

AGRICULTURAL SOILS MAP
OF
GILFORD
NEW HAMPSHIRE

SCALE: 1" = 5000'

0 1,250 2,500 5,000 7,500 10,000 12,500

0.5 0.25 0 0.5 1 1.5 Feet

Miles

Legend

Perenial Stream

Intermittent Stream

Property Lines

Gilford Farms

NRCS Farmland Soils

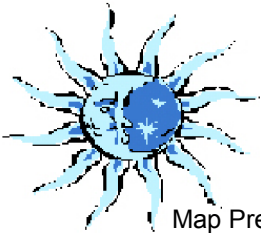
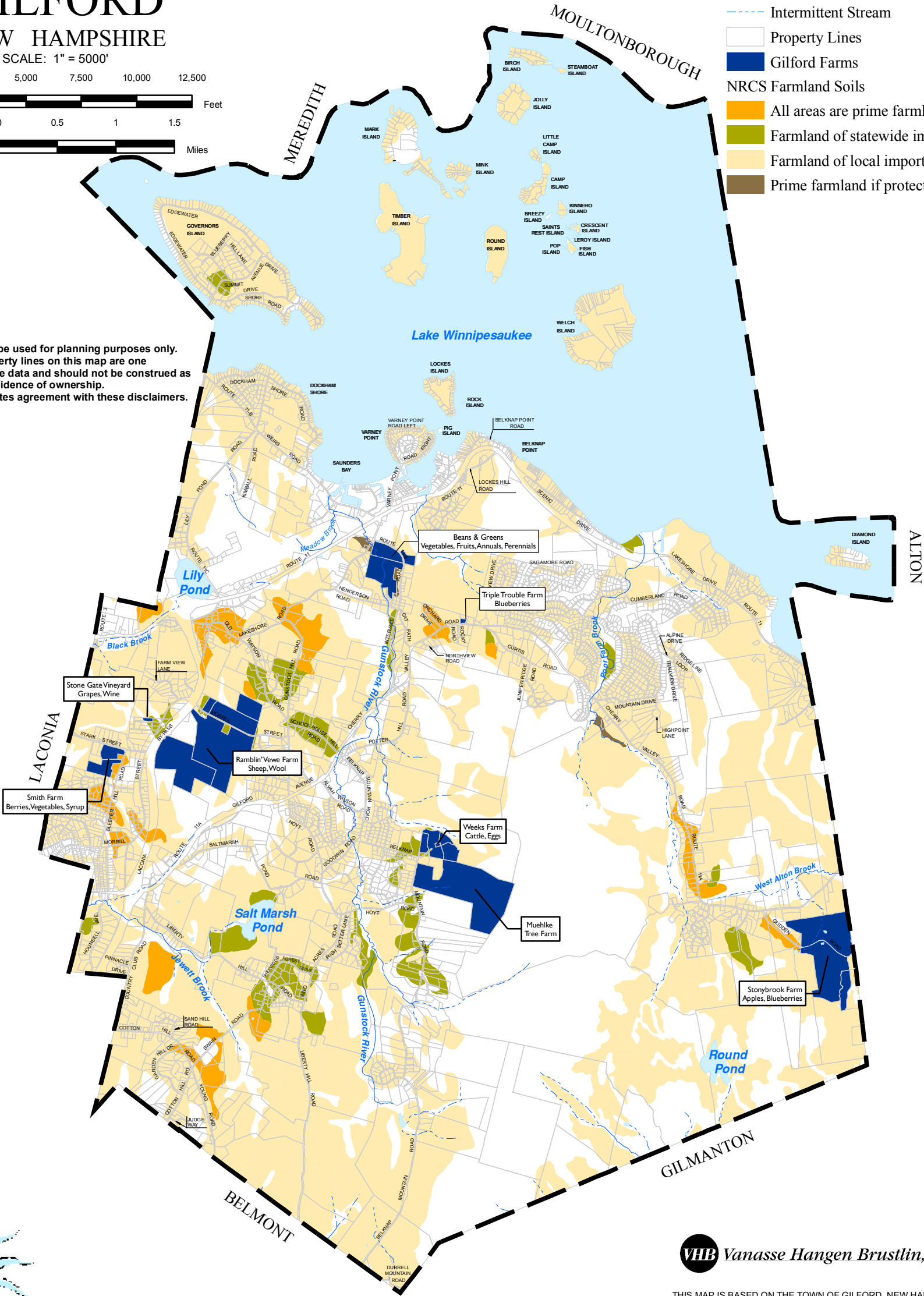
All areas are prime farmland

Farmland of statewide importance

Farmland of local importance

Prime farmland if protected from flooding

This map is intended to be used for planning purposes only. Representations of property lines on this map are one interpretation of available data and should not be construed as binding or conclusive evidence of ownership. Use of this map constitutes agreement with these disclaimers.



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THIS MAP IS BASED ON THE TOWN OF GILFORD, NEW HAMPSHIRE PROPERTY MAPS. ORIGINAL MAPS WERE PREPARED IN 1986 BY CARTOGRAPHIC ASSOCIATES, INC. A MAJOR REVISION OF THE MAPS AND DIGITAL DATA WAS PRODUCED IN 2005. THIS MAP IS INTENDED FOR REFERENCE AND PLANNING PURPOSES ONLY.

Town of Gilford
New Hampshire
Agricultural Soils Map

Prime Farmland 547 Acres
Of Statewide Importance 656 Acres
Of Local Importance 13,712 Acres

Prime Farmland

- Soils that have the ability to grow commonly grown cultivated crops adapted to New Hampshire in 7 or more years out of 10.
- Soils with no water table or a water table that is maintained at a sufficient depth during the cropping season to allow cultivated crops common to New Hampshire to be grown.
- Soils that are not frequently flooded during the growing season (less than a 50% chance in any year or the soil floods less than 50 years out of 100.)
- The product of the erodibility factor times the percent slope is less than 2.0, and the product of soil erodibility and the climate factor does not exceed 60.
- Soils that have a permeability rate of at least 0.06 inches per hour in the upper 20 inches.
- Soils that have less than 10 percent of the upper 6 inches consisting of rock fragments larger than 3 inches in diameter.

Statewide Importance

- Are not prime and have slopes of less than 15 percent
- Are not stony, very stony or bouldery
- Are not somewhat poorly, poorly or very poorly drained
- Includes soil complexes comprised of less than 30 percent shallow soils and rock outcrop and slopes do not exceed 8 percent.
- Are not excessively drained soils developed in stratified glacial drift, generally having low available water holding capacity.

Local Importance

- Soils that are poorly drained, have artificial drainage established and are being farmed.
- Specific soil map units identified from the NRCS county soil survey legend, as determined by the Conservation District Board.
- Soils that are not prime or unique farmland or soils of statewide importance and meet the following criteria:
 1. Have slopes less than 25%
 2. Are not extremely stony or bouldery
 3. Are not poorly or very poorly drained
 4. Complexes consisting of less than 40 percent shallow soils and rock outcrop and slopes do not exceed 25 percent.

Data

Besides data from the Base Map, this map contains the following:

Soils data from USDA and the Natural Resources Conservation Service Soil Data Mart for Belknap County.
Farm data provided by the UNH Cooperative Extension and Director of Planning.



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 Energy & Planning (OEP), and in conjunction with cooperating agencies, maintains a continuing program to identify and correct errors in these data. Neither OEP nor CSRC make any claim as to the validity or reliability or to any implied uses of these data.

As of March 2011, this data represents the best of our knowledge.

Gilford, NH
Natural Resources Inventory
April 2011

Figure 4