

43D: Hogback-Rock outcrop-Rawsonville complex, 15 to 35 percent slopes, very bouldery

The Hogback, very bouldery component makes up 50 percent of the map unit. The natural drainage class is well drained. Water movement in the most restrictive layer is low. This component is on moderately steep to steep mountains on glaciated uplands. The parent material consists of loamy till. Depth to a root restrictive layer, bedrock, lithic, is 10 to 20 inches.

The Rock outcrop, very bouldery component makes up 20 percent of the map unit. Water movement in the most restrictive layer is low. This component is on moderately steep to steep mountains on glaciated uplands. Depth to a root restrictive layer0 inches, bedrock, lithic..

The Rawsonville, very bouldery component makes up 15 percent of the map unit. The natural drainage class is well drained. Water movement in the most restrictive layer is low. This component is on moderately steep to steep mountains on glaciated uplands. The parent material consists of loamy till. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches.

Important farmland classification: NPSL	Land capability: 7 s	Vermont Agricultural Value Group: 11
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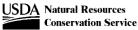
Vermont Residential Onsite Waste Disposal Group and Subgroup: IVc

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	Typical	Clay (Pct)	Soil reaction (pH)	Permeability (In/Hr)	Organic matter (Pct)	ERUSION FACTORS		
	(ln)	. , , , , ,					Kw	Kf	Т
Hogback, very bouldery	0-4	MPM		3.2 - 5.7	2-6	25-100			1
	4-9	FSL	3-12	3.6 - 5.5	2-6	4.0-8.0	.32	.32	
	9-18	CB-FSL	3-12	3.6 - 5.5	2-6	4.0-8.0	.24	.49	
	18-28	UWB			0.01-20				
Rock outcrop, very bouldery	0-65	UWB			0.01-20				
Rawsonville, very bouldery	0-2	SPM		3.2 - 5.7	2-6	25-100			2
•	2-6	FSL	3-10	3.6 - 5.5	0.6-6	2.0-8.0	.24	.24	
	6-24	FSL	3-10	3.6 - 5.5	0.6-6	2.0-8.0	.37	.37	
	24-34	UWB			0.01-20				

	SOIL FEATURES								
	Hydrologic	Depth to seasonal	Flooding		Ponding		Hydric		
Soil name	group	high water table (Feet)	Frequency	Duration	Frequency	Duration	soil?	Depth to bedrock (range in inches)	
Hogback, very bouldery	D		None		None		No	10-20	
Rock outcrop, very bouldery			None		None		Unranked	0	
Rawsonville, very bouldery	С		None		None		No	20-40	

	LAND USE LIMITA	AGRICULTURAL YIELD DATA			
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Rawsonville, very bouldery	Dwellings with basements:	Very limited	Slope		
Hogback, very bouldery	Dwellings with basements:	Very limited	Slope		
Rawsonville, very bouldery	Pond reservoir areas:	Very limited	Slope		
Hogback, very bouldery	Pond reservoir areas:	Very limited	Slope		
	Management	<u>v</u>	VOODLAND MANAGEMENT		
Soil name	concern	Rating	Reason	Vermont natural	communities



Soil Fact Sheet - Continued

Windsor County, Vermont

Rawsonville Harvest equip operability: Moderately suited 0.1 to 3% surface cover fragments >=600mm (m bouldery) 0.1 to 3% surface cover Hogback Harvest equip operability: Moderately suited fragments >=600mm (m bouldery) Rawsonville Road suitability: Slope Poorly suited Hogback Road suitability: Poorly suited Slope Rawsonville Erosion hazard (off-road): Moderate Slope/erodibility Hogback Erosion hazard (off-road): Moderate Slope/erodibility

Montane Yellow Birch-Red Spruce Forest, Boreal Outcrop, Boreal Talus Woodland