

SxE: Stockbridge and Nellis soils, 15 to 60 percent slopes, extremely stony

Important farmland classification: NPSL	Land capability: 7 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
Nellis, extremely stony	0-8	L	1-18	5.6 - 7.3	0.1-14	1.0-10	.28	.28	5
	8-18	L	1-18	5.6 - 7.3	0.1-14	0.1-5.0	.43	.43	
	18-27	L	1-18	5.6 - 7.3	0.1-14	0.1-5.0	.43	.43	
	27-37	GR-L	1-18	5.6 - 7.8	0.01-14	0.1-2.0	.32	.49	
	37-79	GR-SL	1-18	6.6 - 8.4	0.01-14	0.0-1.0	.20	.37	
Stockbridge, extremely stony	0-9	L	5-18	5.1 - 7.3	0.6-2	2.0-6.0	.32	.32	3
	9-17	L	5-18	5.6 - 7.3	0.6-2	0.5-2.0	.49	.49	
	17-30	FSL	5-18	5.6 - 7.3	0.06-0.6	0.0-0.5	.37	.37	
	30-65	GR-L	3-18	5.6 - 8.4	0.06-0.6	0.0-0.5	.28	.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		
Nellis, extremely stony	A	---	None		None		No	---
Stockbridge, extremely	C	---	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Stockbridge, extremely stony	Dwellings with basements:	Very limited	Slope		
Nellis, extremely stony	Dwellings with basements:	Very limited	Slope		
Stockbridge, extremely stony	Pond reservoir areas:	Very limited	Slope		
Nellis, extremely stony	Pond reservoir areas:	Very limited	Slope		

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