Engineering Index Properties

General

This table gives estimates of the engineering classification and of the range of index properties for the major layers of each soil in the survey areas. Most soils have layers of contrasting properties within the upper 5 to 6 feet. Information in this table includes depth, USDA texture, Unified and AASHTO Classification, rock fragments larger than 3 inches, percentage passing designated sieves, liquid limit, and plasticity index.

Properties

Depth to the upper and lower boundaries of each layer is indicated.

Texture is given in the standard terms used by the USDA. The terms are defined according to percentages of sand, silt, and clay in the fraction of the soil that is less than 2 millimeters in diameter. (Textural terms are defined in Chapter 4, Soil Survey Manual or in the glossary of most soil survey reports) If the content of particles coarser than sand is 15 percent or more, an appropriate modifier is added, for example , "gravelly".

Unified classification system classifies soils according to properties that affect their use as construction material. Soils are classified according to grain-size distribution of the fraction less than 3 inches in diameter and according to plasticity index, liquid limit, and organic matter content.

AASHTO classification is the system adopted by the American Association of State Highway and Transportation Officials. It classifies soils according to those properties that affect roadway construction.

Rock fragments, 3 to 10 inches and greater than 10 inches in diameter, are indicated as a percentage of the total soil on a dry-weight basis. The percentages are estimates determined mainly by converting volume percentage in the field to weight percentage.

Percentage (of soil particles) passing designated sieves is the percentage of the soil fraction less than 3 inches in diameter based on an ovendry weight. The seives, numbers 4, 10, 40, and 200, have openings of 4.76, 2.00, 0.420, and 0.074 millimeters, respectively. Estimates are based on laboratory tests of soils sampled in the survey area and in nearby areas and on estimates made in the field.

Liquid limit and plasticity index (Atterberg limits) indicate the plasticity characteristics of a soil. The estimates are based on test data from the survey area, or from nearby areas, and on field examination.

See the National Soil Survey Handbook, Part 618, for definitions and discussion of particular properties.

Engineering Index Properties

Kennebec County, Maine

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
BhB:												
Berkshire	0-8	Fine Sandy Loam	ML	A-2	0	0-10	80-95	70-90	45-90	20-70	15-30	NP-10
			SM	A-4								
	8-24	Gravelly Loam	ML	A-2	0-10	0-20	75-95	65-85	40-85	20-65	15-30	NP-10
		Sandy Loam	SM	A-4								
		Fine Sandy Loam										
	24-60	Gravelly Loam	ML	A-2	0-10	0-20	75-90	65-85	40-80	20-60	15-20	NP-6
		Sandy Loam	SM	A-4								
		Fine Sandy Loam										
BkB:												
Berkshire	0-2	Very Stony Fine Sandy	ML	A-2	1-5	15-25	80-95	70-90	45-85	25-65	15-50	NP-10
			SM	A-4								
				A-5								
	2-24	Sandy Loam	ML	A-2	0-10	0-20	75-95	65-85	40-75	20-60	15-50	NP-10
		Fine Sandy Loam	SM	A-4								
		Gravelly Loam		A-5								
	24-60	Gravelly Loam	ML	A-2	0-10	0-20	75-90	65-85	40-80	20-55	15-20	NP-6
		Sandy Loam	SM	A-4								
		Fine Sandy Loam										
BkC:												
Berkshire	0-2	Very Stony Fine Sandy	ML	A-2	1-5	15-25	80-95	70-90	45-85	25-65	15-50	NP-10
			SM	A-4								
				A-5								
	2-24	Fine Sandy Loam	ML	A-2	0-10	0-20	75-95	65-85	40-75	20-60	15-50	NP-10
		Sandy Loam	SM	A-4								
		Gravelly Loam		A-5								
	24-60	Fine Sandy Loam	ML	A-2	0-10	0-20	75-90	65-85	40-80	20-55	15-20	NP-6
		Gravelly Loam	SM	A-4								
		Sandy Loam										
BkD:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
BkD:												
Berkshire	0-2	Very Stony Fine Sandy	ML	A-2	1-5	15-25	80-95	70-90	45-85	25-65	15-50	NP-10
			SM	A-4								
				A-5								
	2-24	Gravelly Loam	ML	A-2	0-10	0-20	75-95	65-85	40-75	20-60	15-50	NP-10
		Sandy Loam	SM	A-4								
		Fine Sandy Loam		A-5								
	24-60	Sandy Loam	ML	A-2	0-10	0-20	75-90	65-85	40-80	20-55	15-20	NP-6
		Gravelly Loam	SM	A-4								
		Fine Sandy Loam										
Bo:												
Biddeford	0-8	Mucky Peat	PT	A-8	0	0	---	---	---	---	0-14	---
	8-13	Silt Loam	CL	A-4	0	0	100	100	90-100	85-100	25-50	8-20
		Silty Clay Loam	ML	A-6								
		Silty Clay		A-7								
	13-32	Clay	CL	A-6	0	0	100	100	95-100	90-100	30-55	10-25
		Silty Clay Loam	MH	A-7								
		Silty Clay										
	32-60	Silty Clay	CL	A-6	0	0	100	100	95-100	90-100	30-55	10-25
		Silty Clay Loam	MH	A-7								
		Clay										
BuB2:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
BuB2:												
Buxton	0-7	Silt Loam	MH	A-4	0	0	98-100	95-100	95-100	85-100	36-55	5-15
			ML	A-5								
				A-7								
	7-15	Silt Loam	CL	A-4	0	0	98-100	95-100	95-100	85-100	28-55	8-25
		Silty Clay	MH	A-6								
		Silty Clay Loam	ML	A-7								
	15-36	Silty Clay	CL	A-4	0	0	98-100	95-100	95-100	85-100	28-55	8-25
		Silty Clay Loam	MH	A-6								
		Silt Loam	ML	A-7								
	36-60	Clay	CL	A-6	0	0	98-100	95-100	95-100	90-100	30-60	10-25
		Silty Clay Loam	MH	A-7								
		Silty Clay										
BuC2:												
Buxton	0-7	Silt Loam	MH	A-4	0	0	98-100	95-100	95-100	85-100	36-55	5-15
			ML	A-5								
				A-7								
	7-15	Silt Loam	CL	A-4	0	0	98-100	95-100	95-100	85-100	28-55	8-25
		Silty Clay	MH	A-6								
		Silty Clay Loam	ML	A-7								
	15-36	Silty Clay	CL	A-4	0	0	98-100	95-100	95-100	85-100	28-55	8-25
		Silty Clay Loam	MH	A-6								
		Silt Loam	ML	A-7								
	36-60	Clay	CL	A-6	0	0	98-100	95-100	95-100	90-100	30-60	10-25
		Silty Clay Loam	MH	A-7								
		Silty Clay										
C.F.:												
Cut And Fill Land	0-60	Very Gravelly Sandy Loam	GM	A-1	---	0-30	25-100	20-100	10-90	2-80	15-35	NP-10
			GP	A-2								
			ML	A-3								
			SM	A-4								
D.L.:												

