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

York 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	
AdB:												
Adams	0-3	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
	3-18	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
	18-60	Gravelly 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
AdC:												
Adams	0-3	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
	3-18	Sand Loamy Sand Loamy Fine 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
	18-60	Gravelly 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
AdD:												

Engineering Index Properties - Continued

York 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	
AdD:												
Adams	0-3	Loamy Sand	SM	A-1	0	0	95-100	95-100	45-85	5-40	0-14	NP
			SP-SM	A-2								
				A-3								
				A-4								
	3-18	Loamy Sand	SM	A-1	0	0	95-100	95-100	35-95	5-40	0-14	NP
		Sand	SP-SM	A-2								
		Loamy Fine Sand		A-3								
				A-4								
	18-60	Fine Sand	SP	A-1	---	0-1	80-100	70-100	20-90	0-10	0-14	NP
		Gravelly Sand	SP-SM	A-2								
		Coarse Sand	SW-SM	A-3								
AgB:												
Adams	0-3	Loamy Sand	SM	A-1	0	0	95-100	95-100	45-85	5-40	0-14	NP
			SP-SM	A-2								
				A-3								
				A-4								
	3-18	Sand	SM	A-1	0	0	95-100	95-100	35-95	5-40	0-14	NP
		Loamy Sand	SP-SM	A-2								
		Loamy Fine Sand		A-3								
				A-4								
	18-60	Coarse Sand	SP	A-1	---	0-1	80-100	70-100	20-90	0-10	0-14	NP
		Fine Sand	SP-SM	A-2								
		Gravelly Sand	SW-SM	A-3								
Urban Land	0-6	Variable	---	---	---	---	---	---	---	---	0-14	---
AlB:												
Allagash	0-7	Very Fine Sandy Loam	ML	A-4	0	0	85-100	80-100	70-100	40-90	15-44	NP-9
			SM	A-5								
	7-20	Loam	ML	A-2	0	0	85-100	80-100	60-100	30-90	15-40	NP-7
		Fine Sandy Loam	SM	A-4								
		Silt Loam										
	20-60	Fine Sand	SM	A-1	0	0	85-100	75-100	35-85	5-35	0-14	NP
		Loamy Fine Sand	SP-SM	A-2								
		Sand		A-3								
AlC:												

Engineering Index Properties - Continued

York 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	
AlC:												
Allagash	0-7	Very Fine Sandy Loam	ML SM	A-4 A-5	0	0	85-100	80-100	70-100	40-90	15-44	NP-9
	7-20	Silt Loam Loam Fine Sandy Loam	ML SM	A-2 A-4	0	0	85-100	80-100	60-100	30-90	15-40	NP-7
	20-60	Fine Sand Sand Loamy Fine Sand	SM SP-SM	A-1 A-2 A-3	0	0	85-100	75-100	35-85	5-35	0-14	NP
Ba:												
Beaches	0-6	Coarse Sand	SP	A-1 A-3	0	0	100	75-100	5-85	0-5	0-14	NP
	6-60	Fine Sand Sand Coarse Sand	SP	A-1 A-3	0	0	100	75-100	5-85	0-5	0-14	NP
BcB:												
Becket	0-6	Fine Sandy Loam	SM	A-2 A-4	0-1	0-10	85-95	75-90	60-85	20-50	15-18	NP
	6-23	Fine Sandy Loam Gravelly Sandy Loam Sandy Loam	SM	A-2 A-4	0-1	5-15	75-95	60-95	50-75	20-45	12-15	NP
	23-60	Sandy Loam Gravelly Sandy Loam Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1 A-2	0-1	5-25	60-85	45-75	30-70	10-35	0-14	NP
BcC:												
Becket	0-6	Fine Sandy Loam	SM	A-2 A-4	0-1	0-10	85-95	75-90	60-85	20-50	15-18	NP
	6-23	Sandy Loam Fine Sandy Loam Gravelly Sandy Loam	SM	A-2 A-4	0-1	5-15	75-95	60-95	50-75	20-45	12-15	NP
	23-60	Gravelly Loamy Sand Sandy Loam Gravelly Sandy Loam	GM GP-GM SM SP-SM	A-1 A-2	0-1	5-25	60-85	45-75	30-70	10-35	0-14	NP

