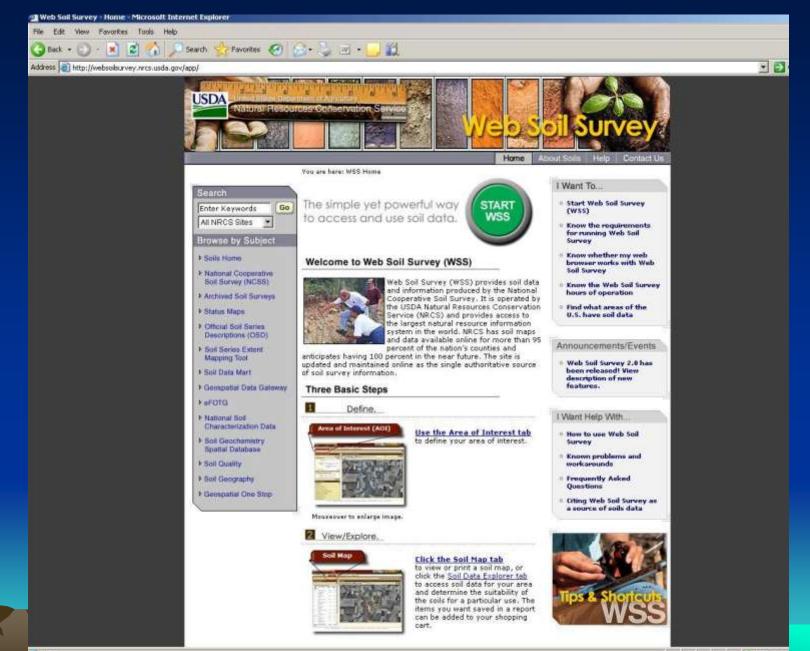
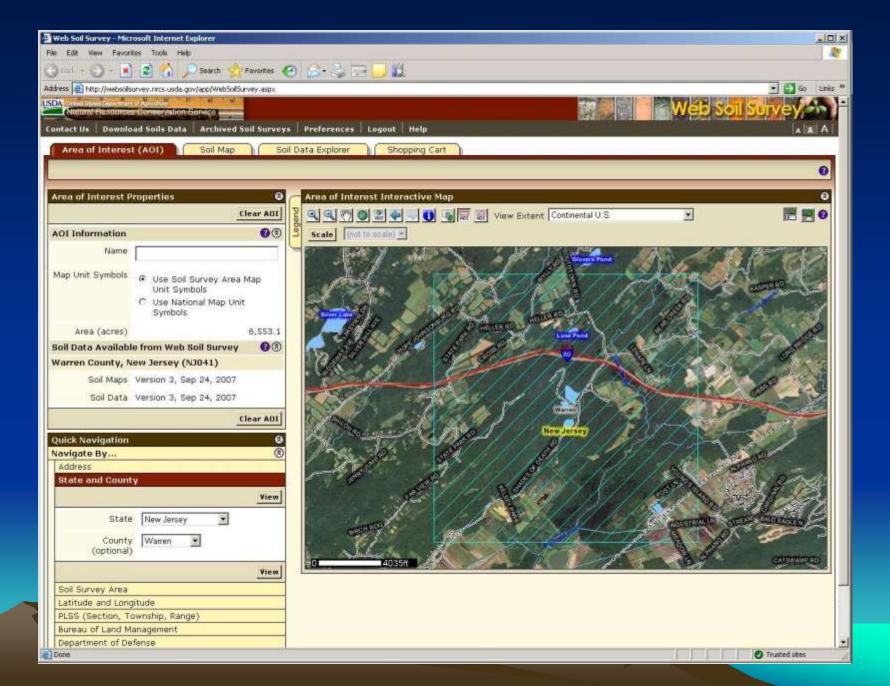
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Fred C. Schoenagel III Resource Soil Scientist USDA-NRCS

Web Soil Survey Address:

