

Saddleback

Ricker

## SIE94: Ricker-Saddleback-Rock outcrop complex, 35 to 60 percent slopes, very stony

The Ricker, very stony component makes up 32 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 mountains. The parent material consists of organic material over loamy till. Depth to a root restrictive layer, bedrock, lithic, is 2 to 20 inches.

The Saddleback, very stony component makes up 23 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 mountains. The parent material consists of loamy till. Depth to a root restrictive layer, bedrock, lithic, is 10 to 20 inches.

The Rock outcrop component makes up 17 percent of the map unit. Water movement in the most restrictive layer is low. This component is on mountains. Depth to a root restrictive layer0 inches, bedrock, lithic..

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	
Cailmana	Depth	Typical	Clay reaction (In/Hr) matt		,	Organic	EROSION FACTORS		
Soil name	(In)	texture		(Pct)	Kw	Kf	Т		
Ricker, very stony	0-6	MPM		3.5 - 5.5	2-6	35-100			1
	6-7	CN-VFSL	2-15	3.5 - 5.0	0.6-6	1.0-10	.37	.55	
	7-17	UWB			0.01-20				
Saddleback, very stony	0-1	MPM		3.5 - 5.5	2-6	35-100			1
	1-3	FSL	2-15	3.5 - 5.5	0.6-2	3.5-5.0	.43	.43	
	3-13	VFSL	1-12	3.5 - 5.5	0.6-2	2.0-12	.43	.43	
	13-23	UWB			0.01-20				
Rock outcrop	0-65	UWB			0.01-20				

WATER FEATURES								SOIL FEATURES		
Hvi	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)		
Ricker, very stony	D		None		None		No	2-20		
Saddleback, very stony	D		None		None		No	10-20		
Rock outcrop			None				No	0		

	LAND USE LIMITA	AGRICULTURAL YIELD DATA			
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Saddleback, very stony	Dwellings with basements:	Very limited	Slope		
Ricker, very stony	Dwellings with basements:	Very limited	Slope		
Saddleback, very stony	Pond reservoir areas:	Very limited	Slope		
Ricker, very stony	Pond reservoir areas:	Very limited	Slope		
	Management	<u>w</u>	OODLAND MANAGEMENT		
Soil name	concern	Rating	Reason	Vermont natura	communities

Slope

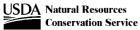
Slope

Harvest equip operability: Poorly suited

Harvest equip operability: Poorly suited

Montane Spruce-Fir Forest,

Boreal Outcrop,



## **Soil Fact Sheet - Continued**

Essex County, Vermont

Saddleback Slope Boreal Talus Woodland, Road suitability: Poorly suited Boreal Acid Cliffs, Slope Ricker Road suitability: Poorly suited Subalpine Krummholz, Saddleback Erosion hazard (off-road): Very severe Slope/erodibility Alpine Meadow Ricker Erosion hazard (off-road): Severe Slope/erodibility