Engineering Index Properties - Continued

York 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	
BcD:												
Becket	0-6	Fine Sandy Loam	SM	A-2 A-4	0-1	0-10	85-95	75-90	60-85	20-50	15-18	NP
	6-23	Sandy Loam Fine Sandy Loam Gravelly Sandy Loam	SM	A-2 A-4	0-1	5-15	75-95	60-95	50-75	20-45	12-15	NP
	23-60	Sandy Loam Gravelly Loamy Sand Gravelly Sandy Loam	GM GP-GM SM SP-SM	A-1 A-2	0-1	5-25	60-85	45-75	30-70	10-35	0-14	NP
BeB:												
Becket	0-2	Very Stony Fine Sandy	SC SC-SM SM	A-1-b A-2 A-4	1-5	5-25	70-95	60-90	30-85	20-50	15-30	NP-10
	2-23	Gravelly Sandy Loam Sandy Loam Fine Sandy Loam	SC SC-SM SM	A-2 A-4	0-1	5-15	75-95	60-95	50-75	25-45	15-25	NP-10
	23-60	Sandy Loam Gravelly Loamy Sand Gravelly Sandy Loam	GM GP-GM SM SP-SM	A-1 A-2	0-1	5-25	60-85	45-75	30-70	10-35	0-14	NP
BeC:												
Becket	0-2	Very Stony Fine Sandy	SC SC-SM SM	A-1-b A-2 A-4	1-5	5-25	70-95	60-90	30-85	20-50	15-30	NP-10
	2-23	Gravelly Sandy Loam Sandy Loam Fine Sandy Loam	SC SC-SM SM	A-2 A-4	0-1	5-15	75-95	60-95	50-75	25-45	15-25	NP-10
	23-60	Sandy Loam Gravelly Loamy Sand Gravelly Sandy Loam	GM GP-GM SM SP-SM	A-1 A-2	0-1	5-25	60-85	45-75	30-70	10-35	0-14	NP
BeD:												

Engineering Index Properties - Continued

York 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	
BeD:												
Becket	0-2	Very Stony Fine Sandy	SC	A-1-b	1-5	5-25	70-95	60-90	30-85	20-50	15-30	NP-10
			SC-SM	A-2								
			SM	A-4								
	2-23	Fine Sandy Loam	SC	A-2	0-1	5-15	75-95	60-95	50-75	25-45	15-25	NP-10
		Gravelly Sandy Loam	SC-SM	A-4								
		Sandy Loam	SM									
	23-60	Gravelly Sandy Loam	GM	A-1	0-1	5-25	60-85	45-75	30-70	10-35	0-14	NP
		Sandy Loam	GP-GM	A-2								
		Gravelly Loamy Sand	SM									
			SP-SM									
Bm:												
Biddeford	0-14	Mucky Peat	PT	A-8	0	0	---	---	---	---	0-14	---
	14-19	Silty Clay Loam	CL	A-4	0	0	100	100	90-100	85-100	25-50	8-20
		Silt Loam	ML	A-6								
		Silty Clay		A-7								
	19-50	Clay	CL	A-6	0	0	100	100	95-100	90-100	30-55	10-25
		Silty Clay Loam	MH	A-7								
		Silty Clay										
	50-74	Silty Clay Loam	CL	A-6	0	0	100	100	95-100	90-100	30-55	10-25
		Clay	MH	A-7								
		Silty Clay										
BrB:												
Brayton	0-5	Fine Sandy Loam	CL-ML	A-2	0-1	0-5	85-100	80-95	50-85	25-55	15-30	NP-10
			ML	A-4								
			SC-SM									
			SM									
	5-11	Silt Loam	CL-ML	A-1	0-10	0-10	65-95	55-90	35-90	20-80	15-30	NP-10
		Gravelly Sandy Loam	ML	A-2								
		Fine Sandy Loam	SC-SM	A-4								
			SM									
	11-60	Gravelly Sandy Loam	GM	A-1	0-10	0-10	65-95	55-90	35-85	20-70	15-30	NP-10
		Fine Sandy Loam	ML	A-2								
		Loam	SC	A-4								
			SM									

Engineering Index Properties - Continued

York 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	
BrB:												
Westbury	0-4	Fine Sandy Loam	ML SM	A-2 A-4	0	0-5	65-95	50-90	45-90	30-70	15	NP-4
	4-23	Fine Sandy Loam Gravelly Sandy Loam Silt Loam	GM ML SM	A-1 A-2 A-4	0	0-15	65-85	50-80	30-75	15-70	15	NP-4
	23-36	Fine Sandy Loam Very Gravelly Fine Sandy Loam Gravelly Sandy Loam	GM GW-GM ML SM	A-1 A-2 A-4	0	0-15	55-85	35-80	20-75	10-65	15	NP-4
	36-60	Very Gravelly Very Fine Sandy Loam Gravelly Loam Sandy Loam	GM GW-GM ML SM	A-1 A-2 A-4	0	0-15	55-85	35-80	20-75	10-65	15	NP-4
BsB:												
Brayton	0-5	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
	5-11	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
	11-60	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	---

