

48: Pits, Sand, and Pits, gravel

The Pits, sand component makes up 43 percent of the map unit. Water movement in the most restrictive layer is high. This component is on sand pits, 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
Pits, sand	0-6	S	0-1	---	6-20	0.0-0.1	.05	.05	---
	6-60	GR-COS	0-1	---	20-100	0.0-0.1	.05	.10	
Pits, gravel	0-6	GRV-S	0-1	---	6-20	0.0-0.1	.02	.05	---
	6-60	GRV-COS	0-1	---	20-100	0.0-0.1	.02	.05	

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		
Pits, sand	---	---	None		None		Unranked	---
Pits, gravel	---	---	None		None		Unranked	---

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

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