

83A: Wonsqueak and Pondicherry mucks, 0 to 2 percent slopes

Important farmland classification: NPSL	Land capability: 5 w	Vermont Agricultural Value Group: 11
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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
Wonsqueak	0-8	MUCK	---	3.5 - 6.5	0.1-14	50-100	---	---	1
	8-32	MUCK	---	3.5 - 6.5	0.1-14	50-100	---	---	
	32-65	SIL	5-30	4.5 - 7.8	0.1-14	3.0-20	.43	.43	
Pondicherry	0-4	MUCK	---	5.1 - 7.3	0.1-14	50-100	---	---	1
	4-20	MUCK	---	5.1 - 7.3	0.1-14	50-100	---	---	
	20-24	MK-LS	0-3	5.1 - 7.3	1-100	5.0-20	.20	.20	
	24-34	S	0-3	5.1 - 7.3	1-100	3.0-20	.10	.10	
	34-65	GR-S	0-3	5.1 - 7.3	1-100	1.0-11	.02	.02	

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		
Wonsqueak	B/D	0.0	None		Frequent	Long (7 to	Yes	---
Pondicherry	B/D	0.0	None		Frequent	Long (7 to	Yes	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Pondicherry	Dwellings with basements:	Very limited	Ponding		
Wonsqueak	Dwellings with basements:	Very limited	Ponding		
Pondicherry	Pond reservoir areas:	Very limited	Seepage		
Wonsqueak	Pond reservoir areas:	Somewhat limited	Seepage		

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Pondicherry	Harvest equip operability:	Poorly suited	<30cm to water table for	
Wonsqueak	Harvest equip operability:	Poorly suited	Low strength	
Pondicherry	Road suitability:	Poorly suited	Ponding	
Wonsqueak	Road suitability:	Poorly suited	Low strength	
Pondicherry	Erosion hazard (off-road):	Slight		
Wonsqueak	Erosion hazard (off-road):	Slight		