



**Rockingham Planning Commission Standard Map Set**

*Stratified Drift Aquifers Map*

**Newton**

Date: Fall 2015

This mapset was funded with grants from NH Office of Energy & Planning and through the RPC's UPPW grant.



**Stratified Drift Aquifers**

**Transmissivity**

-  Less than 1000 sq ft
-  1000 to 2000 sq ft
-  Greater than 2000 sq ft

- RPC Standard Map Set**
-  RPC Towns 2013
  -  Water Feature
  -  Tidal Feature
  -  Shoreline; Stream
  -  Apparent Wetland Limit
  -  Intermittent Stream
  -  Other Surface Water Feature
  -  State Road
  -  Local Road
  -  Unmaintained Road
  -  Private Road

**Stratified-Drift Aquifer - Transmissivity**  
 data was automated by Complex Systems Research Center, UNH and is archived in the GRANIT Database. The aquifer data was automated from maps generated as part of a larger study of groundwater resources in New Hampshire. The Study was conducted under a cooperative agreement between the US Geological Survey and the NH Department of Environmental Services, Water Resources Division. It included an assessment of the aquifers within stratified sand and gravel deposits.

Transmissivity of Stratified Drift Aquifers quantifies the ability of an aquifer to transmit water, measured in feet squared per day. Transmissivity/Aquifer data was automated by Complex Systems Research Center, UNH and is archived in the GRANIT Database. The aquifer data was automated from maps generated as part of a larger study of groundwater resources in New Hampshire. The Study was conducted under a cooperative agreement between the US Geological Survey and the NH Department of Environmental Services, Water Resources Division. It included an assessment of the aquifers within stratified sand and gravel deposits.

**Base Features** (transportation, political and hydrographic) were automated from the USGS Digital Line Graph data, 1:24,000, as archived in the GRANIT database at Complex Systems Research Center, Institute for the Study of Earth, Oceans and Space, University of New Hampshire, Durham, NH; 1992-2012. The roads within the Rockingham Planning Region have been updated by NH Department of Transportation through local input by the RPC where available.

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*RPC extends every effort to ensure map data is current and complete, however, errors do happen. Please let us know if you spot errors or omissions.*