Scale 1:72,000

4000 0 4000 8000 Feet

0.5 0 0.5 1 1.5 2 Miles

N

Ashland

Holderness

Center Harbor

Bridgewater

Meredith

Bristol

Sanbornton

Hill

New Hampton
New Hampshire
Water Resources

Legend

- Municipal Boundaries
- Half-mile Extended Study Area
- Watershed Boundaries (HUC 12)

Roads
- Interstate Highway
- Primary State Highways
- Secondary State Highways
- Local Roads
- Class VI Roads and Trails

- Surface Water
- Streams
- Wetlands
- 250 Foot Open Water Buffer
- 200 Foot Stream Buffer

Groundwater
- High Yield Aquifer
- Medium Yield Aquifer
- Low Yield Aquifer (or unable to map transmissivity)

DATA SOURCES:

Roads from the NH Department of Transportation, 2005, distributed by Complex Research Systems Center (CSRC), University of New Hampshire. Other Base map features from standard 7.5-minute USGS quadrangles, 1:24,000 scale, mapped and distributed by CSRC.

Wetlands were derived from U.S. Fish & Wildlife Service, 1:24,000 scale National Wetlands Inventory maps, Natural Resources Conservation Service (NRCS) hydric soils (see soil disclaimer below), and 1998 aerial photography. All primary sources were distributed by CSRC. A windshield survey field verified less than 15% of final mapping; boundaries were estimated to within 50ft (20m). Accurate delineation requires further field review.

Watershed boundaries from USGS topographic maps by the NH Department of Environmental Services, 1:24,000 scale, distributed by CSRC, 2002.

Aquifer transmissivity from the US Geological Survey, 1:24,000 scale, automated and distributed by CSRC, 2000. Transmissivity quantifies the ability of an aquifer to transmit water, measured in feet squared per day.

GRANIT

Plymouth State University
Center for the Environment

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