

301C: Tunbridge-Peru complex, 0 to 15 percent slopes, extremely bouldery

Important farmland classification: NPSL	Land capability: 7 s	Vermont Agricultural Value Group: 11
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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, extremely bouldery	0-3	MPM	---	3.5 - 5.5	1-14	35-95	---	---	2
	3-5	HPM	---	3.5 - 5.5	1-14	35-95	---	---	
	5-8	FSL	1-10	3.5 - 6.0	0.1-14	1.4-5.7	.37	.37	
	8-11	FSL	1-10	3.5 - 6.0	0.1-14	3.1-25	.32	.32	
	11-26	FSL	1-10	3.5 - 6.0	0.1-14	2.2-18	.37	.37	
	26-28	FSL	1-10	5.1 - 6.5	0.1-14	1.0-4.2	.43	.43	
	28-38	BR	---	---	0.001-14	---	---	---	
Peru, extremely bouldery	0-1	MPM	---	3.5 - 5.5	1-14	35-95	---	---	3
	1-5	FSL	2-10	3.5 - 6.5	0.1-14	5.0-25	.32	.32	
	5-6	FSL	1-10	3.5 - 6.5	0.1-14	1.0-7.0	.43	.43	
	6-7	FSL	1-10	3.5 - 6.5	0.1-14	5.0-10	.32	.32	
	7-13	FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.37	.37	
	13-18	FSL	1-10	3.5 - 6.5	0.1-14	2.0-6.0	.49	.49	
	18-21	FSL	1-10	3.5 - 6.5	0.1-14	0.5-2.0	.55	.55	
	21-37	FSL	1-10	3.5 - 6.5	0.01-1	0.0-1.0	.64	.64	
	37-65	FSL	1-10	3.5 - 6.5	0.01-1	0.0-1.0	.64	.64	

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, extremely bouldery	C	---	None		None		No	20-40
Peru, extremely bouldery	C/D	1.4-2.8	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Tunbridge, extremely bouldery	Dwellings with basements:	Very limited	Depth to hard bedrock	Pasture	3.1 AUM
Peru, extremely bouldery	Dwellings with basements:	Very limited	Depth to saturated zone		
Tunbridge, extremely bouldery	Pond reservoir areas:	Very limited	Slope		
Peru, extremely bouldery	Pond reservoir areas:	Very limited	Slope		

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Tunbridge	Harvest equip operability:	Poorly suited	>3% surface cover fragr	
Peru	Harvest equip operability:	Poorly suited	>3% surface cover fragr	
Tunbridge	Road suitability:	Poorly suited	Rock fragments	
Peru	Road suitability:	Poorly suited	Rock fragments	
Tunbridge	Erosion hazard (off-road):	Slight		
Peru	Erosion hazard (off-road):	Slight		