

Mp: Muck and Peat

The Borohemists, undrained component makes up 50 percent of the map unit. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. This component is on bogs. The parent material consists of organic material. Depth to a root restrictive layer is greater than 60 inches.

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Important farmland classification: NPSL

Land capability: 5 w

Vermont Agricultural Value Group: 11

Vermont Residential Onsite Waste Disposal Group and Subgroup: V

This unit is not rated as a site for soil-based residential wastewater disposal systems. Due to the variable nature of the soils, on-site investigations are needed to determine their suitability.

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
Borohemists, undrained	0-9	MUCK	---	4.5 - 7.8	0.2-6	40-70	---	---	1
	9-34	MUCK	---	4.5 - 7.8	0.2-6	50-70	---	---	
	34-60	SIL	5-35	5.6 - 8.4	0.2-2	0.0-0.5	.49	.49	
Borosaprists, undrained	0-65	MUCK	---	4.5 - 7.8	0.2-6	70-99	---	---	2

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		
Borohemists, undrained	B/D	0.0	None		Frequent	Very long (more than 30 days)	Yes	---
Borosaprists, undrained	A/D	0.0	None		Frequent	Very long (more than 30 days)	Yes	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Borosaprists, undrained	Dwellings with basements:	Very limited	Ponding		
Borohemists, undrained	Dwellings with basements:	Very limited	Ponding		
Borosaprists, undrained	Pond reservoir areas:	Very limited	Seepage		
Borohemists, undrained	Pond reservoir areas:	Very limited	Seepage		

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Borosaprists	Harvest equip operability:	Poorly suited	Low strength	
Borohemists	Harvest equip operability:	Poorly suited	Low strength	
Borosaprists	Road suitability:	Poorly suited	Low strength	
Borohemists	Road suitability:	Poorly suited	Low strength	
Borosaprists	Erosion hazard (off-road):	Slight		
Borohemists	Erosion hazard (off-road):	Slight		