

17D: Peru, Skerry, and Colonel soils, 15 to 25 percent slopes

Important farmland classification: NPSL Land capability: 4 e Vermont Agricultural Value Group: 8d

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	0-6	FSL	2-10	3.5 - 6.5	0.1-14	4.0-13	.37	.37	3
	6-8	FSL	1-10	3.5 - 6.5	0.1-14	5.0-12	.37	.37	
	8-12	FSL	1-10	3.5 - 6.5	0.1-14	4.0-10	.43	.43	
	12-18	FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.37	.37	
	18-21	FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.43	.43	
	21-24	FSL	1-10	3.5 - 6.5	0.1-14	0.5-2.0	.55	.55	
	24-65	SL	1-10	3.5 - 6.5	0.01-1	0.0-1.0	.43	.43	
Skerry	0-6	FSL	1-10	3.5 - 6.5	0.1-14	4.0-13	.28	.28	3
	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	0-7	FSL	1-10	3.5 - 6.5	0.1-14	4.0-13	.37	.37	2
	7-9	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	C/D	1.3-2.5	None		None		No	---
Skerry	C/D	1.4-2.8	None		None		No	---
Colonel	D	0.5-1.5	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Colonel	Dwellings with basements:	Very limited	Slope	Corn silage	16 Tons
Peru	Dwellings with basements:	Very limited	Slope	Grass-legume hay	3.5 Tons
Skerry	Dwellings with basements:	Very limited	Slope	Pasture	7 AUM
Colonel	Pond reservoir areas:	Very limited	Slope		
Peru	Pond reservoir areas:	Very limited	Slope		
Skerry	Pond reservoir areas:	Very limited	Slope		

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Colonel	Harvest equip operability:	Poorly suited	<30cm to water table for	
Peru	Harvest equip operability:	Moderately suited	30-60cm to water table 1	
Skerry	Harvest equip operability:	Moderately suited	30-60cm to water table 1	
Colonel	Road suitability:	Poorly suited	Slope	
Peru	Road suitability:	Poorly suited	Slope	
Skerry	Road suitability:	Poorly suited	Slope	

Colonel	Erosion hazard (off-road):	Moderate	Slope/erodibility
Peru	Erosion hazard (off-road):	Moderate	Slope/erodibility
Skerry	Erosion hazard (off-road):	Moderate	Slope/erodibility