

NaD: Nellis silt loam, 15 to 25 percent slopes

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

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	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	---

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

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