

43F: Hogback-Rock outcrop-Rawsonville complex, 35 to 70 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 steep to very 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 steep to very 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 steep to very 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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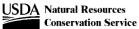
Vermont Residential Onsite Waste Disposal Group and Subgroup: IVb

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								EDOCION FACTORS	
Soil name	Depth Typical (In) texture	Typical	Clay	Soil	Permeability	Organic	EROSION FACTORS		
		(Pct)	reaction (pH)	(In/Hr)	matter (Pct)	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				

		WATE	R FEATURES				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	7	WOODLAND MANAGEMENT		
Soil name	concern	Rating	Reason	Vermont natural of	communities



Hogback

Soil Fact Sheet - Continued

Slope/erodibility

Windsor County, Vermont

Rawsonville Slope Harvest equip operability: Poorly suited Slope Hogback Harvest equip operability: Poorly suited Rawsonville Road suitability: Poorly suited Slope Slope Hogback Road suitability: Poorly suited Rawsonville Erosion hazard (off-road): Very severe Slope/erodibility

Very severe

Erosion hazard (off-road):

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