

40D: Galway-Nellis-Farmington complex, 15 to 25 percent slopes, rocky, very stony

Important farmland classification: NPSL	Land capability: 6 s	Vermont Agricultural Value Group: 10
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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
Galway, very stony	0-2	MPM, SPM	---	3.2 - 5.7	2-6	25-100	---	---	2
	2-4	SIL	7-18	5.6 - 7.3	0.6-2	2.0-6.0	.32	.32	
	4-21	L	5-18	5.6 - 7.8	0.6-2	0.0-1.0	.43	.43	
	21-32	GRV-SIL	3-18	7.4 - 8.4	0.6-2	0.0-1.0	.28	.64	
	32-42	UWB	---	---	0.01-20	---	---	---	
Nellis, very stony	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	
Farmington, very stony	0-3	MPM, SPM	---	3.2 - 5.7	2-6	25-100	---	---	1
	3-5	SIL	10-27	5.1 - 7.3	0.6-2	2.0-6.0	.37	.37	
	5-20	GR-L	10-27	5.6 - 7.8	0.6-2	0.0-1.0	.32	.49	
	20-30	UWB	---	---	0.01-20	---	---	---	

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		
Galway, very stony	C	---	None		None		No	20-40
Nellis, very stony	A	---	None		None		No	---
Farmington, very stony	D	---	None		None		No	10-20

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

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

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Farmington	Erosion hazard (off-road):	Moderate	Slope/erodibility
Nellis	Erosion hazard (off-road):	Moderate	Slope/erodibility