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Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification: Unified	Classification: AASHTO	Fragments: >10 Inches	Fragments: 3-10 Inches	Percent Passing Sieve Number: 4	10	40	200	Liquid Limit	Plasticity Index
	In				Pct	Pct					Pct	
D.L.:												
Dune Land	0-6	Sand	SM SP SP-SM	A-2 A-3	0	0	100	100	50-70	0-15	0-14	NP
	6-60	Sand Fine Sand	SM SP SP-SM	A-2 A-3	0	0	100	100	50-80	0-25	0-14	NP
DeB:												
Deerfield	0-8	Loamy Fine Sand	SM SP-SM SW-SM	A-1 A-2 A-3 A-4	0	0	95-100	95-100	45-80	5-40	0-14	NP
	8-26	Loamy Fine Sand Loamy Sand Sand	SM SP-SM SW-SM	A-1 A-2 A-3 A-4	0	0	80-100	75-100	45-80	5-40	0-14	NP
	26-60	Coarse Sand Loamy Sand Fine Sand	SM SP-SM SW-SM	A-1 A-2 A-3	0	0	80-100	75-100	45-75	5-30	0-14	NP
G.P.:												
Gravel Pits	0-6	Extremely Gravelly Sand	GP GW	A-1	---	0-25	10-25	5-25	0-15	0-5	0-14	NP
	6-60	Extremely Gravelly Coarse Sand Extremely Gravelly Sand Very Gravelly Coarse Sand	GP GW SP SW	A-1-a	---	0-25	10-55	5-50	0-15	0-5	0-14	NP
Ha:												