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FaxC Farmington-Rock outcrop complex, 0 to 15 percent slopes	CATSWAMP RD
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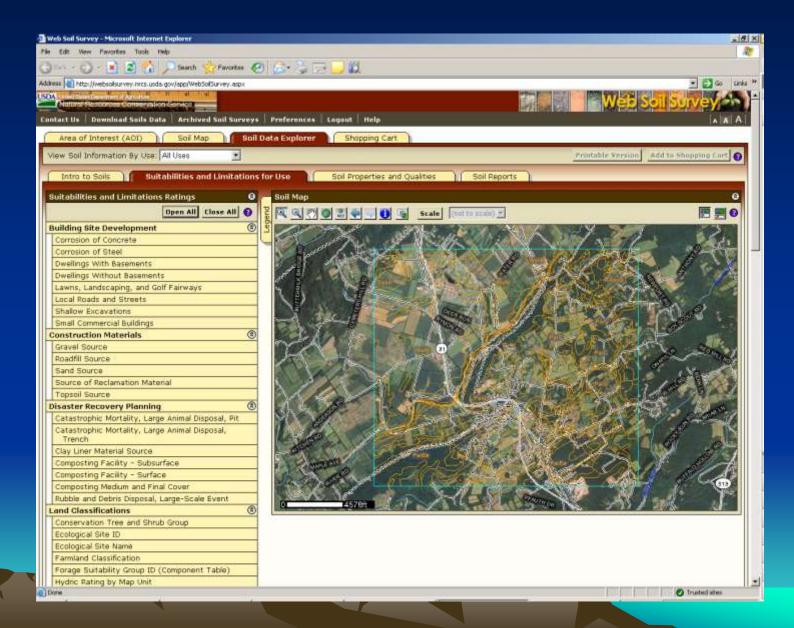
Soils Map – Printable Version



Types of Soils Interpretation Data

- Suitabilities and Limitations for Use
- Soil Properties and Qualities
- Soil Reports

Suitabilities and Limitations for Use



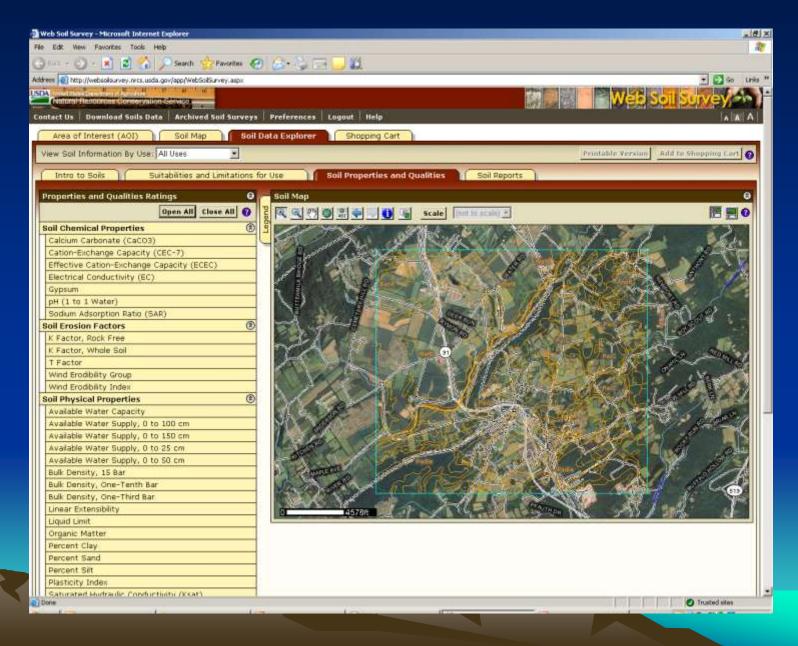
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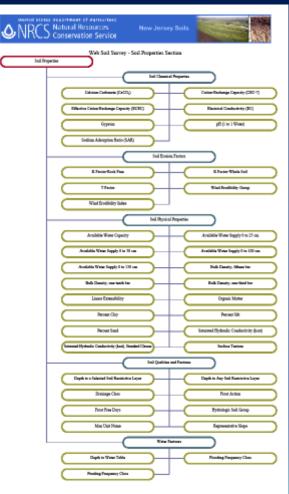
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Guidance document prepared by NJ-NRCS Soils Staff, available at: http://www.nj.nrcs.usda.gov/technical/soils/

