

Stratton

## 134F. Stratton-Londonderry-Ricker complex, 15 to 80 percent slopes, very rocky

The Stratton component makes up 40 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 on glaciated uplands. The parent material consists of coarse-loamy till. Depth to a root restrictive layer, bedrock, lithic, is 10 to 20 inches.

The Londonderry 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 mountains on glaciated uplands. The parent material consists of coarse-loamy till. Depth to a root restrictive layer, bedrock, lithic, is 2 to 10 inches.

The Ricker component makes up 20 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 on glaciated uplands. The parent material consists of organic material over coarse-loamy till. Depth to a root restrictive layer, bedrock, lithic, is 2 to 26 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	Typical	Clay (Pct)	Soil reaction (pH)	Permeability (In/Hr)	Organic matter (Pct)	EROSION FACTORS		
	(In)						Kw	Kf	Т
Stratton	0-5	CBV-L	1-7	3.6 - 5.5	0.6-6	8.0-20	.15	.37	1
	5-18	CBV-L	1-10	3.6 - 5.5	0.6-6	5.0-20	.10	.43	
	18-28	UWB			0.01-20				
Londonderry	0-6	GR-FSL	2-7	3.6 - 5.5	0.6-2	2.0-8.0	.20	.32	1
	6-7	FSL	2-7	3.6 - 5.5	0.6-2	0.5-2.0	.49	.49	
	7-17	UWB			0.01-20				
Ricker	0-13	PEAT	3-18	3.2 - 5.7	2-6	25-100			1
	13-16	CBV-FSL	3-18	3.6 - 5.0	0.6-6	0.5-4.5	.10	.28	
	16-26	UWB			0.01-20				

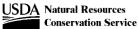
	SOIL FEATURES								
	Hydrologic	Depth to seasonal	Flooding		Ponding		Hydric		
Soil name	group	high water table (Feet)	Frequency	Duration	Frequency	Duration	soil?	Depth to bedrock (range in inches)	
Stratton	D		None		None		No	10-20	
Londonderry	D	<del></del>	None		None		No	2-10	
Ricker	D		None		None		No	2-26	

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

Harvest equip operability: Poorly suited

Slope

Montane Spruce-Fir Forest,



## **Soil Fact Sheet - Continued**

Rutland County, Vermont

Slope Londonderry Harvest equip operability: Poorly suited Ricker Harvest equip operability: Poorly suited Low strength Stratton Road suitability: Poorly suited Slope Slope Londonderry Road suitability: Poorly suited Ricker Road suitability: Poorly suited Slope Stratton Erosion hazard (off-road): Severe Slope/erodibility Londonderry Erosion hazard (off-road): Severe Slope/erodibility Ricker Erosion hazard (off-road): Severe Slope/erodibility

Boreal Outcrop, Subalpine Krummholz, Alpine Meadow