

127C: Houghtonville gravelly fine sandy loam, 8 to 15 percent slopes, very stony

The Houghtonville component makes up 80 percent of the map unit. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. This component is on knolls on glaciated uplands, hills on glaciated uplands, mountains on glaciated uplands. The parent material consists of coarse-loamy till. Depth to a root restrictive layer is greater than 60 inches.

Important farmland classification: NPSL

Land capability: 6 s

Vermont Agricultural Value Group: 10

Vermont Residential Onsite Waste Disposal Group and Subgroup: Ic

This unit is well suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. With moderate permeability and slopes less than 20 percent, there are few limitations.

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
Houghtonville	0-2	GR-FSL	3-10	3.6 - 6.0	0.6-6	4.0-8.0	.10	.17	5
	2-29	GR-FSL	3-10	3.6 - 6.0	0.6-6	2.0-6.0	.17	.28	
	29-60	GR-FSL	3-10	3.6 - 6.0	0.6-6	0.5-2.0	.17	.32	

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		
Houghtonville	B	---	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Houghtonville	Dwellings with basements:	Somewhat limited	Slope	Pasture	3.6 AUM
Houghtonville	Pond reservoir areas:	Very limited	Slope		

WOODLAND MANAGEMENT					Vermont natural communities
Soil name	Management concern	Rating	Reason		
Houghtonville	Harvest equip operability:	Well suited			Montane Yellow Birch-Red Spruce Forest, Red Spruce-Northern Hardwood Forest, Northern Hardwood Forest
Houghtonville	Road suitability:	Moderately suited	Slope		
Houghtonville	Erosion hazard (off-road):	Slight			