Engineering Index Properties - Continued

York 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	
BsB:												
Westbury	0-4	Very Stony Fine Sandy	GM	A-1	1-5	0-15	55-80	50-80	30-75	15-70	15	NP-4
			ML	A-2								
			SM	A-4								
	4-23	Gravelly Sandy Loam	GM	A-1	0	0-15	55-95	50-80	30-75	15-70	15	NP-4
		Silt Loam	ML	A-2								
		Fine Sandy Loam	SM	A-4								
	23-36	Fine Sandy Loam	GM	A-1	0	0-15	40-90	35-80	20-75	10-65	15	NP-4
		Very Gravelly Fine Sandy	GW-GM	A-2								
		Loam	ML	A-4								
		Gravelly Sandy Loam	SM									
	36-60	Very Gravelly Fine Sandy	GM	A-1	0	0-15	40-90	35-80	20-75	10-65	15	NP-4
		Loam	GW-GM	A-2								
		Gravelly Loam	ML	A-4								
		Sandy Loam	SM									
BuB:												
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								
	7-19	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								
	19-37	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								
	37-60	Silty Clay	CL	A-6	0	0	98-100	95-100	95-100	90-100	30-60	10-25
		Clay	MH	A-7								
		Silty Clay Loam										
BuC:												

Engineering Index Properties - Continued

York 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	
BuC:												
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								
	7-19	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								
	19-37	Silt Loam	CL	A-4	0	0	98-100	95-100	95-100	85-100	28-55	8-25
		Silty Clay Loam	MH	A-6								
		Silty Clay	ML	A-7								
	37-60	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										
BuD:												
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								
	7-19	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								
	19-37	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								
	37-60	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										
Ch:												
Chocorua	0-8	Peat	PT	A-8	0	0	---	---	---	---	---	---
	8-32	Mucky Peat	PT	A-8	0	0	---	---	---	---	---	---
	32-60	Stratified Gravelly Sand To	SM	A-1	0	0	75-100	60-100	30-80	0-30	0-14	NP
		Loamy Fine Sand	SP	A-2								
				A-3								
CoB:												

Engineering Index Properties - Continued

York 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	
CoB:												
Colton	0-10	Gravelly Loamy Sand	GM GW SM SP	A-1 A-2 A-3	0	15-25	30-80	25-75	25-60	2-25	0-10	NP-2
	10-18	Gravelly Coarse Sand Very Gravelly Sand Gravelly Loamy Fine Sand	GM GP SM SP	A-1	0-1	5-20	30-80	25-75	20-50	2-20	0-14	NP
	18-60	Very Gravelly Loamy Sand Gravelly Coarse Sand Very Cobbly Sand	GP GW SP SW	A-1	0-1	10-45	20-55	15-50	10-30	0-5	0-14	NP
CoC:												
Colton	0-10	Gravelly Loamy Sand	GM GW SM SP	A-1 A-2 A-3	0	15-25	30-80	25-75	25-60	2-25	0-10	NP-2
	10-18	Gravelly Coarse Sand Very Gravelly Sand Gravelly Loamy Fine Sand	GM GP SM SP	A-1	0-1	5-20	30-80	25-75	20-50	2-20	0-14	NP
	18-60	Very Cobbly Sand Very Gravelly Loamy Sand Gravelly Coarse Sand	GP GW SP SW	A-1	0-1	10-45	20-55	15-50	10-30	0-5	0-14	NP
CoD:												

Engineering Index Properties - Continued

York 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	
CoD:												
Colton	0-10	Gravelly Loamy Sand	GM GW SM SP	A-1 A-2 A-3	0	15-25	30-80	25-75	25-60	2-25	0-10	NP-2
	10-18	Gravelly Loamy Fine Sand Gravelly Coarse Sand Very Gravelly Sand	GM GP SM SP	A-1	0-1	5-20	30-80	25-75	20-50	2-20	0-14	NP
	18-60	Gravelly Coarse Sand Very Cobbly 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
CoE:												
Colton	0-10	Gravelly Loamy Sand	GM GW SM SP	A-1 A-2 A-3	0	15-25	30-80	25-75	25-60	2-25	0-10	NP-2
	10-18	Very Gravelly Sand Gravelly Loamy Fine Sand Gravelly Coarse Sand	GM GP SM SP	A-1	0-1	5-20	30-80	25-75	20-50	2-20	0-14	NP
	18-60	Gravelly Coarse Sand Very Cobbly 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
CrB:												

