

702F: Hogback-Ricker-Rock outcrop complex, 15 to 70 percent slopes, very stony

The Hogback, very stony component makes up 45 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 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 Ricker, very stony component makes up 25 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 very steep mountains on glaciated uplands. The parent material consists of organic material over loamy till. Depth to a root restrictive layer, bedrock, lithic, is 1 to 20 inches.

The Rock outcrop, very stony component makes up 15 percent of the map unit. Water movement in the most restrictive layer is low. This component is on moderately steep to very steep mountains on glaciated uplands. Depth to a root restrictive layer 0 inches, bedrock, lithic,.

<u>Important farmland classification:</u> NPSL	<u>Land capability:</u> 7 s	<u>Vermont Agricultural Value Group:</u> 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
Hogback, very stony	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	---	---	---	
Ricker, very stony	0-7	PEAT	3-18	3.2 - 5.7	2-6	25-100	---	---	1
	7-10	SL	3-18	3.6 - 5.0	0.6-6	0.5-4.5	.32	.32	
	10-20	UWB	---	---	0.01-20	---	---	---	
Rock outcrop, very stony	0-65	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		
Hogback, very stony	D	---	None		None		No	10-20
Ricker, very stony	D	---	None		None		No	1-20
Rock outcrop, very stony	---	---	None		None		Unranked	0

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Ricker, very stony	Dwellings with basements:	Very limited	Slope		
Hogback, very stony	Dwellings with basements:	Very limited	Slope		
Ricker, very stony	Pond reservoir areas:	Very limited	Slope		
Hogback, very stony	Pond reservoir areas:	Very limited	Slope		

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Ricker	Harvest equip operability:	Poorly suited	Slope	Montane Yellow Birch-Red Spruce Forest, Boreal Outcrop, Boreal Talus Woodland
Hogback	Harvest equip operability:	Poorly suited	Slope	
Ricker	Road suitability:	Poorly suited	Slope	

Hogback	Road suitability:	Poorly suited	Slope
Ricker	Erosion hazard (off-road):	Severe	Slope/erodibility
Hogback	Erosion hazard (off-road):	Severe	Slope/erodibility