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Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
Ha:												
Hadley	0-10	Silt Loam	CL CL-ML ML	A-4 A-6	0	0	95-100	95-100	90-100	80-95	15-40	NP-15
	10-34	Silt Loam Very Fine Sandy Loam	CL CL-ML ML	A-4 A-6	0	0	95-100	95-100	90-100	80-95	15-40	NP-15
	34-60	Very Fine Sandy Loam Loamy Very Fine Sand Silt Loam	CL CL-ML ML	A-4 A-6	0	0	95-100	95-100	90-100	60-95	15-40	NP-15
HfC:												
Hartland	0-7	Very Fine Sandy Loam	CL-ML ML	A-4 A-6	0	0	100	85-100	80-100	70-95	20-40	2-12
	7-15	Silt Loam Very Fine Sandy Loam	CL-ML ML	A-4	0	0	100	85-100	80-100	70-95	15-25	NP-5
	15-28	Very Fine Sandy Loam Silt Loam	CL-ML ML	A-4	0	0	100	85-100	80-100	70-95	15-25	NP-5
	28-60	Very Fine Sandy Loam Silt Loam Sandy Loam	CL-ML ML SC-SM SM	A-2 A-4	0	0	100	85-100	80-100	25-95	15-25	NP-5
HfD:												
Hartland	0-7	Very Fine Sandy Loam	CL-ML ML	A-4 A-6	0	0	100	85-100	80-100	70-95	20-40	2-12
	7-15	Very Fine Sandy Loam Silt Loam	CL-ML ML	A-4	0	0	100	85-100	80-100	70-95	15-25	NP-5
	15-28	Very Fine Sandy Loam Silt Loam	CL-ML ML	A-4	0	0	100	85-100	80-100	70-95	15-25	NP-5
	28-60	Sandy Loam Silt Loam Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-2 A-4	0	0	100	85-100	80-100	25-95	15-25	NP-5
HkB:												

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Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
HkB:												
Hinckley	0-2	Gravelly Sandy Loam	GM GW-GM SM SW-SM	A-1 A-2 A-4	0	10-25	35-80	30-75	20-65	10-40	0-10	NP-2
	2-10	Gravelly Coarse Sandy Very Gravelly Sand Gravelly Sandy Loam	GM GP-GM GW-GM SM	A-1 A-2 A-3	0-1	5-20	30-80	25-75	20-60	5-35	0-10	NP-2
	10-30	Gravelly Loamy Sand Gravelly Loamy Fine Sand Cobbly Coarse Sand	GM GP-GM SM SP	A-1	0-1	5-20	30-80	25-75	20-50	2-20	0-14	NP
	30-60	Very Cobbly Sand Very Gravelly Loamy Sand Very Gravelly Coarse Sand	GP GW SP SW	A-1-a	0-1	10-45	20-55	15-50	10-30	0-5	0-14	NP
HkC:												
Hinckley	0-2	Gravelly Sandy Loam	GM GW-GM SM SW-SM	A-1 A-2 A-4	0	10-25	35-80	30-75	20-65	10-40	0-10	NP-2
	2-10	Gravelly Sandy Loam Gravelly Coarse Sandy Very Gravelly Sand	GM GP-GM GW-GM SM	A-1 A-2 A-3	0-1	5-20	30-80	25-75	20-60	5-35	0-10	NP-2
	10-30	Cobbly Coarse Sand Gravelly Loamy Sand Gravelly Loamy Fine Sand	GM GP-GM SM SP	A-1	0-1	5-20	30-80	25-75	20-50	2-20	0-14	NP
	30-60	Gravelly Coarse Sand Very Cobbly Sand Very Gravelly Loamy Sand	GP GW SP SW	A-1-a	0-1	10-45	20-55	15-50	10-30	0-5	0-14	NP

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Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
HkC:												
HkD:												
Hinckley	0-2	Gravelly Sandy Loam	GM GW-GM SM SW-SM	A-1 A-2 A-4	0	10-25	35-80	30-75	20-65	10-40	0-10	NP-2
	2-10	Gravelly Sandy Loam Very Gravelly Sand Gravelly Coarse Sandy	GM GP-GM GW-GM SM	A-1 A-2 A-3	0-1	5-20	30-80	25-75	20-60	5-35	0-10	NP-2
	10-30	Cobbly Coarse Sand Gravelly Loamy Fine Sand Gravelly Loamy Sand	GM GP-GM SM SP	A-1	0-1	5-20	30-80	25-75	20-50	2-20	0-14	NP
	30-60	Very Cobbly Sand Gravelly Coarse Sand Very Gravelly Loamy Sand	GP GW SP SW	A-1	0-1	10-45	20-55	15-50	10-30	0-5	0-14	NP
HrB:												
Hollis	0-5	Fine Sandy Loam	ML SM	A-1 A-2 A-4	---	0-15	80-95	70-90	40-85	20-80	15-35	NP-6
	5-18	Silt Loam Gravelly Fine Sandy Loam Loam	GM ML SM	A-1 A-2 A-4	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
HrC:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
HrC:												
Hollis	0-5	Fine Sandy Loam	ML SM	A-1 A-2 A-4	---	0-15	80-95	70-90	40-85	20-80	15-35	NP-6
	5-18	Silt Loam Gravelly Fine Sandy Loam Loam	GM ML SM	A-1 A-2 A-4	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
HrD:												
Hollis	0-5	Fine Sandy Loam	ML SM	A-1 A-2 A-4	---	0-15	80-95	70-90	40-85	20-80	15-35	NP-6
	5-18	Loam Silt Loam Channery Fine Sandy Loam	GM ML SM	A-1 A-2 A-4	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
HtB:												
Hollis	0-5	Very Stony Fine Sandy	GM ML SM	A-1 A-2 A-4	---	5-20	65-95	60-90	35-80	15-75	15-30	NP-6
	5-18	Loam Gravelly Fine Sandy Loam Silt Loam	GM ML SM	A-1 A-2 A-4	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
HtC:												
Hollis	0-5	Very Stony Fine Sandy	GM ML SM	A-1 A-2 A-4	---	5-20	65-95	60-90	35-80	15-75	15-30	NP-6
	5-18	Silt Loam Gravelly Fine Sandy Loam Loam	GM ML SM	A-1 A-2 A-4	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	0-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