Engineering Index Properties - Continued

York 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	
CrB:												
Croghan	0-7	Loamy 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
	7-28	Sand Loamy Fine Sand Loamy 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
	28-60	Coarse Sand Loamy Sand 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
CuB:												
Croghan	0-7	Loamy 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
	7-28	Loamy Sand Sand Loamy Fine 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
	28-60	Loamy Sand Sand Coarse 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
Urban Land	0-6	Variable	---	---	---	---	---	---	---	---	0-14	---
Dm:												
Dumps	0-60	Variable	---	---	---	---	---	---	---	---	0-14	---
EmB:												

Engineering Index Properties - Continued

York 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	
EmB:												
Elmwood	0-14	Fine Sandy Loam	ML SM	A-2 A-4	0	0	100	95-100	55-85	30-55	15-30	NP-7
	14-20	Sandy Loam Very Fine Sandy Loam Silt Loam	CL ML SC SM	A-2 A-4	0	0	100	95-100	55-95	30-75	15-30	NP-9
	20-60	Silty Clay Clay Clay Loam	CH CL	A-6 A-7	0	0	100	100	95-100	90-100	35-55	11-30
EmC:												
Elmwood	0-14	Fine Sandy Loam	ML SM	A-2 A-4	0	0	100	95-100	55-85	30-55	15-30	NP-7
	14-20	Very Fine Sandy Loam Sandy Loam Silt Loam	CL ML SC SM	A-2 A-4	0	0	100	95-100	55-95	30-75	15-30	NP-9
	20-60	Clay Loam Silty Clay Clay	CH CL	A-6 A-7	0	0	100	100	95-100	90-100	35-55	11-30
HeB:												
Hermon	0-6	Fine Sandy Loam	SM	A-2 A-4	0-1	0-5	80-95	75-90	50-80	15-45	15-40	NP-10
	6-19	Gravelly Sandy Loam Gravelly Fine Sandy Loam Very Gravelly Coarse Sand	GM GP-GM SM SP-SM	A-1 A-2 A-4	5-15	10-30	40-80	30-75	15-65	10-40	15-40	NP-10
	19-60	Very Gravelly Coarse Sand Gravelly Loamy Coarse Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1 A-2 A-3	5-15	10-30	40-80	30-75	10-55	5-25	0-14	NP
HeC:												

Engineering Index Properties - Continued

York 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	
HeC:												
Hermon	0-6	Fine Sandy Loam	SM	A-2 A-4	0-1	0-5	80-95	75-90	50-80	15-45	15-40	NP-10
	6-19	Gravelly Sandy Loam Gravelly Fine Sandy Loam Very Gravelly Coarse Sand	GM GP-GM SM SP-SM	A-1 A-2 A-4	5-15	10-30	40-80	30-75	15-65	10-40	15-40	NP-10
	19-60	Gravelly Loamy Sand Very Gravelly Coarse Sand Gravelly Loamy Coarse	GM GP-GM SM SP-SM	A-1 A-2 A-3	5-15	10-30	40-80	30-75	10-55	5-25	0-14	NP
HeD:												
Hermon	0-6	Fine Sandy Loam	SM	A-2 A-4	0-1	0-5	80-95	75-90	50-80	15-45	15-40	NP-10
	6-19	Very Gravelly Coarse Sand Gravelly Sandy Loam Gravelly Fine Sandy Loam	GM GP-GM SM SP-SM	A-1 A-2 A-4	5-15	10-30	40-80	30-75	15-65	10-40	15-40	NP-10
	19-60	Gravelly Loamy Coarse Gravelly Loamy Sand Very Gravelly Coarse Sand	GM GP-GM SM SP-SM	A-1 A-2 A-3	5-15	10-30	40-80	30-75	10-55	5-25	0-14	NP
HmB:												

