

FmD: Farmington-Rock outcrop complex, 15 to 60 percent slopes

The Farmington component makes up 45 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 ridges 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 40 percent of the map unit. Water movement in the most restrictive layer is low. This component is on ridges on glaciated uplands. Depth to a root restrictive layer 0 inches, bedrock, lithic,.

Important farmland classification: NPSL

Land capability: 7 e

Vermont Agricultural Value Group: 11

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							EROSION FACTORS		
Soil name	Depth (In)	Typical texture	Clay (Pct)	Soil reaction (pH)	Permeability (In/Hr)	Organic matter (Pct)	Kw	Kf	T
Farmington	0-4	L	10-27	5.1 - 7.3	0.6-2	2.0-6.0	.32	.32	1
	4-14	L	10-27	5.6 - 7.8	0.6-2	0.0-1.0	.49	.49	
	14-24	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		
Farmington	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
Farmington	Dwellings with basements:	Very limited	Slope		
Farmington	Pond reservoir areas:	Very limited	Slope		

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Farmington	Harvest equip operability:	Poorly suited	Slope	Mesic Maple-Ash-Hickory-Oak Forest, Transition Hardwoods Limestone Forest Variant, Limestone Bluff Cedar-Pine Forest, Temperate Calcareous Outcrop, Northern Hardwoods Limestone Forest Variant, Temperate Calcareous Cliff, Boreal Calcareous Cliff
Farmington	Road suitability:	Poorly suited	Slope	
Farmington	Erosion hazard (off-road):	Severe	Slope/erodibility	