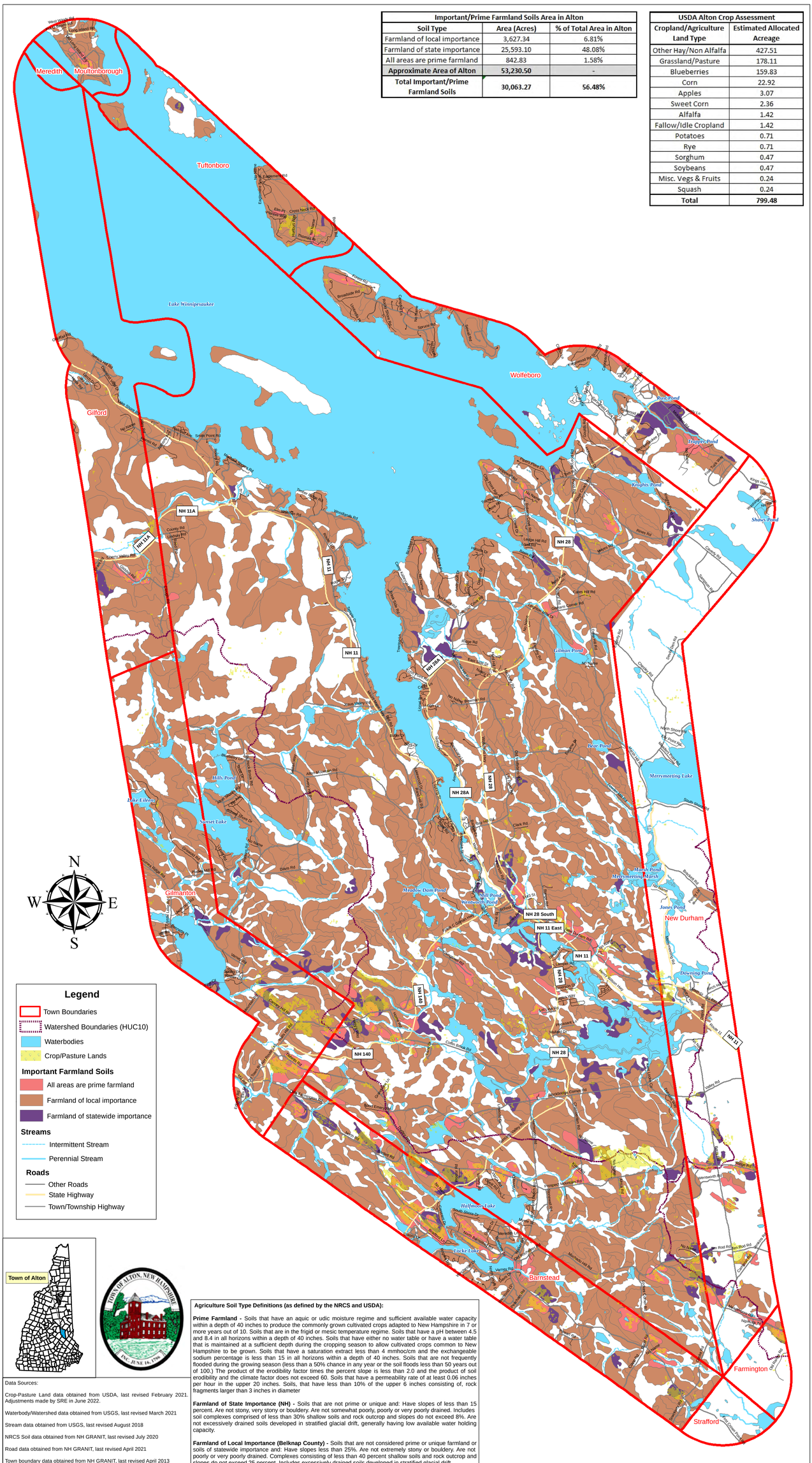
Alton Important Agriculture Soils

Important/Prime Farmland Soils Area in Alton		
Soil Type	**Area (Acres)**	**% of Total Area in Alton**
Farmland of local importance	3,627.34	6.81%
Farmland of state importance	25,593.10	48.08%
All areas are prime farmland	842.83	1.58%
Approximate Area of Alton	**53,230.50**	-
Total Important/Prime Farmland Soils	**30,063.27**	**56.48%**

USDA Alton Crop Assessment	
Cropland/Agriculture Land Type	**Estimated Allocated Acreage**
Other Hay/Non Alfalfa	427.51
Grassland/Pasture	178.11
Blueberries	159.83
Corn	22.92
Apples	3.07
Sweet Corn	2.36
Alfalfa	1.42
Fallow/Idle Cropland	1.42
Potatoes	0.71
Rye	0.71
Sorghum	0.47
Soybeans	0.47
Misc. Vegs & Fruits	0.24
Squash	0.24
Total	**799.48**



Legend

- Town Boundaries
- Watershed Boundaries (HUC10)
- Waterbodies
- Crop/Pasture Lands

Important Farmland Soils

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

Streams

- Intermittent Stream
- Perennial Stream

Roads

- Other Roads
- State Highway
- Town/Township Highway

Agriculture Soil Type Definitions (as defined by the NRCS and USDA):

Prime Farmland - Soils that have an aquic or udic moisture regime and sufficient available water capacity within a depth of 40 inches to produce the commonly grown cultivated crops adapted to New Hampshire in 7 or more years out of 10. Soils that are in the frigid or mesic temperature regime. Soils that have a pH between 4.5 and 8.4 in all horizons within a depth of 40 inches. Soils that have either no water table or have 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 have a saturation extract less than 4 mmhoc/cm and the exchangeable sodium percentage is less than 15 in all horizons within a depth of 40 inches. 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% of the upper 6 inches consisting of, rock fragments larger than 3 inches in diameter

Farmland of State Importance (NH) - Soils that are not prime or unique 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% shallow soils and rock outcrop and slopes do not exceed 8%. Are not excessively drained soils developed in stratified glacial drift, generally having low available water holding capacity.

Farmland of Local Importance (Belknap County) - Soils that are not considered prime or unique farmland or soils of statewide importance and: Have slopes less than 25%. Are not extremely stony or bouldery. Are not poorly or very poorly drained. Complexes consisting of less than 40 percent shallow soils and rock outcrop and slopes do not exceed 25 percent. Includes excessively drained soils developed in stratified glacial drift.

Data Sources:

Crop-Pasture Land data obtained from USDA, last revised February 2021. Adjustments made by SRE in June 2022.

Waterbody/Watershed data obtained from USGS, last revised March 2021

Stream data obtained from USGS, last revised August 2018

NRCS Soil data obtained from NH GRANIT, last revised July 2020

Road data obtained from NH GRANIT, last revised April 2021

Town boundary data obtained from NH GRANIT, last revised April 2013

Coordinate System: NAD 1983 StatePlane New Hampshire FIPS 2800 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 984,250.0000
False Northing: 0.0000
Central Meridian: -71.6667
Scale Factor: 1.0000
Latitude Of Origin: 42.5000
Units: Foot US

Scale: 1 inch = 0.5 miles

0 0.5 1 1.5 2 Miles

Alton Important Agriculture Soils NRI Map
Created: September 28, 2021
Last revised: October 6, 2022

Prepared for the Town of Alton, NH
This map should only be used for planning purposes, not for legal bound interpretation.

Stoney Ridge Environmental, LLC
8 Kiana Road
Alton, NH 03809
Phone: 603-776-5825