Engineering Index Properties - Continued

York 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	
HmB:												
Hermon	0-4	Very Stony Fine Sandy	GM SM	A-1 A-2 A-4	1-5	5-30	60-95	50-90	30-80	15-45	15-40	NP-10
	4-10	Fine Sandy Loam Sandy Loam Very Gravelly Coarse Sandy Loam	GM SM	A-1 A-2 A-4	0-15	5-30	60-95	50-90	30-80	15-45	15-40	NP-10
	10-27	Gravelly Sandy Loam Gravelly Fine Sandy Loam Very Gravelly Coarse Sand	GM GP-GM SM SP-SM	A-1 A-2 A-4	5-20	10-30	40-80	30-75	15-65	10-40	15-40	NP-10
	27-60	Gravelly Loamy Sand Very Gravelly Coarse Sand Gravelly Loamy Coarse	GM GP-GM SM SP-SM	A-1 A-2 A-3	5-20	10-30	40-80	35-75	10-55	5-25	0-14	NP
HmC:												
Hermon	0-4	Very Stony Fine Sandy	GM SM	A-1 A-2 A-4	1-5	5-30	60-95	50-90	30-80	15-45	15-40	NP-10
	4-10	Fine Sandy Loam Very Gravelly Coarse Sandy Loam Sandy Loam	GM SM	A-1 A-2 A-4	0-15	5-30	60-95	50-90	30-80	15-45	15-40	NP-10
	10-27	Gravelly Sandy Loam Gravelly Fine Sandy Loam Very Gravelly Coarse Sand	GM GP-GM SM SP-SM	A-1 A-2 A-4	5-20	10-30	40-80	30-75	15-65	10-40	15-40	NP-10
	27-60	Very Gravelly Coarse Sand Gravelly Loamy Coarse Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1 A-2 A-3	5-20	10-30	40-80	35-75	10-55	5-25	0-14	NP
HmD:												

Engineering Index Properties - Continued

York 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	
HmD:												
Hermon	0-4	Very Stony Fine Sandy	GM SM	A-1 A-2 A-4	1-5	5-30	60-95	50-90	30-80	15-45	15-40	NP-10
	4-10	Very Gravelly Coarse Sandy Loam Sandy Loam Fine Sandy Loam	GM SM	A-1 A-2 A-4	0-15	5-30	60-95	50-90	30-80	15-45	15-40	NP-10
	10-27	Very Gravelly Coarse Sand Gravelly Sandy Loam Gravelly Fine Sandy Loam	GM GP-GM SM SP-SM	A-1 A-2 A-4	5-20	10-30	40-80	30-75	15-65	10-40	15-40	NP-10
	27-60	Very Gravelly Coarse Sand Gravelly Loamy Coarse Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1 A-2 A-3	5-20	10-30	40-80	35-75	10-55	5-25	0-14	NP
HnC:												
Hermon	0-4	Extremely Stony Fine Sandy Loam	GM SM	A-1 A-2 A-4	5-25	10-50	60-95	50-90	30-80	15-45	15-40	NP-10
	4-10	Sandy Loam Fine Sandy Loam Very Gravelly Coarse Sandy Loam	GM SM	A-1 A-2 A-4	0-15	5-30	60-95	50-90	30-80	15-45	15-40	NP-10
	10-27	Gravelly Fine Sandy Loam Very Gravelly Coarse Sand Gravelly Sandy Loam	GM GP-GM SM SP-SM	A-1 A-2 A-4	5-20	10-30	40-80	30-75	15-65	10-40	15-40	NP-10
	27-60	Gravelly Loamy Coarse Gravelly Loamy Sand Very Gravelly Coarse Sand	GM GP-GM SM SP-SM	A-1 A-2 A-3	5-20	10-30	40-80	35-75	10-55	5-25	0-14	NP
HnE:												

Engineering Index Properties - Continued

York 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	
HnE:												
Hermon	0-4	Extremely Stony Fine Sandy Loam	GM SM	A-1 A-2 A-4	5-25	10-50	60-95	50-90	30-80	15-45	15-40	NP-10
	4-10	Very Gravelly Coarse Sandy Loam Sandy Loam Fine Sandy Loam	GM SM	A-1 A-2 A-4	0-15	5-30	60-95	50-90	30-80	15-45	15-40	NP-10
	10-27	Gravelly Sandy Loam Gravelly Fine Sandy Loam Very Gravelly Coarse Sand	GM GP-GM SM SP-SM	A-1 A-2 A-4	5-20	10-30	40-80	30-75	15-65	10-40	15-40	NP-10
	27-60	Gravelly Loamy Sand Very Gravelly Coarse Sand Gravelly Loamy Coarse	GM GP-GM SM SP-SM	A-1 A-2 A-3	5-20	10-30	40-80	35-75	10-55	5-25	0-14	NP
LnB:												
Lyman	0-4	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
	4-18	Loam Silt Loam Gravelly 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	---	---	---	---	---	---	---	---	---	---
LnC:												
Lyman	0-4	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
	4-18	Loam Silt Loam Gravelly 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	---	---	---	---	---	---	---	---	---	---
LnD:												

