

RoE: Rock outcrop-Woodstock complex, 20 to 60 percent slopes

The Rock outcrop component makes up 80 percent of the map unit. Water movement in the most restrictive layer is low. This component is on mountains on glaciated uplands, hills on glaciated uplands. Depth to a root restrictive layer 0 inches, bedrock, lithic,.

The Woodstock component makes up 15 percent of the map unit. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is low. This component is on hills on glaciated uplands, mountains on glaciated uplands. The parent material consists of coarse-loamy till. Depth to a root restrictive layer, bedrock, lithic, is 10 to 20 inches.

Important farmland classification: NPSL

Land capability: 8 s

Vermont Agricultural Value Group: 11

Vermont Residential Onsite Waste Disposal Group and Subgroup: IVb

This unit is generally not suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. Steep slopes in association with the depth to bedrock is the limiting condition. Cut and fill site modifications that reduce the slope gradient are difficult to achieve due to the depth to bedrock.

PHYSICAL and CHEMICAL PROPERTIES							EROSION FACTORS		
Soil name	Depth (In)	Typical texture	Clay (Pct)	Soil reaction (pH)	Permeability (In/Hr)	Organic matter (Pct)	Kw	Kf	T
Rock outcrop	0-60	UWB	---	---	0.01-20	---	---	---	---
Woodstock	0-2	FSL	3-10	5.1 - 6.5	2-6	5.0-9.0	.32	.32	1
	2-9	GR-FSL	3-10	5.1 - 6.5	2-6	0.5-2.0	.20	.37	
	9-12	GR-FSL	1-5	5.6 - 6.5	6-20	0.0-1.0	.24	.43	
	12-22	UWB	---	---	0.01-20	---	---	---	

WATER FEATURES						SOIL FEATURES		
Soil name	Hydrologic group	Depth to seasonal high water table (Feet)	Flooding		Ponding		Hydric soil?	Depth to bedrock (range in inches)
			Frequency	Duration	Frequency	Duration		
Rock outcrop	---	---	None				Unranked	0
Woodstock	D	---	None		None		No	10-20

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Woodstock	Dwellings with basements:	Very limited	Slope		
Woodstock	Pond reservoir areas:	Very limited	Slope		

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Woodstock	Harvest equip operability:	Poorly suited	Slope	Northern Hardwood Forest, Mesic Red Oak-Northern Hardwood Forest, Rich Northern Hardwood Forest, Hemlock Forest, Temperate Acidic Outcrop, Temperate Acidic Cliff
Woodstock	Road suitability:	Poorly suited	Slope	
Woodstock	Erosion hazard (off-road):	Severe	Slope/erodibility	