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

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
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	---	---	---	

WATER FEATURES **SOIL FEATURES**

Soil name	Hydrologic group	Depth to seasonal high water table (Feet)	Flooding Frequency	Flooding Duration	Ponding Frequency	Ponding Duration	Hydric 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	C	---	None		None		No	20-40

LAND USE LIMITATIONS **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		

WOODLAND MANAGEMENT

Soil name	Management concern	Rating	Reason	Vermont natural communities

Rawsonville	Harvest equip operability:	Moderately suited	0.1 to 3% surface cover fragments >=600mm (m bouldery)	Montane Yellow Birch-Red Spruce Forest, Boreal Outcrop, Boreal Talus Woodland
Hogback	Harvest equip operability:	Moderately suited	0.1 to 3% surface cover fragments >=600mm (m bouldery)	
Rawsonville	Road suitability:	Poorly suited	Slope	
Hogback	Road suitability:	Poorly suited	Slope	
Rawsonville	Erosion hazard (off-road):	Moderate	Slope/erodibility	
Hogback	Erosion hazard (off-road):	Moderate	Slope/erodibility	