

WxC: Woodstock-Rock outcrop complex, 8 to 15 percent slopes

The Woodstock component makes up 60 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.

The Rock outcrop component makes up 30 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,.

Important farmland classification: NPSL

Land capability: 4 e

Vermont Agricultural Value Group: 8e

Vermont Residential Onsite Waste Disposal Group and Subgroup: IVc

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. The very shallow to shallow depth to bedrock is the limiting condition.

PHYSICAL and CHEMICAL PROPERTIES

Soil name	Depth (In)	Typical texture	Clay (Pct)	Soil reaction (pH)	Permeability (In/Hr)	Organic matter (Pct)	EROSION FACTORS		
							Kw	Kf	T
Woodstock	0-12	FSL	3-10	5.1 - 6.5	2-6	5.0-9.0	.32	.32	1
	12-22	UWB	---	---	0.01-20	---	---	---	---
Rock outcrop	0-60	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		
Woodstock	D	---	None		None		No	10-20
Rock outcrop	---	---	None				Unranked	0

LAND USE LIMITATIONS

AGRICULTURAL YIELD DATA

Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Woodstock	Dwellings with basements:	Very limited	Depth to hard bedrock	Grass-legume hay	2 Tons
Woodstock	Pond reservoir areas:	Very limited	Slope	Grass-clover	3.2 AUM
				Grass hay	1.5 Tons
				Corn silage	12 Tons

WOODLAND MANAGEMENT

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