

75B: Urban land-Colton-Croghan complex, 0 to 8 percent slopes

The Urban land component makes up 45 percent of the map unit. Water movement in the most restrictive layer is low. This component is on urban land on nearly level to gently sloping outwash terraces on river valleys. The parent material consists of glaciofluvial deposits. Depth to a root restrictive layer is greater than 60 inches.

The Colton component makes up 25 percent of the map unit. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. This component is on nearly level to gently sloping outwash terraces on river valleys. The parent material consists of sandy and gravelly glaciofluvial deposits. Depth to a root restrictive layer is greater than 60 inches.

The Croghan component makes up 15 percent of the map unit. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is high. This component is on nearly level to gently sloping outwash terraces on river valleys. The parent material consists of sandy glaciofluvial deposits. Depth to a root restrictive layer is greater than 60 inches.

Important farmland classification: NPSL	Land capability: 8 s	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
Urban land	0-6	VAR	---	---	0.001-0.06	---	---	---	---
Colton	0-7	FSL	2-12	4.5 - 6.5	6-20	2.0-6.0	.17	.17	5
	7-14	GR-SL	0-5	4.5 - 6.0	6-20	0.5-2.0	.10	.24	
	14-22	GR-LS	0-5	4.5 - 6.0	6-20	0.5-2.0	.10	.17	
	22-65	GRV-LCOS	0-3	4.5 - 6.5	20-100	0.0-0.5	.05	.10	
Croghan	0-8	FSL	0-5	4.5 - 6.0	6-20	2.0-9.0	.24	.24	5
	8-28	LFS	0-5	4.5 - 6.0	20-100	0.5-2.0	.24	.24	
	28-65	FS	0-5	4.5 - 6.0	20-100	0.0-0.5	.10	.10	

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		
Urban land	---	---	None		None		Unranked	---
Colton	A	---	None		None		No	---
Croghan	A/D	1.5-2.0	None		None		No	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Croghan	Dwellings with basements:	Very limited	Depth to saturated zone	Pasture	5 AUM
Colton	Dwellings with basements:	Not limited		Grass-legume hay	2 Tons
Urban land	Dwellings with basements:	Not rated		Corn silage	12 Tons
Croghan	Pond reservoir areas:	Very limited	Seepage	Alfalfa hay	2.5 Tons
Colton	Pond reservoir areas:	Very limited	Seepage	Pasture	5.5 AUM
Urban land	Pond reservoir areas:	Not rated		Grass-legume hay	3 Tons
				Corn silage	14 Tons
				Alfalfa hay	3 Tons

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Croghan	Harvest equip operability:	Moderately suited	30-60cm to water table >=6mos	Hemlock-Northern Hardwood Forest, Hemlock-White Pine-Northern Hardwood Forest

Soil Fact Sheet - Continued

Windsor County, Vermont

Colton	Harvest equip operability:	Well suited		Variant, Lowland Spruce-Fir Forest, well drained phase, White Pine-Northern Hardwood Forest Variant, Hemlock Forest, Red Pine Forest or Woodland
Urban land	Harvest equip operability:	Not rated	Not rated; slope	
Croghan	Road suitability:	Moderately suited	Wetness	
Colton	Road suitability:	Well suited		
Urban land	Road suitability:	Not rated	Not rated; slope	
Croghan	Erosion hazard (off-road):	Slight		
Colton	Erosion hazard (off-road):	Slight		
Urban land	Erosion hazard (off-road):	Not rated		