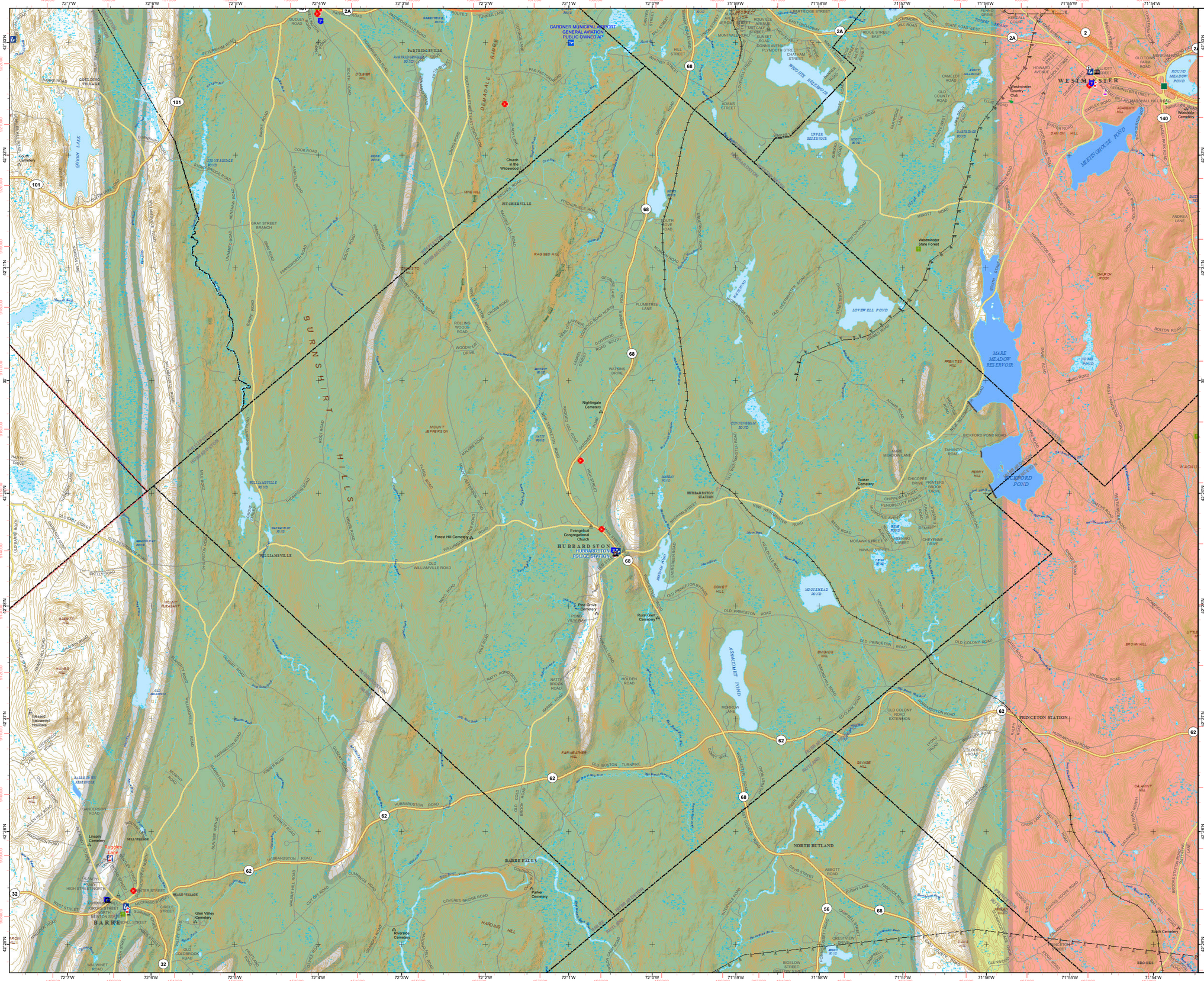
Bedrock Water Quality Map

HUBBARDSTON

Predictive Scenic Probability

This map is intended to compliment the USGS Scientific Investigations Report 2011-5013, "Radon in Water from Private Wells Completed in Bedrock of East-Central Massachusetts: Concentrations, Correlations, Predictions and Estimated Probability Maps." It presents the results of a statewide study of bedrock water quality based on 1,700 samples from private wells. This is a relatively small number of samples for a large and diverse study area. The confidence intervals around probabilities used in general maps are urged to carefully read the original report.

The geologic map underlying this work is at a scale of 1:250,000 or about 4 miles per inch. Bedrock geology is a three dimensional material. Contact zones almost never go straight down. Because this town map is at a much larger scale than the original, the necessity of presenting 3D geology in only two dimensions is the biggest source of error. When the confidence intervals in the statistical analysis, users should be aware that the geology is the only way to be sure of the quality of water in any given well is to have it tested.


GARDNER MUNICIPAL AIRPORT
GENERAL AVIATION
PUBLIC OWNED AP
HUBBARDSTON
HUBBARDSTON POLICE STATION
PRINCETON STATION
NORTH RUTLAND
BARRE FALLS
BARRE
WEST SILER
MEETINGHOUSE POND
LOVEWELL POND
MARE MEADOW RESERVOIR
BICKFORD POND
ASHCUMMET POND
BURNSHIRT HILLS
Church in the Widewood
Westminster Country Club
Westminster State Forest
Nightingale Cemetery
Tooker Cemetery
Evangelical Congregational Church
Forest Hill Cemetery
Pine Grove Cemetery
Rural Glen Cemetery
Parker Cemetery
Riverside Cemetery
Glen Valley Cemetery
Lincoln Cemetery
Huggins Lane
Blessed Sacrament Novitiate
South Cemetery
Woodside Cemetery
Tahanto Road
Bickford Pond Road
Hubbardston Road
Princeton Road
Old Princeton Road
Old Colony Road
Old Boston Turnpike
Barre Road
Gardner Road
Pleasant Street
Central Street
Mechanic Street
Worcester Road
Rutland Road
Brooks Street
Ball Hill Road
Goodnow Road
Brown Hill
Calamity Hill
Pitcherville Road
Williamsville Road
Old Williamville Road
Mayo Road
Natty Pond Drive
Natty Brook Road
Holden Road
Comet Hill
Far Heather Hill
Rag Sed Hill
Mount Jefferson
Gray Street Branch
Cook Road
Burnshirt Road
Petersham Road
Dudley Road
Partridgeville Road
Old East Street
Old Westminster Road
Old Colony Road Extension
Ed Clark Road
Bigelow Street
Davis Street
Abbott Road
Cummings Road
Covered Bridge Road
Hardwick Road
Hardwick Hill
Walnut Hill Road
Cutler Road
Everett Road
Sunrise Avenue
Tarbington Road
Fisher Road
Gilbert Road
Williamsville Road
Phillipston Road
Hubbardston Station
Princeton Station
Barre Falls
North Rutland
Brooks Station
Ball Hill Road
Calamity Hill Road
Goodnow Road
Brown Hill
Bickford Pond Road
Tahanto Road
Chippewa Street
Penobscot Avenue
Mohawk Street
Navajo Street
Cheyenne Drive
Chippewa Drive
Printers Brook Drive
Meetinghouse Road
Old Princeton Road
Old Colony Road
Hubbardston Road
Princeton Road
Pleasant Street
Central Street
Mechanic Street
Worcester Road
Rutland Road
Brooks Street