Soil Properties and Qualities



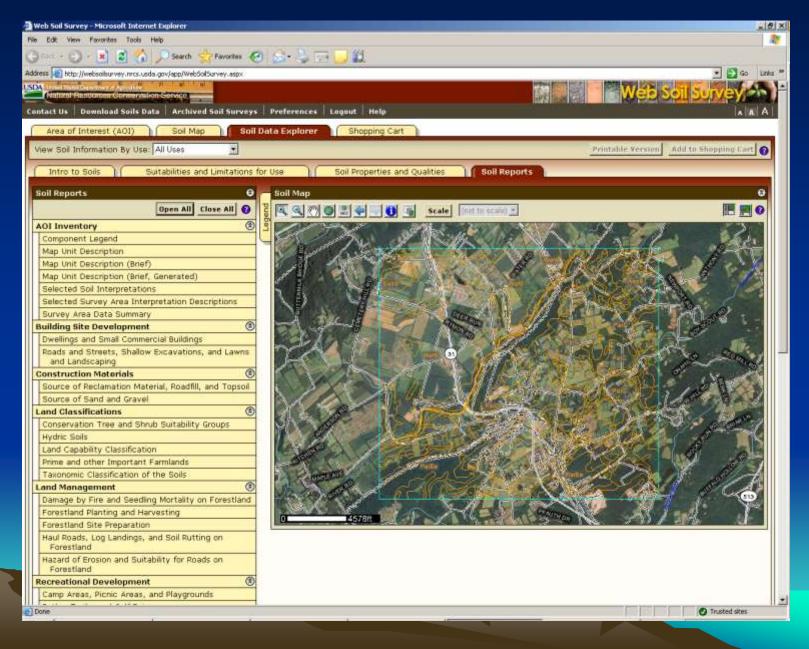
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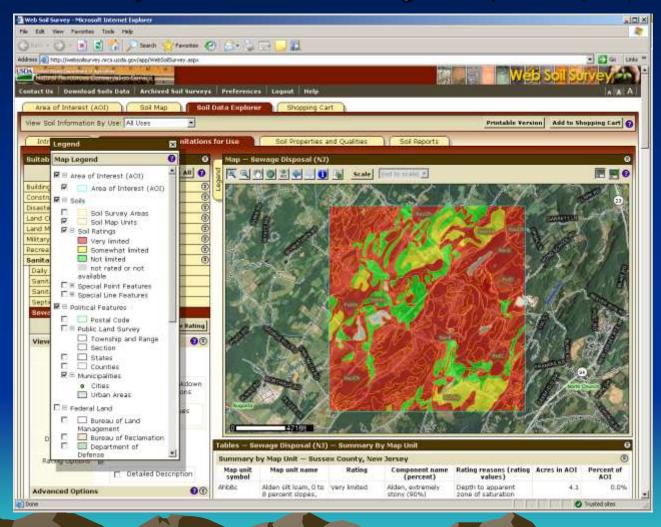
Guidance document prepared by NJ-NRCS Soils Staff, available at: http://www.nj.nrcs.usda.gov/technical/soils/

Common Soil Limitations



Lithic bedrock

Example: Suitabilities and Limitations for Use Sanitary Facilities – Sewage Disposal (NJ)



Example: Suitabilities and Limitations for Use Sanitary Facilities – Sewage Disposal (NJ)

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Rating		in a strength of the second	Tables — Bewage Disposal (NJ) — Bummary By Map Unit									
Rating Options	Detailed Description	Map unit symbol	by Map Unit — Sussi Map unit name	Rating	Composent name (percent)	Rating reasons (rating values)	Acres in AOI	Percent of AOI				
Advanced Options	03	AhbBc	Alden sit loam, 0 to 9 percent slopes, extremely story	Very Inited	Alden, extremely stony (90%)	Depth to apparent zone of saturation (1.00)	4.1	0.0%				
Sewage Lagoons	View Description View Bating					Not Permitted - Hydric Soil (1.00)						
egetative Productive aste Management	ty (E				Chippewa, extremely stony	Depth to perched zone of saturation (1.00)						
ater Management	ě				(10%)	Restrictive substratum (1.00)						
						Restrictive horizon (1.00)						
						Not Permitted - Hydric Self (1.00)						
		CatbA	Catden mucky peat, 0 to 2 percent slopes	Very limited	Catden (85%)	bepth to apparent zone of saturation (1.00)	40.9	0.6%				
						Not Permitted - Hydric Solf (1.00)						
					Alden (15%)	Depth to apparent some of saturation (1.00)						
						Not Permitted - Hydric Stell (1.00)						
					Walkit (0%)	Depth to apparent zone of saturation (1.00)						
						Not Fermitted - Hydric Soil (1.00)						
		FaxC	Farmington-Rock outgrop complex, 0	Very Inited	Farmington (58%)	Depth to massive bedrock (1.00)	24.1	0.39				
			to 13 percent slopes		Rock outcrop (40%)	Depth to massive bedrock (1.00)						
		Sec. 10			Galway (10%)	Depth to massive bedrock (1.00)						
		FrdAb	Fredon-Halsey complex, 0 to 3 percent slopes, very	Very limited	Fredon, very stony (45%)	Depth to apparent zone of saturation (1.00)	640.3	7.7%				
			apony.			Excessively coarse						

