

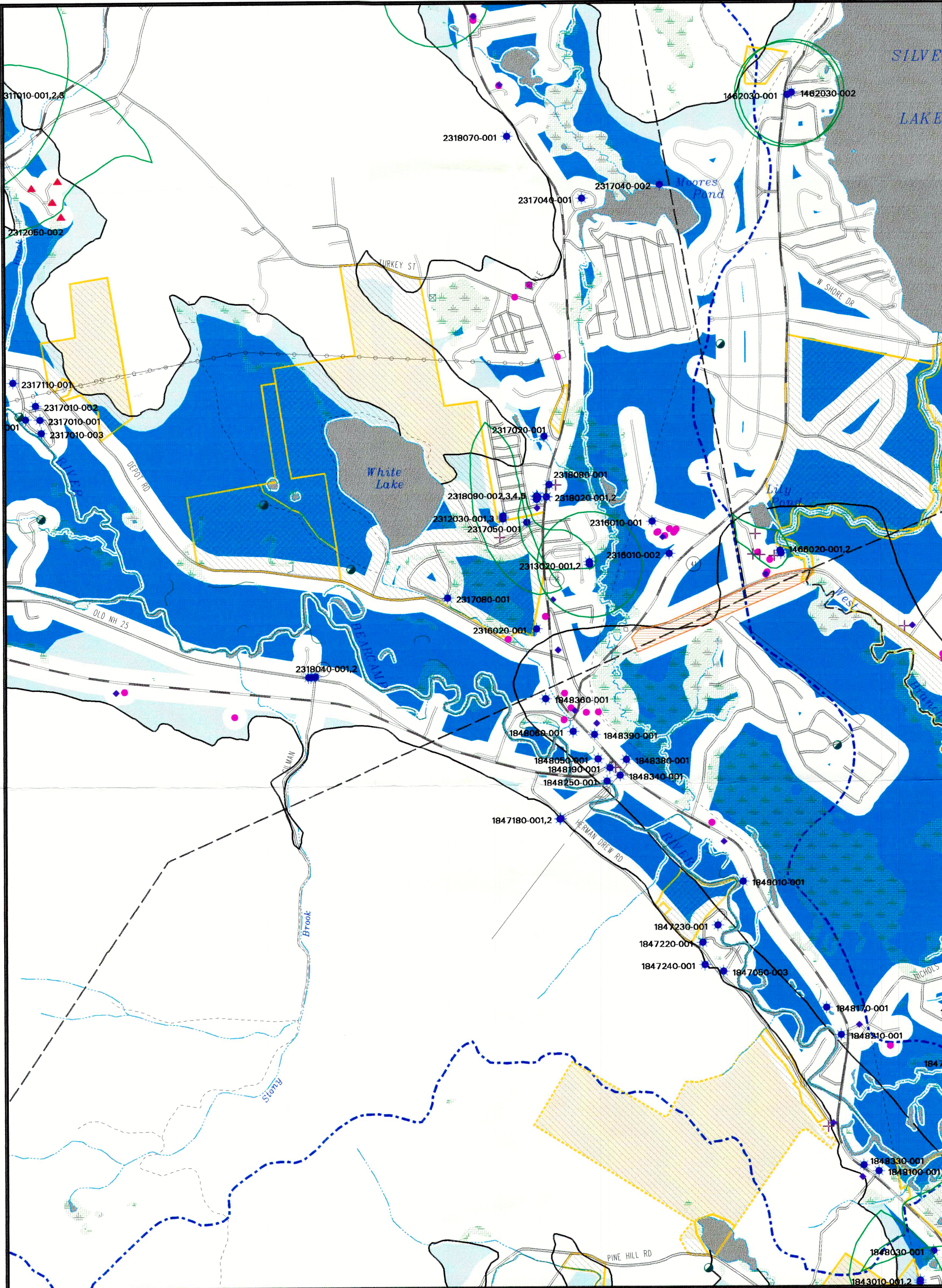
Favorable Gravel Well Analysis OSSISPEE, NH 75 GPM