Engineering Index Properties - Continued

York 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	
LnD:												
Lyman	0-4	Fine Sandy Loam	ML	A-1	---	0-15	80-95	70-90	40-85	20-80	15-35	NP-6
			SM	A-2								
				A-4								
	4-18	Silt Loam	GM	A-1	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
		Gravelly Fine Sandy Loam	ML	A-2								
		Loam	SM	A-4								
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
LyB:												
Lyman	0-4	Very Stony Fine Sandy	GM	A-1	---	5-20	65-95	60-90	35-80	15-75	15-30	NP-6
			ML	A-2								
			SM	A-4								
	4-18	Loam	GM	A-1	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
		Gravelly Fine Sandy Loam	ML	A-2								
		Silt Loam	SM	A-4								
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	0-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
LyC:												
Lyman	0-4	Very Stony Fine Sandy	GM	A-1	---	5-20	65-95	60-90	35-80	15-75	15-30	NP-6
			ML	A-2								
			SM	A-4								
	4-18	Gravelly Fine Sandy Loam	GM	A-1	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
		Loam	ML	A-2								
		Silt Loam	SM	A-4								
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	0-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
LyE:												
Lyman	0-4	Very Stony Fine Sandy	GM	A-1	---	5-20	65-95	60-90	35-80	15-75	15-30	NP-6
			ML	A-2								
			SM	A-4								
	4-18	Silt Loam	GM	A-1	---	0-20	65-95	60-90	35-85	20-80	15-30	NP-4
		Gravelly Fine Sandy Loam	ML	A-2								
		Loam	SM	A-4								
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Engineering Index Properties - Continued

York 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	
LyE:												
Rock Outcrop	0-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
MaB:												
Madawaska	0-10	Fine Sandy Loam	ML SM	A-4	0	0	90-100	85-100	60-95	35-65	15-40	NP-10
	10-23	Very Fine Sandy Loam Fine Sandy Loam	ML SM	A-4	0	0	90-100	85-100	60-95	35-65	15-40	NP-10
	23-60	Loamy Fine Sand Sand Fine Sand	SM SP-SM	A-1 A-2 A-3	0	0	90-100	85-100	40-85	5-35	0-14	NP
MrB:												
Marlow	0-9	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
	9-29	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
	29-60	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
MrC2:												

Engineering Index Properties - Continued

York 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	
MrC2:												
Marlow	0-9	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
	9-29	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
	29-60	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
MrD2:												
Marlow	0-9	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
	9-29	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
	29-60	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
MvB:												

Engineering Index Properties - Continued

York 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	
MvB:												
Marlow	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
	2-29	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
	29-60	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
MvC:												
Marlow	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
	2-29	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
	29-60	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
MvD:												

Engineering Index Properties - Continued

York 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	
MvD:												
Marlow	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
	2-29	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
	29-60	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
Na:												
Naumburg	0-5	Sand	SM SP-SM SW-SM	A-2 A-3 A-4	0	0	95-100	90-100	50-85	5-45	0-14	NP
	5-28	Loamy Fine Sand Loamy Sand Sand	SM SP-SM SW-SM	A-1 A-2 A-3	0	0	95-100	90-100	45-85	5-35	0-14	NP
	28-60	Loamy Fine Sand Sand Coarse Sand	SM SP-SM SW-SM	A-1 A-2 A-3	0	0	95-100	90-100	45-80	5-35	0-14	NP
On:												
Ondawa	0-9	Fine Sandy Loam	ML SM	A-2 A-4	0	0	100	95-100	60-100	30-60	0-14	NP
	9-30	Very Fine Sandy Loam Loam Sandy Loam	ML SM	A-2 A-4	0	0	100	95-100	80-95	20-70	0-14	NP
	30-60	Fine Sand	SM SP SP-SM	A-1 A-2 A-3	0	0	70-100	45-100	25-75	0-25	0-14	NP
PeB:												

Engineering Index Properties - Continued

York 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:												
Peru	0-9	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
	9-20	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
	20-60	Fine Sandy Loam 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
Pg:												
Pits	0-6	Extremely Gravelly Sand	GP GW	A-1	0	0-25	10-25	5-25	0-15	0-5	0-14	NP
	6-60	Very Gravelly Coarse Sand Extremely Gravelly Coarse Sand Extremely Gravelly Sand	GP GW SP SW	A-1	0	0-25	10-55	5-50	0-15	0-5	0-14	NP
Po:												
Podunk	0-8	Fine Sandy Loam	ML SM	A-2 A-4	0	0	100	100	60-100	30-90	0-14	NP
	8-25	Fine Sandy Loam Loam Sandy Loam	ML SM	A-2 A-4	0	0	100	100	60-95	30-75	0-14	NP
	25-60	Loamy Fine Sand	SM SP SP-SM	A-1 A-2 A-3	0	0	70-100	45-100	25-75	0-25	0-14	NP

