

NaC: Nellis silt loam, 8 to 15 percent slopes

<u>Important farmland classification:</u> Statewide	<u>Land capability:</u> 3 e	<u>Vermont Agricultural Value Group:</u> 5
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<u>PHYSICAL and CHEMICAL PROPERTIES</u>							<u>EROSION FACTORS</u>		
Soil name	Depth (In)	Typical texture	Clay (Pct)	Soil reaction (pH)	Permeability (In/Hr)	Organic matter (Pct)			
							Kw	Kf	T
Nellis	0-8	SIL	1-18	5.6 - 7.3	0.1-14	1.0-10	.37	.37	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	

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	A	---	None		None		No	---

<u>LAND USE LIMITATIONS</u>				<u>AGRICULTURAL YIELD DATA</u>	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Nellis	Dwellings with basements:	Somewhat limited	Slope		
Nellis	Pond reservoir areas:	Very limited	Slope		

<u>WOODLAND MANAGEMENT</u>				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Nellis	Harvest equip operability:	Well suited		
Nellis	Road suitability:	Moderately suited	Slope	
Nellis	Erosion hazard (off-road):	Moderate	Slope/erodibility	