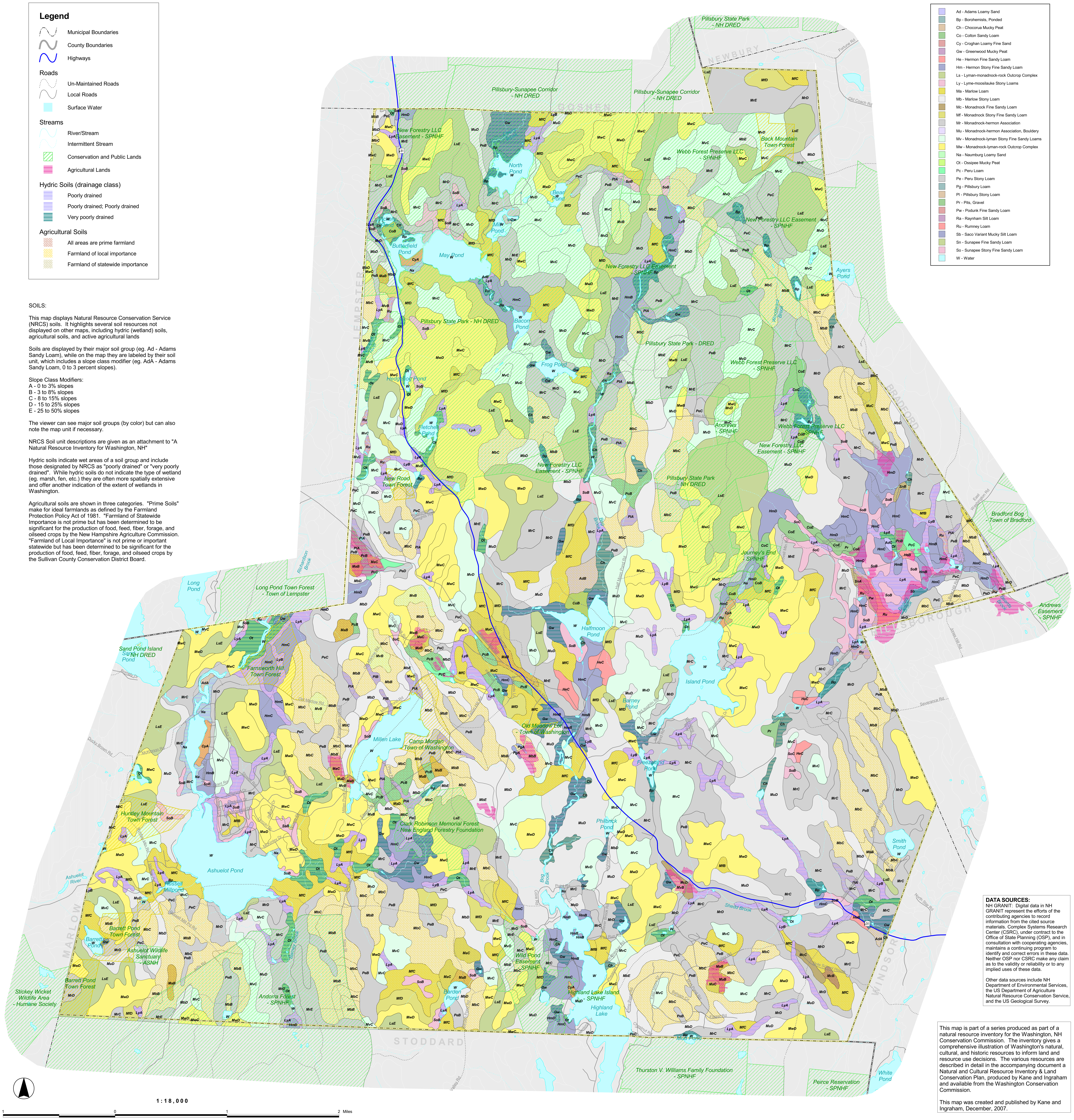
S O I L S

Washington, New Hampshire



Legend

Municipal Boundaries
County Boundaries
Highways

Roads

Un-Maintained Roads
Local Roads
Surface Water

Streams

River/Stream
Intermittent Stream
Conservation and Public Lands
Agricultural Lands