LEGEND

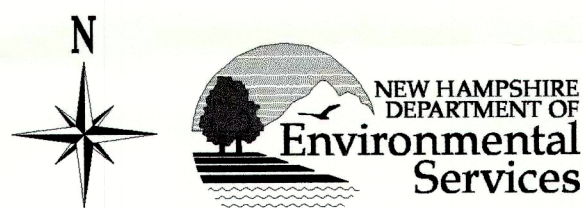
- Public Water Supply (October 01)
- USGS Water Quality Well (if avail.)
- ⊕ Underground Storage Tank Site (Oct 01)
- ⊠ Junkyard (Nov 91)
- Groundwater Hazard Inventory Site (Oct 01)
- ▲ Point/Non-Point Pollution (March 95)
- ◆ Hazardous Waste Facility (RCRA) (Nov 95)
- ▨ Source Water Hazard Inventory Area
- ▨ Agricultural Pesticides Application (1994)
(parcel boundary-not application limits)
- ▨ Hazardous Waste Area (RCRA)
- ▨ Point/Non-point Potential Pollution
- Potentially Favorable
Gravel Well Locations
(Min. 1000 ft²/day)
- Stratified Drift Aquifer
(below min transmissivity for
siting a new municipal well)
- NWI Wetlands (if available)
- River, Lake or Pond
- Groundwater Elevation Contour
- Aquifer Boundary
- Watershed Boundary
- County Boundary
- Town Boundary
- Source Water Protection Area
- NWI Small Stream (if available)
- Stream or Shoreline (USGS DLG)
- Primary Transportation Route
- Secondary Transportation Route
- Road or Street
- Railroad
- Power Line
- ▨ Conservation/Public Lands (Jan 01)
- ▨ Conservation parcel boundary
(boundary uncertain/approximate)

DATA SOURCE NOTES:
 Hydrography and Political Boundaries: from 1:24,000 and 1:25,000-scale USGS Digital Line Graph (DLG-3) data. Where available, small streams and wetlands delineated through the National Wetlands Inventory (NWI) have been included (August 1995). Provided by NH GRANIT.
 Transportation: from 1:24,000/1:25,000-scale USGS DLG-3 data (GRANIT) and NH Dept. of Transportation coverages.
 Public Water Supply: points located by NHDES Water Supply Engineering Bureau. Updated monthly.
 USGS Water Quality Wells (if appl.): points located by U.S. Geological Survey (USGS) for Stratified Drift Aquifer Study 1984-1997.
 Underground Storage Tank Sites and Groundwater Hazard Inventory data are part of ongoing inventory by NHDES Water Supply Engineering Bureau to locate known and potential contamination sites (including leaking storage tanks, landfills, lagoons, etc). Updated monthly.
 Non-Point Source pollution data located through cooperative effort by NHDES, NH Office of State Planning, and the nine Regional Planning agencies. Last revision March 1995.
 NPDES outfalls (National Pollutant Discharge Elimination System Last update December 2001 (ongoing revision)
 RCRA data provides locations of commercial/private operations that generate hazardous waste, monitored under the Resource Conservation Recovery Act (RCRA). Update currently underway.
 Pesticides: Parcels of land on which agricultural pesticides have been applied (NOT application limits). Maintained by the NH Dept. of Agriculture. Last update 1994.
 Aquifer and Groundwater Elevation data: (USGS Pembroke, NH) for the Stratified Drift Aquifer Study, 1984-1997
 Watershed Boundaries: delineated/automated by NHDES Water Div. Source Water Protection Areas: Delineated and automated by NHDES Water Supply Engineering Bureau. Last update Nov. 2001
 Conservation/Public Lands (if applicable) developed and maintained by the Society for the Protection of NH Forests and NH GRANIT at Complex Systems Research Center, UNH. Jan. 2001

ALL DATA DISPLAYED ON THIS MAP WAS PRODUCED AT 1:24,000/1:25,000 AND IS INTENDED FOR USE AT 1:24,000.
 SANITARY PROTECTIVE RADIUS BUFFER AREAS DECEMBER 2001.



This map represents digital data available from state and federal agencies as of December 2001. It shows a computerized overlay analysis to determine areas of stratified drift aquifer potentially having water yield and quality sufficient to serve as large public water supplies. Local land use information and further hydrogeologic analysis are essential to determine the suitability of any location as an actual well site. Buffers used to create this map do not guarantee protection from well contamination. The status of sites and associated buffers are subject to change when contamination has been cleaned up. Similarly, the existing source water protection areas may be revised as more site-specific hydrogeologic information becomes available. The information provided in this map includes a subset of databases developed by the New Hampshire Department of Environmental Services. Development of these databases is ongoing and this map may not contain all existing and potential threats to groundwater. NHDES is not responsible for the use or interpretation of this information, nor any inaccuracies in site names, locations, projected yields, or groundwater flow direction. All information is subject to verification. These data are to be used for planning or educational purposes only. Production of this map was performed under the auspices of the NH Comprehensive State Groundwater Protection Program with funding support from US EPA Region I-New England.



Map prepared January 14, 2002

