

28: Udorthents and Udipsamments

The Udorthents component makes up 43 percent of the map unit. Water movement in the most restrictive layer is moderately high. This component is on fills, scalped areas. The parent material consists of human transported material. Depth to a root restrictive layer is greater than 60 inches.

The Udipsamments component makes up 42 percent of the map unit. Water movement in the most restrictive layer is high. This component is on fills, scalped areas. The parent material consists of human transported material. Depth to a root restrictive layer is greater than 60 inches.

Important farmland classification: NPSL

Land capability: 8 s

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
Udorthents	0-65	GR-SL	1-15	4.5 - 7.3	0.2-6	0.5-10	.10	.20	5
Udipsamments	0-65	S	0-1	4.5 - 7.3	6-100	0.0-0.5	.05	.05	5

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		
Udorthents	A	2.0->6.0	None		None		No	---
Udipsamments	A	2.0->6.0	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Udipsamments	Dwellings with basements:	Not rated			
Udorthents	Dwellings with basements:	Not rated			
Udipsamments	Pond reservoir areas:	Not rated			
Udorthents	Pond reservoir areas:	Not rated			

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Udipsamments	Harvest equip operability:	Not rated	Not rated; slope	
Udorthents	Harvest equip operability:	Not rated	Not rated; slope	
Udipsamments	Road suitability:	Not rated	Not rated; slope	
Udorthents	Road suitability:	Not rated	Not rated; slope	
Udipsamments	Erosion hazard (off-road):	Not rated		
Udorthents	Erosion hazard (off-road):	Not rated		