

95E: Nicholville-Adams complex, 25 to 60 percent slopes

Important farmland classification: NPSL	Land capability: 7 e	Vermont Agricultural Value Group: 11
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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
Nicholville	0-2	HPM	---	2.7 - 4.8	1-14	35-85	---	---	5
	2-3	VFSL	5-18	4.2 - 5.2	0.1-1	1.0-3.0	.49	.49	
	3-19	VFSL	5-18	4.5 - 5.5	0.1-1	4.0-8.0	.37	.37	
	19-30	VFSL	5-18	5.0 - 6.0	0.1-1	1.0-2.0	.55	.55	
	30-65	LVFS	2-13	5.5 - 6.5	0.1-14	0.0-0.5	.64	.64	
Adams	0-4	MPM	---	2.7 - 4.8	1-14	35-91	---	---	5
	4-6	LS	1-6	3.8 - 4.6	1-14	1.0-2.5	.15	.15	
	6-21	S	2-5	4.4 - 5.6	1-100	1.0-3.0	.20	.20	
	21-27	S	1-4	4.8 - 5.8	1-100	0.5-1.5	.10	.10	
	27-65	S	0-3	5.1 - 6.1	14-100	0.0-0.5	.05	.05	

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		
Nicholville	C	1.5-2.5	None		None		No	---
Adams	A	---	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Nicholville	Dwellings with basements:	Very limited	Slope		
Adams	Dwellings with basements:	Very limited	Slope		
Nicholville	Pond reservoir areas:	Very limited	Slope		
Adams	Pond reservoir areas:	Very limited	Seepage		

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