

104E: Urban land-Adams-Nicholville complex, 25 to 60 percent slopes

Important farmland classification: NPSL	Land capability: 8 s	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
Urban land									---
Adams	0-7	LS	2-6	4.2 - 5.4	1-14	2.0-5.0	.15	.15	5
	7-21	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	
Nicholville	0-7	VFSL	5-18	4.2 - 5.2	0.1-1	2.0-6.0	.37	.37	5
	7-19	VFSL	5-18	4.5 - 5.5	0.1-1	1.0-4.0	.43	.43	
	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	0.0-1.0	.64	.64	

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		
Urban land	---	---	None		None		Unranked	---
Adams	A	---	None		None		No	---
Nicholville	C	1.5-2.5	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Urban land	Dwellings with basements:	Not rated			
Nicholville	Dwellings with basements:	Very limited	Slope		
Adams	Dwellings with basements:	Very limited	Slope		
Urban land	Pond reservoir areas:	Not limited			
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
Urban land	Harvest equip operability:	Not rated	Not rated, no horizon da	
Nicholville	Harvest equip operability:	Moderately suited	Slope	
Adams	Harvest equip operability:	Poorly suited	Slope	
Urban land	Road suitability:	Not rated	Not rated, no horizon da	
Nicholville	Road suitability:	Poorly suited	Slope	
Adams	Road suitability:	Poorly suited	Slope	
Urban land	Erosion hazard (off-road):	Not rated	Not rated, no horizon da	
Nicholville	Erosion hazard (off-road):	Severe	Slope/erodibility	
Adams	Erosion hazard (off-road):	Severe	Slope/erodibility	