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Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
HtC:												
HtD:												
Hollis	0-5	Very Stony Fine Sandy	GM ML SM	A-1 A-2 A-4	---	5-20	65-95	60-90	35-80	15-75	15-30	NP-6
	5-18	Gravelly Fine Sandy Loam Loam Silt Loam	GM ML SM	A-1 A-2 A-4	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	0-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Lk:												
Limerick	0-10	Silt Loam	CL CL-ML ML	A-4 A-6	0	0	100	100	95-100	80-95	15-40	NP-15
	10-60	Loamy Very Fine Sand Very Fine Sandy Loam Silt Loam	CL CL-ML ML	A-4 A-6	0	0	100	100	95-100	60-95	15-40	NP-15
LyB:												
Lyman	0-4	Loam	ML SM	A-1 A-2 A-4	---	0-15	80-95	70-90	40-85	20-80	15-35	NP-6
	4-18	Channery Fine Sandy Loam Loam Silt Loam	GM ML SM	A-1 A-2 A-4	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
LyC:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
LyC:												
Lyman	0-4	Loam	ML SM	A-1 A-2 A-4	---	0-15	80-95	70-90	40-85	20-80	15-35	NP-6
	4-18	Channery Fine Sandy Loam Loam Silt Loam	GM ML SM	A-1 A-2 A-4	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
LyD:												
Lyman	0-4	Loam	ML SM	A-1 A-2 A-4	---	0-15	80-95	70-90	40-85	20-80	15-35	NP-6
	4-18	Silt Loam Channery Fine Sandy Loam Loam	GM ML SM	A-1 A-2 A-4	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
LzC:												
Lyman	0-4	Very Stony Loam	GM ML SM	A-1 A-2 A-4	---	5-20	65-95	60-90	35-80	15-75	15-30	NP-6
	4-18	Channery Fine Sandy Loam Loam Silt Loam	GM ML SM	A-1 A-2 A-4	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	0-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
M.L.:												
Made Land	0-60	Variable	---	---	---	---	---	---	---	---	0-14	---
MoA:												

