

**BaA: Balch peat**

The Balch, undrained component makes up 95 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 swamps on lake plains, bogs on lake plains. The parent material consists of organic material. Depth to a root restrictive layer is greater than 60 inches.

Important farmland classification: NPSL	Land capability: 5 w	Vermont Agricultural Value Group: 11
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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
Balch, undrained	0-66	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		
Balch, 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
Balch, undrained	Dwellings with basements:	Very limited	Ponding		
Balch, undrained	Pond reservoir areas:	Very limited	Seepage		

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