Engineering Index Properties - Continued

York 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	
Po:												
Winooski	0-11	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
	11-18	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
	18-60	Silt Loam Very Fine Sandy Loam Loamy 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
Ra:												
Raynham	0-6	Silt Loam	ML	A-4	0	0	100	90-100	80-100	55-95	15-30	NP-4
	6-36	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	90-100	80-100	55-95	15-30	NP-4
	36-60	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	95-100	90-100	70-95	15-35	NP-4
RoC:												
Rock Outcrop	0-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Lyman	0-3	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
	3-18	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	---	---	---	---	---	---	---	---	---	---
RoE:												
Rock Outcrop	0-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Lyman	0-3	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
	3-18	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	---	---	---	---	---	---	---	---	---	---

Engineering Index Properties - Continued

York 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	
Ru:												
Rumney	0-9	Loam	ML SM	A-4	0	0	85-100	75-100	65-95	40-75	15-25	NP-4
	9-25	Loam Sandy Loam Very Fine Sandy Loam	ML SM	A-2 A-4	0	0	85-100	75-100	45-95	25-75	15	NP-4
	25-60	Loamy Fine Sand	SM SP SP-SM	A-1 A-2 A-3	0	0	70-100	45-100	25-75	0-25	0-14	NP
Sa:												
Saco	0-13	Mucky Silt Loam	CL CL-ML ML OL	A-4 A-6	0	0	100	95-100	90-100	75-90	15-40	NP-15
	13-24	Silt Loam Loamy Very Fine Sand Very Fine Sandy Loam	ML	A-4	0	0	95-100	90-100	85-100	60-95	15-40	NP-10
	24-60	Silt Loam Loamy Very Fine Sand Very Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	95-100	90-100	80-100	35-95	15-25	NP-5
Sc:												
Scantic	0-14	Silt Loam	MH ML	A-4 A-5 A-7	0	0	100	95-100	90-100	70-100	36-55	5-20
	14-36	Clay Silt Loam Silty Clay	CL MH	A-4 A-6 A-7	0	0	100	95-100	95-100	85-100	25-55	8-25
	36-60	Silty Clay Loam Silty Clay Clay	CL MH	A-6 A-7	0	0	100	95-100	95-100	90-100	30-60	10-25
SeB:												

Engineering Index Properties - Continued

York 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	
SeB:												
Scio	0-7	Silt Loam	CL-ML ML	A-4 A-6	0	0	90-100	85-100	70-100	60-90	20-40	2-12
	7-26	Loamy Very Fine Sand Very Fine Sandy Loam Silt Loam	CL-ML ML	A-4	0	0	90-100	85-100	75-100	60-90	15-25	NP-5
	26-36	Loamy Very Fine Sand Very Fine Sand 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
	36-60	Silt Loam Very Fine Sandy Loam Very Fine Sand	CL-ML ML SC-SM SM	A-2 A-4	0	0	90-100	85-100	50-100	25-90	15-25	NP-5
SeC:												
Scio	0-7	Silt Loam	CL-ML ML	A-4 A-6	0	0	90-100	85-100	70-100	60-90	20-40	2-12
	7-26	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
	26-36	Loamy Very Fine Sand Silt Loam Very Fine Sand	CL-ML ML SC-SM SM	A-2 A-4	0	0	90-100	85-100	65-100	30-90	15-25	NP-5
	36-60	Very Fine Sandy Loam Very Fine Sand Silt Loam	CL-ML ML SC-SM SM	A-2 A-4	0	0	90-100	85-100	50-100	25-90	15-25	NP-5
SeD:												

Engineering Index Properties - Continued

York 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	
SeD:												
Scio	0-7	Silt Loam	CL-ML ML	A-4 A-6	0	0	100	85-100	80-100	70-95	20-40	2-12
	7-26	Very Fine Sandy Loam Silt Loam	CL-ML ML	A-4	0	0	100	85-100	80-100	70-95	15-25	NP-5
	26-36	Silt Loam Very Fine Sandy Loam	CL-ML ML	A-4	0	0	100	85-100	80-100	70-95	15-25	NP-5
	36-60	Very Fine 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
Sg:												
Sebago	0-17	Mucky Peat	PT	A-8	0	0	---	---	---	---	---	---
	17-66	Mucky Peat Peat	PT	A-8	0	0	---	---	---	---	---	---
SkB:												
Skerry	0-5	Fine Sandy Loam	SC SC-SM SM	A-2 A-4	0-1	0-10	80-95	75-90	60-85	30-50	15-30	NP-10
	5-33	Gravelly Fine Sandy Loam Fine Sandy Loam Gravelly Sandy Loam	SC SC-SM SM	A-2 A-4	0-1	5-15	75-95	60-95	50-75	20-45	15-25	NP-10
	33-60	Gravelly Fine Sandy Loam Loamy Sand Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1 A-2	0-1	5-25	60-85	45-75	30-70	10-35	0-14	NP
SkC:												

