

# Soil Fact Sheet

Rutland County, Vermont

125D: Berkshire fine sandy loam, 15 to 35 percent slopes, very stony

Important farmland classification: NPSL	Land capability: 7 s	Vermont Agricultural Value Group: 10
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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
Berkshire, very stony	0-2	SPM	---	3.5 - 5.5	1-14	35-95	---	---	5
	2-4	FSL	1-10	3.5 - 6.0	0.1-14	5.0-15	.32	.32	
	4-5	FSL	1-10	3.5 - 6.0	0.1-14	1.0-5.0	.37	.37	
	5-7	FSL	1-10	3.5 - 6.0	0.1-14	2.0-20	.32	.32	
	7-13	FSL	1-10	3.5 - 6.0	0.1-14	2.0-10	.32	.32	
	13-21	FSL	1-10	3.5 - 6.0	0.1-14	1.0-6.0	.43	.43	
	21-28	FSL	1-10	3.5 - 6.0	0.1-14	0.0-3.0	.49	.49	
	28-33	FSL	1-10	3.5 - 6.0	0.1-14	0.0-2.0	.49	.49	
	33-65	FSL	1-10	3.5 - 6.0	0.1-14	0.0-1.0	.55	.55	

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		
Berkshire, very stony	B	---	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Berkshire, very stony	Dwellings with basements:	Very limited	Slope	Pasture	4 AUM
Berkshire, very stony	Pond reservoir areas:	Very limited	Slope		

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Berkshire	Harvest equip operability:	Moderately suited	Slope	
Berkshire	Road suitability:	Poorly suited	Slope	
Berkshire	Erosion hazard (off-road):	Moderate	Slope/erodibility	