Table H.--Engineering Index Properties

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

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
AdA:												
Adelphia--------	0-1	Loamy fine sand, fine sandy loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	1-19	Loamy fine sand	CL, ML, SM, SC	A-2-4, A-4	0	0	95-100	95-100	60-95	30-90	15-35	NP-10
	19-22	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	22-35	Sandy clay loam, loam	SC, CL	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	35-47	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	47-71	Sandy clay loam, loam	SC, CL	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	71-80	Sandy clay loam, loam	SC, CL	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
Holmdel---------	0-8	Sandy loam, fine sandy loam, loam, silt loam	SM, SC-SM	A-2	0	0	95-100	95-100	50-90	15-35	15-20	NP-5
	8-16	Sandy loam, sandy clay loam, loam, clay loam	CL-ML, SM, SC-SM, ML	A-4, A-6	0	0	95-100	95-100	65-85	35-65	25-40	5-12
	16-36	Sandy loam, sandy clay loam, loam, clay loam	CL-ML, SM, ML, SC-SM	A-4, A-6	0	0	95-100	95-100	65-85	35-65	25-40	5-12
	36-55	Sandy loam, sandy clay loam, loam, clay loam	ML, SC-SM, SM, CL-ML	A-4, A-6	0	0	95-100	95-100	65-85	35-65	25-40	5-12
	55-72	Loamy fine sand, fine sandy loam, sandy loam	SC-SM, SM	A-2	0	0	95-100	90-100	50-85	15-35	10-20	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
AdB:												
Adelphia--------	0-1	Loamy fine sand, fine sandy loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	1-19	Loamy fine sand	ML, SC, SM, CL	A-2-4, A-4	0	0	95-100	95-100	60-95	30-90	15-35	NP-10
	19-22	Sandy clay loam, loam	SC, CL	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	22-35	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	35-47	Sandy clay loam, loam	CL, SC	A-6, A-4	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	47-71	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	71-80	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
Holmdel---------	0-16	Fine sandy loam	SC-SM, SM	A-2	0	0	95-100	95-100	50-90	15-35	15-20	NP-5
	16-40	Sandy loam, sandy clay loam, loam	ML, SM, SC-SM, CL-ML	A-4, A-6	0	0	95-100	95-100	65-85	35-65	25-40	5-12
	40-60	Stratified sand to sandy loam	SC-SM, SM	A-2	0	0	95-100	90-100	50-85	15-35	10-20	NP-5
AdC:												
Adelphia--------	0-1	Loamy fine sand, fine sandy loam, sandy loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	1-19	Loamy fine sand	SC, SM, ML, CL	A-2-4, A-4	0	0	95-100	95-100	60-95	30-90	15-35	NP-10
	19-22	Sandy clay loam, loam	SC, CL	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	22-35	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	35-47	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	47-71	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	71-80	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Holmdel---------	0-16	Fine sandy loam	SM, SC-SM	A-2	0	0	95-100	95-100	50-90	15-35	15-20	NP-5
	16-40	Sandy loam, sandy clay loam, loam	SM, CL-ML, ML, SC-SM	A-4, A-6	0	0	95-100	95-100	65-85	35-65	25-40	5-12
	40-60	Stratified sand to sandy loam	SC-SM, SM	A-2	0	0	95-100	90-100	50-85	15-35	10-20	NP-5
AeB:												
Adelphia--------	0-1	Loamy fine sand, fine sandy loam, sandy loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	1-19	Loamy fine sand	ML, CL, SC, SM	A-2-4, A-4	0	0	95-100	95-100	60-95	30-90	15-35	NP-10
	19-22	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	22-35	Sandy clay loam, loam	CL, SC	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	35-47	Sandy clay loam, loam	SC, CL	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	47-71	Sandy clay loam, loam	SC, CL	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
	71-80	Sandy clay loam, loam	SC, CL	A-4, A-6	0	0	95-100	95-100	75-95	35-75	27-40	9-18
Holmdel---------	0-16	Fine sandy loam	SM, SC-SM	A-2	0	0	95-100	95-100	50-90	15-35	15-20	NP-5
	16-40	Sandy loam, sandy clay loam, loam	ML, CL-ML, SC-SM, SM	A-4, A-6	0	0	95-100	95-100	65-85	35-65	25-40	5-12
	40-60	Stratified sand to sandy loam	SM, SC-SM	A-2	0	0	95-100	90-100	50-85	15-35	10-20	NP-5
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
AfB:												
Alloway---------	0-6	Silt loam	CL, ML, CL-ML	A-4, A-6	0	0	95-100	85-100	70-95	55-75	16-30	3-11
	6-75	Silty clay loam, clay, silty clay, silt loam	CH, CL	A-6, A-7, A-7-6	0	0	90-100	85-100	70-100	60-100	30-61	11-31