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Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification: Unified	Classification: AASHTO	Fragments: >10 Inches	Fragments: 3-10 Inches	Percent Passing Sieve Number: 4	10	40	200	Liquid Limit	Plasticity Index
	In				Pct	Pct					Pct	
MoA:												
Monarda	0-5	Silt Loam	ML SM	A-2 A-4 A-5	0-1	0-5	85-95	75-95	55-95	30-85	15-45	NP-10
	5-13	Silt Loam Gravelly Very Fine Sandy Loam Gravelly Silt Loam	CL-ML ML SC-SM SM	A-4	0-5	0-10	65-95	55-95	45-95	35-85	15-30	NP-10
	13-60	Gravelly Very Fine Sandy Loam Silt Loam Gravelly Silt Loam	CL-ML ML SC-SM SM	A-4	0-5	0-10	65-95	55-95	45-95	35-85	15-30	NP-10
MrA:												
Monarda	0-5	Very Stony Silt Loam	GM ML SM	A-2 A-4	1-5	5-10	65-95	55-95	40-95	25-70	15-40	NP-10
	5-13	Gravelly Silt Loam Gravelly Very Fine Sandy Loam Silt Loam	CL-ML ML SC-SM SM	A-4	0-5	0-10	65-95	55-95	45-95	35-85	15-30	NP-10
	13-60	Gravelly Very Fine Sandy Loam Silt Loam Gravelly Silt Loam	CL-ML ML SC-SM SM	A-4	0-5	0-10	65-95	55-95	45-95	35-85	15-30	NP-10
PbB:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PbB:												
Paxton	0-8	Fine Sandy Loam	CL-ML ML SC SM	A-2 A-4	0-1	0-10	90-100	75-90	50-90	30-80	15-30	NP-10
	8-31	Fine Sandy Loam Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	31-60	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10
PbC:												
Paxton	0-8	Fine Sandy Loam	CL-ML ML SC SM	A-2 A-4	0-1	0-10	90-100	75-90	50-90	30-80	15-30	NP-10
	8-31	Fine Sandy Loam Gravelly Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	31-60	Fine Sandy Loam Gravelly Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10
PcB:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PcB:												
Paxton	0-8	Very Stony Fine Sandy	CL-ML ML SC SM	A-2 A-4	1-5	5-15	90-100	75-90	50-90	30-80	15-30	NP-10
	8-31	Fine Sandy Loam Gravelly Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	31-60	Loam Gravelly Sandy Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10
PcC:												
Paxton	0-8	Very Stony Fine Sandy	CL-ML ML SC SM	A-2 A-4	1-5	5-15	90-100	75-90	50-90	30-80	15-30	NP-10
	8-31	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	31-60	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10
PcD:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PcD:												
Paxton	0-8	Very Stony Fine Sandy	CL-ML ML SC SM	A-2 A-4	1-5	5-15	90-100	75-90	50-90	30-80	15-30	NP-10
	8-31	Fine Sandy Loam Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	31-60	Gravelly Sandy Loam Fine Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10
PdB:												
Paxton	0-8	Fine Sandy Loam	CL-ML ML SC SM	A-2 A-4	0-1	0-10	90-100	75-90	50-90	30-80	15-30	NP-10
	8-31	Gravelly Sandy Loam Fine Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	31-60	Loam Gravelly Sandy Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PdB:												
Charlton	0-8	Fine Sandy Loam	ML SM	A-2 A-4	0	0-10	80-95	70-90	45-90	20-70	15-30	NP-10
	8-30	Gravelly Loam Fine Sandy Loam Sandy Loam	ML SM	A-2 A-4	0-10	0-20	75-95	65-85	40-85	20-65	15-30	NP-10
	30-60	Gravelly Loam Gravelly Fine Sandy Loam Sandy Loam	ML SM	A-2 A-4	0-10	0-20	75-90	65-85	40-80	20-60	15-20	NP-6
PdC2:												
Paxton	0-6	Fine Sandy Loam	CL-ML ML SC SM	A-2 A-4	0-1	0-10	90-100	75-90	50-90	30-80	15-30	NP-10
	6-27	Fine Sandy Loam Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	27-60	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10
Charlton	0-6	Fine Sandy Loam	ML SM	A-2 A-4	0	0-10	80-95	70-90	45-90	20-70	15-30	NP-10
	6-20	Sandy Loam Fine Sandy Loam Gravelly Loam	ML SM	A-2 A-4	0-10	0-20	75-95	65-85	40-85	20-65	15-30	NP-10
	20-60	Gravelly Fine Sandy Loam Gravelly Loam Sandy Loam	ML SM	A-2 A-4	0-10	0-20	75-90	65-85	40-80	20-60	15-20	NP-6
PdD2:												