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Soil Reports

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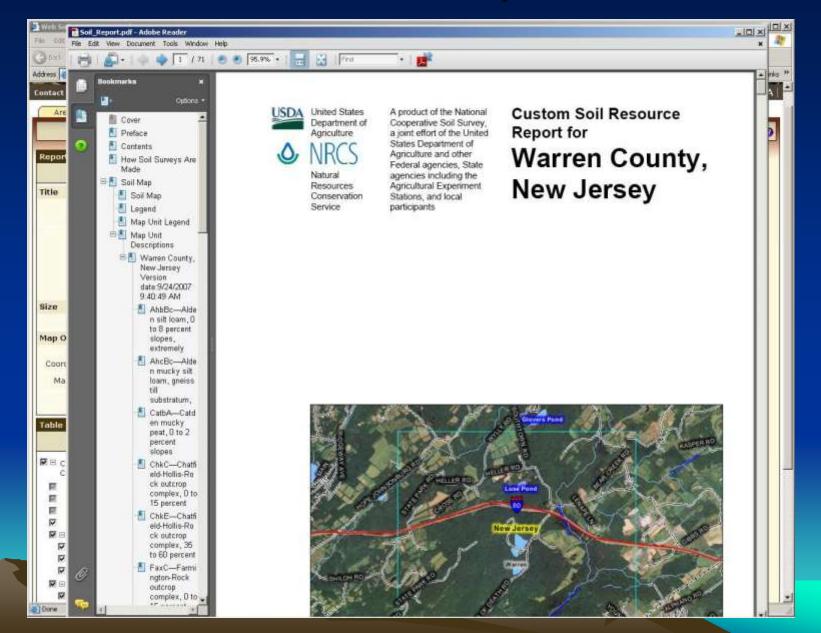
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Example: Soil Reports Physical Soil Properties

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eport — Physical Soil Proper Sussex County, New Jersey										_	_			(
Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Eros Kw	ion fai Kf	tors T	Wind erodibility group	Wind erodibility index
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hcBc—Alden mucky silt loam, gneiss till substratum, 0 to 8 percent slopes, extremely stony														
Alden, gneiss till substratum, extremely stony	0-1	0-30	0-55	0-22	0.13- 0.23	42.00-141.00	0.35-0.45	0.0-0.0	70.0- 100.0	.05	.05	3	8	0
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	9-23	5-71	26-59	2-39	1,29- 1,62	1.40-4.00	0.14-0.20	0.0-0.1	0.5-1.0	.37	.37			
	23-35	5-71	26-59	2-39	1.29- 1.62	1,40-4.00	0.14-0.20	0.0-0.1	0.5-1.0	,37	.37			
	35-60	5-68	17-59	8-39	1.29- 1.62	0.42-4.00	0.08-0.15	0.0-0.1	0.0-0.5	-28	.32			
atbA—Catden mucky peat, 0 to 2 percent slopes														
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	2-13	0-38	0-55	0-22	0.13° 0.23	1.40-42.00	0.35-0.45	0.0-0.0	70.0- 100.0	.05	,05			
	13-20	0-30	0-55	0-22	0.13- 0.23	1.40-42.00	0.35-0.45	0.0-0.0	70.0- 100.0	.05	.05			
	20-32	0-30	0-55	0-22	0.13- 0,23	1.40-42.00	0.35-0.45	0.0-0.0	70.0- 100.0	.05	.05			
	32-60	0-30	0-55	0-22	0.13- 0.23	1.40-42.00	0.35-0.45	0.0-0.0	70.0- 100.0	.05	.05			
hkC—Chatfield-Hollis-Rock outcrop complex, 0 to 15 percent slopes														
Chatfield	0-1	D-47	0-50	0-18	0.13- 0.23	42.00-141.00	0.35-0.45	0.0-0.0	70.0- 100.0	.05	.05	2	8	D
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Custom Soils Reports



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