

36C: Teago-Pomfret complex, 8 to 15 percent slopes, rocky

The Teago, rocky component makes up 60 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 strongly sloping hills on glaciated uplands. The parent material consists of sandy till. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches.

The Pomfret, rocky component makes up 25 percent of the map unit. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is high. This component is on strongly sloping hills on glaciated uplands. The parent material consists of sandy till. Depth to a root restrictive layer, bedrock, lithic, is 40 to 96 inches.

Important farmland classification: Statewide

Land capability: 3 e

Vermont Agricultural Value Group: 5

Vermont Residential Onsite Waste Disposal Group and Subgroup: Ilc

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							EROSION FACTORS		
Soil name	Depth (In)	Typical texture	Clay (Pct)	Soil reaction (pH)	Permeability (In/Hr)	Organic matter (Pct)	Kw	Kf	T
Teago, rocky	0-5	FSL	1-7	5.1 - 6.5	2-20	2.0-8.0	.24	.24	2
	5-23	LFS	0-7	5.1 - 6.5	2-20	1.0-3.0	.20	.20	
	23-32	CN-S	0-5	6.1 - 7.3	6-20	0.0-2.0	.05	.10	
	32-42	UWB	---	---	0.01-20	---	---	---	
Pomfret, rocky	0-11	LFS	1-7	5.6 - 7.3	2-20	2.0-8.0	.15	.15	5
	11-34	LFS	1-7	5.6 - 7.3	2-20	0.5-3.0	.28	.28	
	34-61	FS	0-5	6.1 - 7.3	6-20	0.0-1.0	.10	.10	
	61-71	UWB	---	---	0.01-20	---	---	---	

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		
Teago, rocky	A	---	None		None		No	20-40
Pomfret, rocky	A	---	None		None		No	40-96

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Pomfret, rocky	Dwellings with basements:	Somewhat limited	Slope	Pasture	4.5 AUM
Teago, rocky	Dwellings with basements:	Very limited	Depth to hard bedrock	Grass hay	2.5 Tons
Pomfret, rocky	Pond reservoir areas:	Very limited	Seepage	Corn silage	14 Tons
Teago, rocky	Pond reservoir areas:	Very limited	Seepage	Alfalfa hay	3 Tons
				Pasture	4.8 AUM
				Grass hay	3 Tons
				Corn silage	18 Tons
				Alfalfa hay	3.5 Tons

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Pomfret	Harvest equip operability:	Well suited		Northern Hardwood Forest, Mesic Red Oak-Northern Hardwood Forest, Rich Northern Hardwood Forest
Teago	Harvest equip operability:	Well suited		
Pomfret	Road suitability:	Moderately suited	Slope	
Teago	Road suitability:	Moderately suited	Slope	

Pomfret	Erosion hazard (off-road):	Slight
Teago	Erosion hazard (off-road):	Slight