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Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PdD2:												
Paxton	0-6	Fine Sandy Loam	CL-ML ML SC SM	A-2 A-4	0-1	0-10	90-100	75-90	50-90	30-80	15-30	NP-10
	6-27	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	27-60	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10
Charlton	0-6	Fine Sandy Loam	ML SM	A-2 A-4	0	0-10	80-95	70-90	45-90	20-70	15-30	NP-10
	6-20	Sandy Loam Fine Sandy Loam Gravelly Loam	ML SM	A-2 A-4	0-10	0-20	75-95	65-85	40-85	20-65	15-30	NP-10
	20-60	Sandy Loam Gravelly Loam Gravelly Fine Sandy Loam	ML SM	A-2 A-4	0-10	0-20	75-90	65-85	40-80	20-60	15-20	NP-6
PeB:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PeB:												
Paxton	0-2	Very Stony Fine Sandy	CL-ML ML SC SM	A-2 A-4	1-5	5-15	90-100	75-90	50-90	30-80	15-30	NP-10
	2-31	Loam Fine Sandy Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	31-60	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10
Charlton	0-2	Very Stony Fine Sandy	ML SM	A-2 A-4 A-5	1-5	15-25	80-95	70-90	45-85	25-65	15-50	NP-10
	2-24	Sandy Loam Gravelly Loam Fine Sandy Loam	ML SM	A-2 A-4 A-5	0-10	0-20	75-95	65-85	40-75	20-60	15-50	NP-10
	24-60	Sandy Loam Gravelly Loam Gravelly Fine Sandy Loam	ML SM	A-2 A-4	0-10	0-20	75-90	65-85	40-80	20-55	15-20	NP-6
PeC:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PeC:												
Paxton	0-2	Very Stony Fine Sandy	CL-ML ML SC SM	A-2 A-4	1-5	5-15	90-100	75-90	50-90	30-80	15-30	NP-10
	2-31	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	31-60	Fine Sandy Loam Gravelly Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10
Charlton	0-2	Very Stony Fine Sandy	ML SM	A-2 A-4 A-5	1-5	15-25	80-95	70-90	45-85	25-65	15-50	NP-10
	2-24	Gravelly Loam Sandy Loam Fine Sandy Loam	ML SM	A-2 A-4 A-5	0-10	0-20	75-95	65-85	40-75	20-60	15-50	NP-10
	24-60	Sandy Loam Gravelly Loam Gravelly Fine Sandy Loam	ML SM	A-2 A-4	0-10	0-20	75-90	65-85	40-80	20-55	15-20	NP-6
PeD:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PeD:												
Paxton	0-2	Very Stony Fine Sandy	CL-ML ML SC SM	A-2 A-4	1-5	5-15	90-100	75-90	50-90	30-80	15-30	NP-10
	2-31	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	31-60	Loam Fine Sandy Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-90	60-85	35-80	20-60	15-30	NP-10
Charlton	0-2	Very Stony Fine Sandy	ML SM	A-2 A-4 A-5	1-5	15-25	80-95	70-90	45-85	25-65	15-50	NP-10
	2-24	Gravelly Loam Fine Sandy Loam Sandy Loam	ML SM	A-2 A-4 A-5	0-10	0-20	75-95	65-85	40-75	20-60	15-50	NP-10
	24-60	Gravelly Loam Sandy Loam Gravelly Fine Sandy Loam	ML SM	A-2 A-4	0-10	0-20	75-90	65-85	40-80	20-55	15-20	NP-6
PfB:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification: Unified	Classification: AASHTO	Fragments: >10 Inches	Fragments: 3-10 Inches	Percent Passing Sieve Number: 4	10	40	200	Liquid Limit	Plasticity Index
	In				Pct	Pct					Pct	
PfB:												
Peru	0-5	Fine Sandy Loam	CL-ML ML SM	A-2 A-4	0-1	0-10	90-100	75-90	50-90	30-80	15-30	NP-10
	5-22	Loam Fine Sandy Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	22-60	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-95	55-95	35-80	20-60	15-30	NP-10
PkB:												
Peru	0-5	Very Stony Fine Sandy	CL-ML ML SC SM	A-2 A-4	1-5	5-15	90-100	75-90	50-90	30-80	15-30	NP-10
	5-22	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	22-60	Gravelly Sandy Loam Fine Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-95	55-95	35-80	20-60	15-30	NP-10
PkC:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification: Unified	Classification: AASHTO	Fragments: >10 Inches	Fragments: 3-10 Inches	Percent Passing Sieve Number: 4	10	40	200	Liquid Limit	Plasticity Index
	In				Pct	Pct					Pct	
PkC:												
Peru	0-5	Very Stony Fine Sandy	CL-ML ML SC SM	A-2 A-4	1-5	5-15	90-100	75-90	50-90	30-80	15-30	NP-10
	5-22	Fine Sandy Loam Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	22-60	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-95	55-95	35-80	20-60	15-30	NP-10
RcA:												
Ridgebury	0-8	Fine Sandy Loam	CL-ML ML SC-SM SM	A-2 A-4	0-1	0-5	85-100	80-95	50-85	25-55	15-30	NP-10
	8-14	Silt Loam Gravelly Sandy Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1 A-2 A-4	0-10	0-10	65-95	55-90	35-90	20-80	15-30	NP-10
	14-60	Gravelly Sandy Loam Fine Sandy Loam Loam	CL-ML GM SC-SM SM	A-1 A-2 A-4	0-10	0-10	65-95	55-90	35-85	20-70	15-30	NP-10
RdA:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
RdA:												
Ridgebury	0-8	Very Stony Fine Sandy	CL-ML ML SC-SM SM	A-1 A-2 A-4	1-5	1-15	65-95	55-90	35-90	20-80	15-30	NP-10
	8-14	Fine Sandy Loam Silt Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1 A-2 A-4	0-10	0-10	65-95	55-90	35-90	20-80	15-30	NP-10
	14-60	Fine Sandy Loam Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1 A-2 A-4	0-10	0-10	65-95	55-90	35-85	20-70	15-30	---
Rf:												
Rifle	0-12	Mucky Peat	PT	A-8	0	0	---	---	---	---	---	---
	12-65	Mucky Peat	PT	A-8	0	0	---	---	---	---	---	---
SA:												
Saco	0-11	Very Fine Sandy Loam	CL CL-ML ML	A-4 A-6	0	0	95-100	90-100	85-100	80-95	15-40	NP-15
	11-34	Very Fine Sandy Loam Silt Loam Loamy Very Fine Sand	ML	A-4	0	0	95-100	90-100	85-100	60-95	15-40	NP-10
	34-60	Loamy Very Fine Sand Very Fine Sandy Loam Silt Loam	CL-ML ML SC-SM SM	A-4	0	0	95-100	90-100	80-100	35-95	15-25	NP-5
ScA:												

