most up-to-date information available at the product’s creation date. Check with your local Soil Conservation District or NRCS Service Center for availability of these formats. (Contact information for NJ soil conservation districts at <http://www.nacdnet.org/resources/NJ.htm> and NRCS at <http://www.nj.nrcs.usda.gov/> )



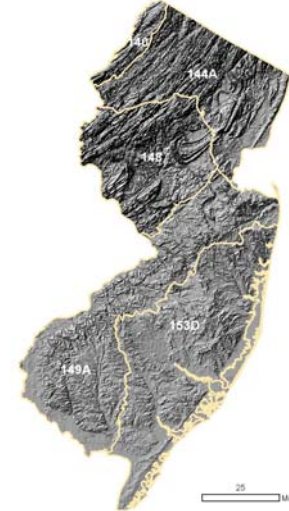
**Book form or hard copy** – Traditional soil survey manual includes soil maps, a manuscript of soil descriptions and interpretation tables.

**Computer CD** – Provides traditional Soil Survey in PDF format. Available for some updated soil surveys and as “historical” replicas of some older soil surveys.



**“Soil Searcher” CD** – SSURGO digital soils data layers and other GIS layers, such as digital ortho-photography, streams, and roads, as well as interpretation maps, can be generated from this product. A computer with a working CD drive is all you need to view this material.

The photos at left show one of the soil series found in each of New Jersey’s five MLRAs (Major Land Resource Areas).



MLRA 140 – Glaciated Allegheny Plateau and Catskill Mountain

MLRA 144A – New England and Eastern New York Upland, Southern Part

MLRA 148 – Northern Piedmont

MLRA 149A – Northern Coastal Plain

MLRA 153D – Northern Tidewater Area

Visit the New Jersey NRCS website for tips and links to guidance on how to locate and use these tools.  
<http://www.nj.nrcs.usda.gov/soils>