

100D: Tunbridge-Peru complex, 15 to 25 percent slopes, rocky

Important farmland classification: NPSL	Land capability: 4 e	Vermont Agricultural Value Group: 8
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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
Tunbridge, rocky	0-7	FSL	1-10	3.5 - 6.0	0.1-14	4.0-13	.32	.32	2
	7-8	FSL	1-10	3.5 - 6.0	0.1-14	3.1-25	.37	.37	
	8-23	FSL	1-10	3.5 - 6.0	0.1-14	2.2-18	.37	.37	
	23-25	FSL	1-10	5.1 - 6.5	0.1-14	1.0-4.2	.43	.43	
	25-35	BR	---	---	0.001-14	---	---	---	
Peru, rocky	0-6	FSL	2-10	3.5 - 6.5	0.1-14	4.0-13	.37	.37	3
	6-8	FSL	1-10	3.5 - 6.5	0.1-14	5.0-12	.37	.37	
	8-12	FSL	1-10	3.5 - 6.5	0.1-14	4.0-10	.43	.43	
	12-18	FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.37	.37	
	18-21	FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.43	.43	
	21-24	FSL	1-10	3.5 - 6.5	0.1-14	0.5-2.0	.55	.55	
	24-65	SL	1-10	3.5 - 6.5	0.01-1	0.0-1.0	.43	.43	

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		
Tunbridge, rocky	C	---	None		None		No	20-39
Peru, rocky	C/D	1.3-2.5	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Tunbridge, rocky	Dwellings with basements:	Very limited	Slope	Corn silage	15 Tons
Peru, rocky	Dwellings with basements:	Very limited	Slope	Grass-clover	4.8 AUM
Tunbridge, rocky	Pond reservoir areas:	Very limited	Slope	Grass-legume hay	3 Tons
Peru, rocky	Pond reservoir areas:	Very limited	Slope		

WOODLAND MANAGEMENT				Vermont natural communities
Soil name	Management concern	Rating	Reason	
Tunbridge	Harvest equip operability:	Moderately suited	Slope	
Peru	Harvest equip operability:	Moderately suited	30-60cm to water table 1	
Tunbridge	Road suitability:	Poorly suited	Slope	
Peru	Road suitability:	Poorly suited	Slope	
Tunbridge	Erosion hazard (off-road):	Moderate	Slope/erodibility	
Peru	Erosion hazard (off-road):	Moderate	Slope/erodibility	