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Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
ScA:												
Scantic	0-9	Silt Loam	MH	A-4	0	0	100	95-100	90-100	70-100	36-55	5-20
			ML	A-5								
				A-7								
	9-30	Silty Clay Loam	CL	A-4	0	0	100	95-100	95-100	85-100	25-55	8-25
		Silt Loam	MH	A-6								
		Clay		A-7								
	30-60	Silty Clay	CL	A-6	0	0	100	95-100	95-100	90-100	30-60	10-25
		Silty Clay Loam	MH	A-7								
		Clay										
Sd:												
Scarboro	0-4	Mucky Peat	PT	A-8	0	0	---	---	---	---	---	---
	4-14	Mucky Sand	OL	A-1	0	0	85-100	75-100	40-85	5-55	15-20	NP
		Fine Sandy Loam	SM	A-2								
		Loamy Fine Sand	SP-SM	A-3								
				A-4								
	14-28	Coarse Sand	SM	A-1	0	0	80-100	75-100	25-80	2-45	0-14	NP
		Loamy Fine Sand	SP	A-2								
		Fine Sand	SP-SM	A-3								
				A-4								
	28-60	Sand	GM	A-1	0	0	45-100	40-100	15-80	1-45	0-14	NP
		Gravelly Loamy Fine Sand	GP	A-2								
		Very Gravelly Coarse Sand	SM	A-3								
			SP	A-4								
SkB:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
SkB:												
Scio	0-10	Very Fine Sandy Loam	CL-ML ML	A-4 A-6	0	0	90-100	85-100	70-100	60-90	20-40	2-12
	10-22	Silt Loam Loamy Very Fine Sand Very Fine Sandy Loam	CL-ML ML	A-4	0	0	90-100	85-100	75-100	60-90	15-25	NP-5
	22-60	Sandy Loam Silt Loam Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-2 A-4	0	0	90-100	85-100	65-100	30-90	15-25	NP-5
SkC2:												
Scio	0-8	Very Fine Sandy Loam	CL-ML ML	A-4 A-6	0	0	90-100	85-100	70-100	60-90	20-40	2-12
	8-20	Very Fine Sandy Loam Silt Loam Loamy Very Fine Sand	CL-ML ML	A-4	0	0	90-100	85-100	75-100	60-90	15-25	NP-5
	20-60	Very Fine Sand Very Fine Sandy Loam Silt Loam	CL-ML ML SC-SM SM	A-2 A-4	0	0	90-100	85-100	65-100	30-90	15-25	NP-5
SuC2:												
Suffield	0-6	Silt Loam	MH ML	A-4 A-5 A-7	0	0	98-100	95-100	95-100	85-100	36-55	5-15
	6-18	Silt Loam Silty Clay Silty Clay Loam	CL MH ML	A-4 A-6 A-7	0	0	98-100	95-100	95-100	85-100	28-55	8-25
	18-60	Clay Silty Clay Loam Silty Clay	CL ML	A-6 A-7	0	0	98-100	95-100	95-100	90-100	30-60	10-25
SuD2:												

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Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
SuD2:												
Suffield	0-6	Silt Loam	MH	A-4	0	0	98-100	95-100	95-100	85-100	36-55	5-15
			ML	A-5								
				A-7								
	6-18	Silt Loam	CL	A-4	0	0	98-100	95-100	95-100	85-100	28-55	8-25
		Silty Clay	MH	A-6								
		Silty Clay Loam	ML	A-7								
	18-60	Silty Clay	CL	A-6	0	0	98-100	95-100	95-100	90-100	30-60	10-25
		Silty Clay Loam	ML	A-7								
		Clay										
SuE2:												
Suffield	0-6	Silt Loam	MH	A-4	0	0	98-100	95-100	95-100	85-100	36-55	5-15
			ML	A-5								
				A-7								
	6-18	Silty Clay Loam	CL	A-4	0	0	98-100	95-100	95-100	85-100	28-55	8-25
		Silt Loam	MH	A-6								
		Silty Clay	ML	A-7								
	18-60	Silty Clay	CL	A-6	0	0	98-100	95-100	95-100	90-100	30-60	10-25
		Silty Clay Loam	ML	A-7								
		Clay										
To:												
Togus	0-15	Peat	PT	A-8	0	0	---	---	---	---	---	---
	15-36	Peat	PT	A-8	0	0	---	---	---	---	---	---
		Mucky Peat										
		Peat										
	36-65	Sand	SM	A-2	0	0	95-100	85-95	50-85	5-50	0-14	NP
		Fine Sand	SP-SM	A-3								
		Very Fine Sand		A-4								
Va:												
Vassalboro	0-27	Peat	PT	A-8	0	0	---	---	---	---	0-14	---
	27-65	Peat	PT	A-8	0	0	---	---	---	---	0-14	---
		Peat										