Hydric Soils (drainage class)

Poorly drained
Poorly drained; Poorly drained
Very poorly drained

Agricultural Soils

All areas are prime farmland
Farmland of local importance
Farmland of statewide importance

SOILS:

This map displays Natural Resource Conservation Service (NRCS) soils. It highlights several soil resources not displayed on other maps, including hydric (wetland) soils, agricultural soils, and active agricultural lands

Soils are displayed by their major soil group (eg. Ad - Adams Sandy Loam), while on the map they are labeled by their soil unit, which includes a slope class modifier (eg. AdA - Adams Sandy Loam, 0 to 3 percent slopes).

Slope Class Modifiers:
A - 0 to 3% slopes
B - 3 to 8% slopes
C - 8 to 15% slopes
D - 15 to 25% slopes
E - 25 to 50% slopes

The viewer can see major soil groups (by color) but can also note the map unit if necessary.

NRCS Soil unit descriptions are given as an attachment to "A Natural Resource Inventory for Washington, NH"

Hydric soils indicate wet areas of a soil group and include those designated by NRCS as "poorly drained" or "very poorly drained". While hydric soils do not indicate the type of wetland (eg. marsh, fen, etc.) they are often more spatially extensive and offer another indication of the extent of wetlands in Washington.

Agricultural soils are shown in three categories. "Prime Soils" make for ideal farmlands as defined by the Farmland Protection Policy Act of 1981. "Farmland of Statewide Importance is not prime but has been determined to be significant for the production of food, feed, fiber, forage, and oilseed crops by the New Hampshire Agriculture Commission. "Farmland of Local Importance" is not prime or important statewide but has been determined to be significant for the production of food, feed, fiber, forage, and oilseed crops by the Sullivan County Conservation District Board.

Ad - Adams Loamy Sand
Bp - Borohemists, Ponded
Ch - Chocorua Mucky Peat
Co - Colton Sandy Loam
Cy - Croghan Loamy Fine Sand
Gw - Greenwood Mucky Peat
He - Hermon Fine Sandy Loam
Hm - Hermon Stony Fine Sandy Loam
Ls - Lyman-monadnock-rock Outcrop Complex
Ly - Lyme-moosilauke Stony Loams
Ma - Marlow Loam
Mb - Marlow Stony Loam
Mc - Monadnock Fine Sandy Loam
Mf - Monadnock Stony Fine Sandy Loam
Mr - Monadnock-hermon Association
Mu - Monadnock-hermon Association, Bouldery
Mv - Monadnock-lyman Stony Fine Sandy Loams
Mw - Monadnock-lyman-rock Outcrop Complex
Na - Naumburg Loamy Sand
Ot - Ossipee Mucky Peat
Pc - Peru Loam
Pe - Peru Stony Loam
Pg - Pillsbury Loam
Pl - Pillsbury Stony Loam
Pr - Pits, Gravel
Pw - Podunk Fine Sandy Loam
Ra - Raynham Silt Loam
Ru - Rumney Loam
Sb - Saco Variant Mucky Silt Loam
Sn - Sunapee Fine Sandy Loam
So - Sunapee Stony Fine Sandy Loam
W - Water

DATA SOURCES:
NH GRANIT: Digital data in NH GRANIT represent the efforts of the contributing agencies to record information from the cited source materials. Complex Systems Research Center (CSRC), under contract to the Office of State Planning (OSP), and in consultation with cooperating agencies, maintains a continuing program to identify and correct errors in these data. Neither OSP nor CSRC make any claim as to the validity or reliability or to any implied uses of these data.

Other data sources include NH Department of Environmental Services, the US Department of Agriculture Natural Resource Conservation Service, and the US Geological Survey.

This map is part of a series produced as part of a natural resource inventory for the Washington, NH Conservation Commission. The inventory gives a comprehensive illustration of Washington's natural, cultural, and historic resources to inform land and resource use decisions. The various resources are described in detail in the accompanying document a Natural and Cultural Resource Inventory & Land Conservation Plan, produced by Kane and Ingraham and available from the Washington Conservation Commission.

This map was created and published by Kane and Ingraham, December, 2007.

Natural Resource Inventory

Kane & Ingraham