Engineering Index Properties - Continued

York 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	
SkC:												
Skerry	0-5	Fine Sandy Loam	SC SC-SM SM	A-2 A-4	0-1	0-10	80-95	75-90	60-85	30-50	15-30	NP-10
	5-33	Gravelly Sandy Loam Gravelly Fine Sandy Loam Fine Sandy Loam	SC SC-SM SM	A-2 A-4	0-1	5-15	75-95	60-95	50-75	20-45	15-25	NP-10
	33-60	Gravelly Fine Sandy Loam Loamy Sand Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1 A-2	0-1	5-25	60-85	45-75	30-70	10-35	0-14	NP
SrB:												
Skerry	0-2	Very Stony Fine Sandy	SC SC-SM SM	A-1-b A-2 A-4	1-5	5-25	70-95	60-90	30-85	20-50	15-30	NP-10
	2-33	Gravelly Sandy Loam Fine Sandy Loam Gravelly Fine Sandy Loam	SC SC-SM SM	A-2 A-4	0-1	5-15	75-95	60-95	50-75	20-45	15-25	NP-10
	33-60	Gravelly Fine Sandy Loam Loamy Sand Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1 A-2	0-1	5-25	60-85	45-75	30-70	10-35	0-14	NP
SrC:												
Skerry	0-2	Very Stony Fine Sandy	SC SC-SM SM	A-1-b A-2 A-4	1-5	5-25	70-95	60-90	30-85	20-50	15-30	NP-10
	2-33	Gravelly Fine Sandy Loam Fine Sandy Loam Gravelly Sandy Loam	SC SC-SM SM	A-2 A-4	0-1	5-15	75-95	60-95	50-75	20-45	15-25	NP-10
	33-60	Gravelly Loamy Sand Gravelly Fine Sandy Loam Loamy Sand	GM GP-GM SM SP-SM	A-1 A-2	0-1	5-25	60-85	45-75	30-70	10-35	0-14	NP
Su:												

Engineering Index Properties - Continued

York 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	
Su:												
Sulfihemists	0-18	Mucky Peat	PT	A-8	0	0	---	---	---	---	---	NP
	18-42	Mucky Peat	PT	A-8	0	0	---	---	---	---	---	NP
	42-62	Muck Mucky Peat	PT	A-8	0	0	---	---	---	---	---	NP
Ud:												
Udipsamments	0-65	Fine Sand	SP	A-1 A-3	0	0-2	85-100	50-100	25-90	0-5	0-14	NP
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	Fine Sand Sand	SM SP SP-SM	A-2 A-3	0	0	100	100	50-80	0-25	0-14	NP
Ur:												
Urban Land	0-6	Variable	---	---	---	---	---	---	---	---	0-14	---
UsA:												
Urban Land	0-6	Variable	---	---	---	---	---	---	---	---	0-14	---
Scantic	0-14	Silt Loam	MH ML	A-4 A-5 A-7	0	0	100	95-100	90-100	70-100	36-55	5-20
	14-36	Clay Silt Loam Silty Clay	CL MH	A-4 A-6 A-7	0	0	100	95-100	95-100	85-100	25-55	8-25
	36-60	Silty Clay Silty Clay Loam Clay	CL MH	A-6 A-7	0	0	100	95-100	95-100	90-100	30-60	10-25
Va:												
Vassalboro	0-17	Peat	PT	A-8	0	0	---	---	---	---	0-14	---
	17-77	Peat	PT	A-8	0	0	---	---	---	---	0-14	---
Vp:												
Vassalboro	0-17	Peat	PT	A-8	0	0	---	---	---	---	0-14	---
	17-77	Peat	PT	A-8	0	0	---	---	---	---	0-14	---

Engineering Index Properties - Continued

York 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	
W:												
Water	---				---	---	---	---	---	---	---	---
Wa:												
Waskish	0-65	Peat	PT	A-8	---	---	---	---	---	---	---	---