

18C: Peru, Skerry, and Colonel soils, 8 to 15 percent slopes, very stony

Important farmland classification: NPSL Land capability: 6 s Vermont Agricultural Value Group: 9

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
Peru, very stony	0-1	MPM	---	3.5 - 5.5	1-14	35-95	---	---	3
	1-5	FSL	2-10	3.5 - 6.5	0.1-14	5.0-25	.32	.32	
	5-6	FSL	1-10	3.5 - 6.5	0.1-14	1.0-7.0	.43	.43	
	6-7	FSL	1-10	3.5 - 6.5	0.1-14	5.0-10	.32	.32	
	7-13	FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.37	.37	
	13-18	FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.49	.49	
	18-21	FSL	1-10	3.5 - 6.5	0.1-14	0.5-2.0	.55	.55	
	21-37	FSL	1-10	3.5 - 6.5	0.01-1	0.0-1.0	.64	.64	
Skerry, very stony	37-65	FSL	1-10	3.5 - 6.5	0.01-1	0.0-1.0	.64	.64	
	0-2	HPM	---	3.5 - 5.5	1-14	35-95	---	---	3
	2-4	FSL	1-10	3.5 - 6.5	0.1-14	1.0-7.0	.37	.37	
	4-6	FSL	1-10	3.5 - 6.5	0.1-14	5.0-10	.28	.28	
	6-20	GR-FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.24	.37	
	20-25	GR-FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.24	.43	
	25-34	GR-LS	0-5	4.5 - 7.3	0.01-1	0.0-1.0	.15	.28	
	34-65	GR-LS	0-5	4.5 - 7.3	0.01-1	0.0-1.0	.15	.28	
Colonel, very stony	0-1	HPM	---	3.5 - 5.5	1-14	35-95	---	---	2
	1-2	FSL	1-10	3.5 - 6.5	0.1-14	1.0-6.0	.43	.43	
	2-3	FSL	1-10	3.5 - 6.5	0.1-14	4.0-18	.37	.37	
	3-9	FSL	1-10	3.5 - 6.5	0.1-14	2.0-10	.37	.37	
	9-12	FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.37	.37	
	12-18	GR-FSL	1-10	3.5 - 6.5	0.1-14	0.5-2.0	.37	.55	
	18-65	GR-FSL	1-10	4.5 - 7.3	0.001-1	0.0-1.0	.37	.49	

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		
Peru, very stony	C/D	1.4-2.8	None		None		No	---
Skerry, very stony	C/D	1.4-2.8	None		None		No	---
Colonel, very stony	D	0.5-1.5	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Skerry, very stony	Dwellings with basements:	Very limited	Depth to saturated zone	Pasture	5.5 AUM
Colonel, very stony	Dwellings with basements:	Very limited	Depth to saturated zone		
Peru, very stony	Dwellings with basements:	Very limited	Depth to saturated zone		
Skerry, very stony	Pond reservoir areas:	Very limited	Slope		
Colonel, very stony	Pond reservoir areas:	Very limited	Slope		
Peru, very stony	Pond reservoir areas:	Very limited	Slope		

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Skerry	Harvest equip operability:	Moderately suited	30-60cm to water table 1	

Soil Fact Sheet - Continued

Windsor County, Vermont

Colonel	Harvest equip operability:	Poorly suited	<30cm to water table for
Peru	Harvest equip operability:	Moderately suited	30-60cm to water table 1
Skerry	Road suitability:	Moderately suited	Slope
Colonel	Road suitability:	Poorly suited	Wetness
Peru	Road suitability:	Moderately suited	Slope
Skerry	Erosion hazard (off-road):	Moderate	Slope/erodibility
Colonel	Erosion hazard (off-road):	Moderate	Slope/erodibility
Peru	Erosion hazard (off-road):	Slight	