

**270A: Bucksport peat, 0 to 2 percent slopes**

The Bucksport component makes up 78 percent of the map unit. Slopes are 0 to 2 percent. This component is on hills on glaciated uplands, mountains on glaciated uplands. The parent material consists of peaty herbaceous organic material over mucky herbaceous organic material and/or mucky woody organic material. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 90 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.

Important farmland classification: NPSL

Land capability: 5 w

Vermont Agricultural Value Group: 11

Vermont Residential Onsite Waste Disposal Group and Subgroup: IVa

This unit is generally not 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. Excessive soil wetness in association with the minimal slope is the limiting condition. Prolonged periods of saturation at or near the soil surface do not allow for the proper functioning of septic systems.

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
Bucksport	0-20	PEAT	---	3.5 - 6.0	0.1-14	50-100	---	---	2
	20-32	MUCK	---	3.5 - 6.0	0.1-14	50-100	---	---	
	32-51	MUCK	---	3.5 - 6.5	0.1-14	50-100	---	---	
	51-65	MUCK	---	4.5 - 6.5	0.1-14	50-100	---	---	

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		
Bucksport	B/D	0.0	None		Frequent	Long (7 to	Yes	---

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

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Bucksport	Harvest equip operability:	Poorly suited	Low strength	Alder Swamp, Northern White Cedar Swamp, Black Spruce Swamp, Dwarf Shrub Bog,Black Spruce Woodland Bog,Red Maple-Northern White Cedar Swamp
Bucksport	Road suitability:	Poorly suited	Low strength	
Bucksport	Erosion hazard (off-road):	Slight		