

Projected Bedrock Water Quality

ROCKLAND

Uranium Probability

% Probability of Exceeding the Public Drinking Water Standard of 30 micrograms per liter (30 PPB)

	City/Town Statistics	Acres	Percent
<= 1.0%	0	0	
1.1% to 4.7%	0	0	
4.8% to 13.0%	0	0	
13.1% to 25.4%	0	0	
Granite/Pegmatite*	3944	60.8	
No Data	2539.7	39.2	
Total	6483.7		

* Areas mapped as granite and pegmatite are located outside of the USGS SIR 2011-5013 study area. Although no precise uranium probability values exist for these bedrock units, these types of bedrock generally have an increased probability of containing naturally occurring radionuclides such as radium, uranium, or radon in well water at concentrations exceeding public drinking water limits.



Massachusetts Department of Environmental Protection

MAP LEGEND

- Reservoir
- Pond, Lake or Ocean
- Fresh Water Wetlands
- Cranberry Bog
- Salt Water Wetlands
- Perennial Stream; Shoreline
- Intermittent Stream
- Intermittent Shoreline
- Ditch/Canal
- Aqueduct
- Dam
- Active Rail Lines
- Pipeline
- Powerline
- Limited Access Highway
- Multi-lane Hwy, Not Limited Access
- Other Numbered Highway
- Major Road, Collector
- Minor Road, Ramp
- MA Town Boundary
- MA Interstate Boundary
- County Boundaries
- DEP Region Boundary

Contour Interval 3 Meters

Mass StatePlane NAD83 Coordinates shown in RED

Map Scale 1:15000

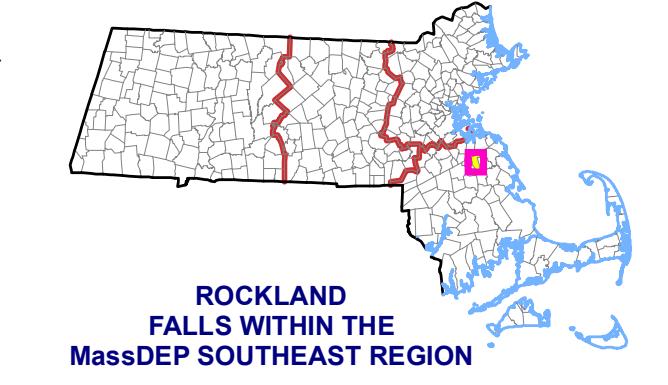
0 1,000 2,000 3,000 4,000 5,000 6,000 Feet

0 1 2 Kilometers

1 inch = 1,250 feet 1 inch = 381 meters

Map Created March, 2011

Map Location



This map is for illustrative purposes only. It represents the best statewide data available at the date of printing. There are other important natural resources that are not shown on this map because the digital spatial data do not exist.

DATA SOURCES

HYDROGRAPHY: USGS Hydrography, 1:25,000 or less. Hydrography from the USGS National Hydrography Database except within public water supply watersheds where the resolution is approximately 1:10,000.

TOPOGRAPHIC CONTOURS: MassGIS, 1:5,000. 3 Meter contour elevation data.

POLITICAL BOUNDARIES: Massachusetts political boundary dataset has been created from latitude and longitude coordinates found in the 68 volume Harbor and Lands Commission Town Boundary Atlas.

ROADS: Mass Department of Transportation 1:50,000. Road centerlines acquired from the state's statewide road centerline datasets.

TRAILS AND TRANSLINES: Mass Department of Transportation Trails @ 1:50,000. Pipelines and Powlines @ 1:25,000

GEOGRAPHIC FEATURES: USGS MassDEP USGS Geographic Names Information System (GNIS) features matched to parcel data or orthophoto. Hydrography, roads, trails, and political boundaries are also included.

WETLANDS: UMass Resource Mapping Project (UMassDEP MassGIS), Source Scale 1:12,000 to 140,000. Wetland information shown on this map consists of several wetlands datasets, including DEP Orthophoto Wetlands @ 1:12,000 and USGS Hydrologic wetlands @ 1:25,000.

