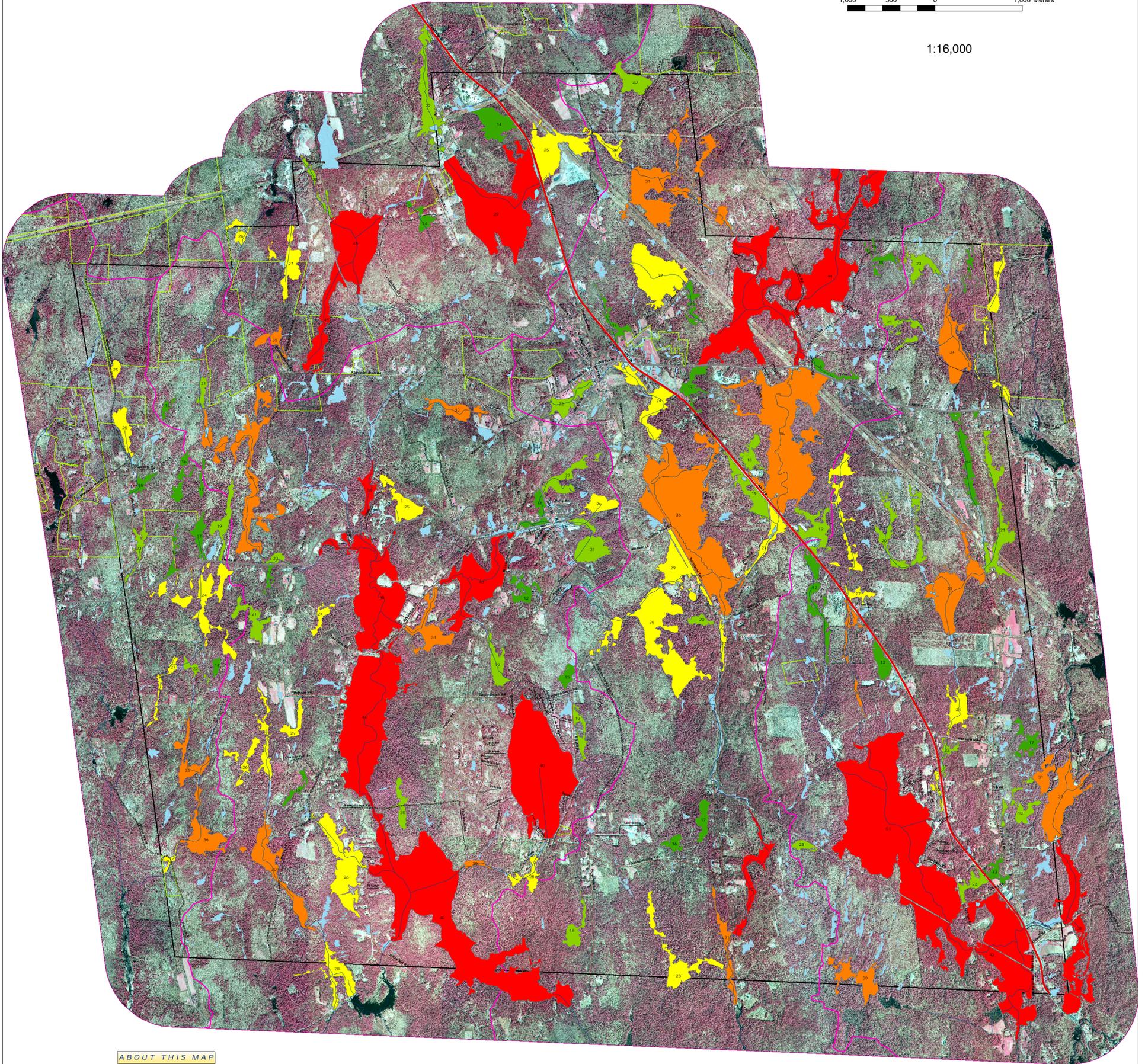
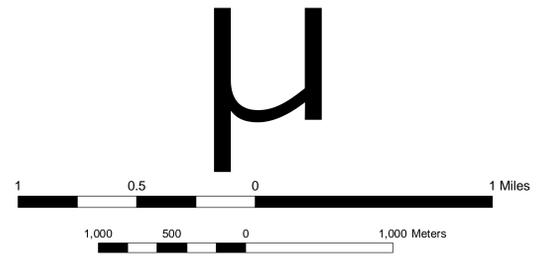


WETLANDS of FITZWILLIAM

Showing Wetland Evaluation Units
As Point-ranked by 11 Attributes



ABOUT THIS MAP

This map was created from NH GRANIT data layers, as obtained from UNH Complex Systems Research Center, Durham, NH. The 2010 1-foot pixel, color infrared aerial photograph was flown by NHDOT and processed by CSRC. Other base layers included the NHDOT Roads layer (2013), the USGS 10-foot contour data, and the National Hydrography Dataset (NHD). Wetlands were mapped using these layers, as well as the 2011 web soil survey data for Cheshire County, the National Wetlands Inventory (NWI), and aerial photo interpretation (API). Limited roadside field evidence was also utilized from surveys between March and October of 2015.

Wetland units shown in light blue contain individual polygons that correspond to NWI cover classes as well as soil types. These units comprise individual wetlands that are smaller than 3.5 acres in size. Wetland units shown in yellow to red have been aggregated into WEUs (Wetland Evaluation Units) for evaluation purposes. WEUs have been delimited on the basis of guidance provided by the "Method for Inventorying and Evaluating Freshwater Wetlands in New Hampshire" (NH Method). These WEUs were then evaluated using a point-based, hybrid assessment methodology that evaluated 11 wetland attributes (81 max pts), specifically:

- 1) Size
- 2) Association with perennial water bodies
- 3) Relationship to active floodplains
- 4) Position relative to underlying stratified drift aquifers
- 5) Position relative to bedrock aquifers
- 6) Landscape position within an unfragmented block
- 7) Position relative to WAP habitats of highest value
- 8) Number of NWI cover classes
- 9) Presence of known rare species or exemplary natural communities
- 10) Position near or within a Significant Ecological Area
- 11) Position within a protected private or public conservation parcel

For more information on this evaluation, please see the explanation in the final Wetlands Report. All errors and omissions are the responsibility of the author and lies outside the purview of the Town of Fitzwilliam.
THIS MAP IS NOT INTENDED FOR SURVEY-ACCURATE DEPICTIONS OF WETLANDS!



GRANIT
January 2008

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