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Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WmB:												
Windsor	0-10	Loamy Sand	SM SP-SM	A-1 A-2 A-3 A-4	0	0	95-100	95-100	45-85	5-40	0-14	NP
	10-29	Loamy Fine Sand Sand Loamy Sand	SM SP-SM	A-1 A-2 A-3 A-4	0	0	95-100	95-100	35-95	5-40	0-14	NP
	29-60	Fine Sand Sand Coarse Sand	SP SP-SM SW-SM	A-1 A-2 A-3	---	0-1	80-100	70-100	20-90	0-10	0-14	NP
WmC:												
Windsor	0-10	Loamy Sand	SM SP-SM	A-1 A-2 A-3 A-4	0	0	95-100	95-100	45-85	5-40	0-14	NP
	10-29	Loamy Sand Loamy Fine Sand Sand	SM SP-SM	A-1 A-2 A-3 A-4	0	0	95-100	95-100	35-95	5-40	0-14	NP
	29-60	Coarse Sand Fine Sand Sand	SP SP-SM SW-SM	A-1 A-2 A-3	---	0-1	80-100	70-100	20-90	0-10	0-14	NP
WmD:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WmD:												
Windsor	0-10	Loamy Sand	SM SP-SM	A-1 A-2 A-3 A-4	0	0	95-100	95-100	45-85	5-40	0-14	NP
	10-29	Loamy Fine Sand Sand Loamy Sand	SM SP-SM	A-1 A-2 A-3 A-4	0	0	95-100	95-100	35-95	5-40	0-14	NP
	29-60	Sand Coarse Sand Fine Sand	SP SP-SM SW-SM	A-1 A-2 A-3	---	0-1	80-100	70-100	20-90	0-10	0-14	NP
Wn:												
Winooski	0-10	Silt Loam	CL CL-ML ML	A-4 A-6	0	0	95-100	95-100	90-100	80-95	15-40	NP-15
	10-42	Silt Loam Very Fine Sandy Loam	CL CL-ML ML	A-4 A-6	0	0	95-100	95-100	90-100	80-95	15-40	NP-15
	42-60	Silt Loam Loamy Very Fine Sand Very Fine Sand	CL CL-ML ML	A-4 A-6	0	0	95-100	95-100	90-100	60-95	15-40	NP-15
WrB:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WrB:												
Woodbridge	0-7	Fine Sandy Loam	CL-ML ML SM	A-2 A-4	0-1	0-10	90-100	75-90	50-90	30-80	15-30	NP-10
	7-22	Fine Sandy Loam Gravelly Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	22-60	Fine Sandy Loam Gravelly Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-95	55-95	35-80	20-60	15-30	NP-10
WrC:												
Woodbridge	0-7	Fine Sandy Loam	CL-ML ML SM	A-2 A-4	0-1	0-10	90-100	75-90	50-90	30-80	15-30	NP-10
	7-22	Fine Sandy Loam Gravelly Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	22-60	Gravelly Sandy Loam Fine Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-95	55-95	35-80	20-60	15-30	NP-10
WsB:												

Engineering Index Properties - Continued

Kennebec County, Maine

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WsB:												
Woodbridge	0-7	Very Stony Fine Sandy	CL-ML ML SC SM	A-2 A-4	1-5	5-15	90-100	75-90	50-90	30-80	15-30	NP-10
	7-22	Gravelly Sandy Loam Loam Fine Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	22-60	Fine Sandy Loam Gravelly Sandy Loam Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-95	55-95	35-80	20-60	15-30	NP-10
WsC:												
Woodbridge	0-7	Very Stony Fine Sandy	CL-ML ML SC SM	A-2 A-4	1-5	5-15	90-100	75-90	50-90	30-80	15-30	NP-10
	7-22	Loam Fine Sandy Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	75-95	60-90	40-85	20-65	15-30	NP-10
	22-60	Loam Fine Sandy Loam Gravelly Sandy Loam	CL-ML ML SC-SM SM	A-1-b A-2 A-4	0-1	0-15	70-95	55-95	35-80	20-60	15-30	NP-10