

40C: Galway-Nellis-Farmington complex, 8 to 15 percent slopes, rocky

Important farmland classification: Statewide Land capability: 3 e Vermont Agricultural Value Group: 5

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	0-2	SIL	7-18	5.6 - 7.3	0.6-2	2.0-6.0	.32	.32	2
	2-19	L	5-18	5.6 - 7.8	0.6-2	0.0-1.0	.43	.43	
	19-30	GRV-SIL	3-18	7.4 - 8.4	0.6-2	0.0-1.0	.28	.64	
	30-40	UWB	---	---	0.01-20	---	---	---	
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	
Farmington	0-2	SIL	10-27	5.1 - 7.3	0.6-2	2.0-6.0	.37	.37	1
	2-18	GR-L	10-27	5.6 - 7.8	0.6-2	0.0-1.0	.32	.49	
	18-28	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	C	---	None		None		No	20-40
Nellis	A	---	None		None		No	---
Farmington	D	---	None		None		No	10-20

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

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