VeB: Vershire-Glover rocky loams, 3 to 8 percent slopes

The Vershire component makes up 55 percent of the map unit. The natural drainage class is well drained. Water movement in the most restrictive layer is low. This component is on ridges on glaciated uplands, hills on glaciated uplands. The parent material consists of coarse-loamy till. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches.

The Glover component makes up 30 percent of the map unit. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is low. This component is on hills on glaciated uplands, ridges on glaciated uplands. The parent material consists of coarse-loamy till. Depth to a root restrictive layer, bedrock, lithic, is 10 to 20 inches.

Important farmland classification: Prime	Land capability: 2 e	Vermont Agricultural Value Group: 3e

Vermont Residential Onsite Waste Disposal Group and Subgroup: IIc

This unit is moderately 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. The depth to bedrock in some areas is the primary concern. A significant percentage of this map unit has sufficient soil depth over bedrock to accept a range of designs. On-site investigations can help avoid areas with limited depth to bedrock. Additional fill material may be needed in some areas in order to meet the separation distance requirement between the bottom of the leachfield and bedrock.

PHYSICAL and CHEMICAL PROPERTIES

Soil name	Depth (In)	Typical texture	Clay (Pct)	Soil reaction (pH)	Permeability (In/Hr)	Organic matter (Pct)	EROSION FACTORS Kw	Kf	T
Vershire	0-6	L	4-18	4.5 - 6.5	0.6-2	1.0-4.0	.32	.32	2
	6-30	GR-L	4-18	4.5 - 6.5	0.6-2	0.5-3.0	.24	.43	
	30-40	UWB	---	---	0.01-20	---	---	---	
Glover	0-8	L	4-18	4.5 - 6.5	0.6-2	2.0-8.0	.37	.37	1
	8-17	L	4-18	4.5 - 6.5	0.6-2	0.5-3.0	.43	.43	
	17-19	L	4-18	4.5 - 6.5	0.6-2	0.5-3.0	.43	.43	
	19-29	UWB	---	---	0.01-20	---	---	---	

WATER FEATURES **SOIL FEATURES**

Soil name	Hydrologic group	Depth to seasonal high water table (Feet)	Flooding Frequency	Flooding Duration	Ponding Frequency	Ponding Duration	Hydric soil?	Depth to bedrock (range in inches)
Vershire	C	---	None		None		No	20-40
Glover	D	---	None		None		No	10-20

LAND USE LIMITATIONS

Soil name	Land use	Rating	Reason **
Glover	Dwellings with basements:	Very limited	Depth to hard bedrock
Vershire	Dwellings with basements:	Very limited	Depth to hard bedrock
Glover	Pond reservoir areas:	Very limited	Depth to bedrock
Vershire	Pond reservoir areas:	Somewhat limited	Depth to bedrock

AGRICULTURAL YIELD DATA

Crop name	Yield / acre
Grass-legume hay	3.5 Tons
Grass-clover	5.6 AUM
Grass hay	3.5 Tons
Corn silage	17 Tons
Alfalfa hay	4 Tons
Grass-legume hay	3 Tons
Grass-clover	4.8 AUM
Grass hay	2.5 Tons
Corn silage	15 Tons

WOODLAND MANAGEMENT

Soil name	Management concern	Rating	Reason	Vermont natural communities
Glover	Harvest equip operability:	Well suited		Northern Hardwood Forest, Mesic Red Oak-Northern Hardwood Forest, Rich Northern Hardwood Forest, Hemlock Forest, Temperate Acidic Outcrop,
Vershire	Harvest equip operability:	Well suited		
Glover	Road suitability:	Well suited		
Vershire	Road suitability:	Well suited		

Glover	Erosion hazard (off-road):	Slight	Temperate Acidic Cliff,
Vershire	Erosion hazard (off-road):	Slight	Temperate Calcareous Outcrop, Temperate Calcareous Cliff