

FOREST 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

0.5 0.25 0 0.5 1 1.5 Miles

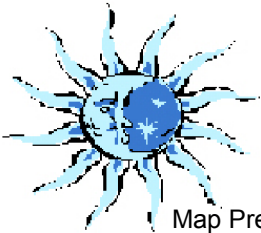
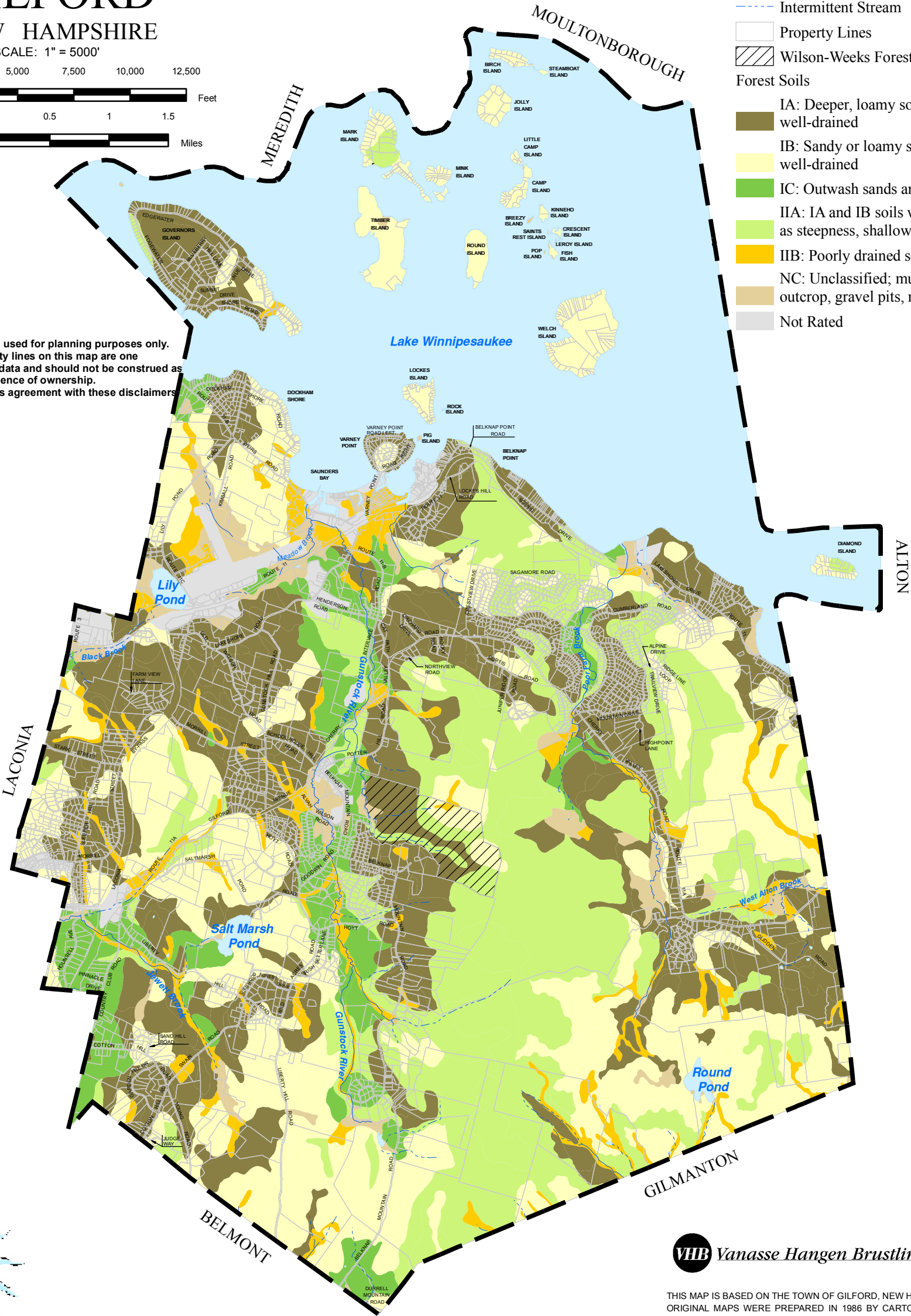
Legend

- Perennial Stream
- Intermittent Stream
- Property Lines
- Wilson-Weeks Forest

Forest Soils

- IA: Deeper, loamy soils, moderately to well-drained
- IB: Sandy or loamy soils, moderately to well-drained
- IC: Outwash sands and gravels
- IIA: IA and IB soils with limitations such as steepness, shallow to bedrock or rocky
- IIB: Poorly drained soils
- NC: Unclassified; muck and peat, rock outcrop, gravel pits, marsh
- Not Rated

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.



Map Prepared By Blue Moon Environmental, Inc.

VHB Vanasse Hangen Brustlin, Inc.



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
Forest Soils Map

Forest Soils

- IA** Deeper, loamy textured, moderately well, and well-drained soils. Generally are more fertile and have the most favorable soil moisture relationships.
- IB** Generally sandy or loamy over sandy textures and slightly less fertile than those in group IA. These soils are moderately well and well drained. Soil moisture is adequate for good tree growth, but may not be quite as abundant as in group IA soils.
- IC** Outwash sands and gravels. Soil drainage is somewhat excessively to excessively drained and moderately well drained. Soil moisture is adequate for good softwood growth, but is limited for hardwoods. Ideally suited for forest management.
- IIA** This diverse group includes many of the same soils as in groups IA and IB. However, these mapping units have been separated because of physical limitations which make forest management more difficult and costly, i.e., steep slopes, bedrock outcrops, erosive textures, surface boulders, and extreme rockiness.
- IIB** The soils in this group are poorly drained. The seasonal high water table is generally within 12 inches of the surface. Productivity of these poorly drained soils is generally less than soils in other groups.
- NC** Several mapping units in the survey are either so variable or have such a limited potential for commercial production of forest products they have not been considered. Often an on-site visit would be required to evaluate the situation.

Town Forests

Gilford only has one town forest, known as Wilson-Weeks Forest. The forest holds 146.8 acres, and is a permanent conservation land, with the town as its primary protecting agency.

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.
Forest soil rating provided by the Society for the Protection of NH Forests



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
March 2011

Figure 5