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Sassafras-------	0-15	Fine sandy loam	SC-SM, SM, SC	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	15-37	Loam, sandy clay loam, sandy loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	37-72	Stratified sand to gravelly sandy loam	SP-SM, SC, SC-SM, SM	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	0-26	NP-8
AfC:												
Alloway---------	0-6	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	95-100	85-100	70-95	55-75	16-30	3-11
	6-75	Silty clay loam, clay, silty clay, silt loam	CL, CH	A-6, A-7, A-7-6	0	0	90-100	85-100	70-100	60-100	30-61	11-31
Sassafras-------	0-9	Fine sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	9-40	Loam, sandy clay loam, sandy loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	40-70	Stratified sand to gravelly sandy loam	SC, SC-SM, SM, SP-SM	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	15-26	NP-8
AnB:												
Alloway---------	0-6	Silt loam	ML, CL-ML, CL	A-4, A-6	0	0	95-100	85-100	70-95	55-75	16-30	3-11
	6-75	Silt loam, silty clay, clay, silty clay loam	CL, CH	A-6, A-7, A-7-6	0	0	90-100	85-100	70-100	60-100	30-61	11-31
Sassafras-------	0-15	Fine sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	15-37	Loam, sandy clay loam, sandy loam	SC-SM, CL-ML, CL, SC	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	37-72	Stratified sand to gravelly sandy loam	SC, SC-SM, SP-SM, SM	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	0-26	NP-8
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
AnD:												
Alloway---------	0-6	Silt loam	CL-ML, ML, CL	A-4, A-6	0	0	95-100	85-100	70-95	55-75	16-30	3-11
	6-75	Silty clay loam, clay, silty clay, silt loam	CH, CL	A-6, A-7, A-7-6	0	0	90-100	85-100	70-100	60-100	30-61	11-31

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Sassafras-------	0-9	Fine sandy loam	SM, SC, SC-SM	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	9-40	Loam, sandy clay loam, sandy loam	CL-ML, CL, SC, SC-SM	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	40-70	Stratified sand to gravelly sandy loam	SC, SC-SM, SM, SP-SM	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	15-26	NP-8
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
AoA:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
AoB:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5
AoC:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
AsA:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5
AsB:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
AsC:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5
AsE:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
AsF:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5
AsG:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
AuB:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
AuD:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
CaB:												
Chillum---------	0-8	Silt loam	CL-ML, ML, CL	A-4	0	0	100	100	85-100	60-90	20-30	2-10
	8-28	Silt loam, silty clay loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	70-95	26-44	6-20
	28-72	Very gravelly sandy loam, gravelly sandy loam	GM, GP-GM, SM, SP-SM	A-1, A-2	0	0	25-90	15-75	10-50	5-30	0-14	NP
CaC:												
Chillum---------	0-8	Silt loam	CL-ML, CL, ML	A-4	0	0	100	100	85-100	60-90	20-30	2-10
	8-28	Silt loam, silty clay loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	70-95	26-44	6-20
	28-72	Very gravelly sandy loam, gravelly sandy loam	GP-GM, GM, SM, SP-SM	A-1, A-2	0	0	25-90	15-75	10-50	5-30	0-14	NP
CbB:												
Chillum---------	0-8	Silt loam	CL-ML, CL, ML	A-4	0	0	100	100	85-100	60-90	20-30	2-10
	8-28	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6, A-7	0	0	100	100	90-100	70-95	26-44	6-20
	28-72	Very gravelly sandy loam, gravelly sandy loam	SP-SM, SM, GP-GM, GM	A-1, A-2	0	0	25-90	15-75	10-50	5-30	0-14	NP
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
CHA:												
Codorus---------	0-18	Silt loam	CL-ML, CL, ML	A-4, A-6	0	0	80-100	70-100	65-100	55-95	22-35	2-12
	18-54	Silt loam, loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	80-100	75-100	65-100	55-85	22-35	2-12
	54-60	Stratified sand to silt, gravelly sand, gravelly silt loam	GM, ML, SM	A-1, A-2, A-4	0	0	25-100	20-100	20-85	15-65	15-35	NP-7

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Hatboro---------	0-9	Silt loam	SM, CL, ML, SC	A-4, A-6	0	0	95-100	90-100	70-100	40-90	22-35	2-12
	9-44	Silt loam, silty clay loam, sandy clay loam	ML, CL, CL-ML	A-4, A-6	0	0	85-100	80-100	70-95	55-85	22-35	2-12
	44-56	Sandy clay loam, sandy loam, silt loam	CL, ML, SC, SM	A-4	0	0	75-100	70-100	60-90	45-60	22-30	2-10
	56-70	Stratified gravelly sand to clay	GM, GC, SM, SC	A-1, A-2	0	0	50-85	45-80	45-80	15-35	15-32	NP-14
CkA:												
Colemantown-----	0-10	Sandy loam	ML	A-6, A-7	0	0	100	98-100	60-95	30-75	---	---
	10-30	Sandy clay, clay, clay loam	SM, MH, ML	A-7	0	0	100	98-100	80-95	45-90	45-55	15-25
	30-60	Loam, clay loam, sandy loam	SM, CL, ML, SC	A-2, A-4, A-6, A-7	0	0	95-100	95-100	60-95	30-80	30-45	5-20
CmA:												
Colemantown-----	0-16	Silt loam	ML	A-6, A-7	0	0	100	98-100	60-95	30-75	---	---
	16-34	Sandy clay, clay loam	MH, ML, SM	A-7	0	0	100	98-100	80-95	45-90	45-55	15-25
	34-60	Clay loam, sandy loam	CL, SC, SM, ML	A-2, A-4, A-6, A-7	0	0	95-100	95-100	60-95	30-80	30-45	5-20
CnB:												
Colemantown-----	0-10	Fine sandy loam	ML	A-6, A-7	0	0	100	98-100	60-95	30-75	---	---
	10-30	Sandy clay, clay, clay loam	SM, MH, ML	A-7	0	0	100	98-100	80-95	45-90	45-55	15-25
	30-60	Loam, clay loam, sandy loam	SM, CL, ML, SC	A-2, A-4, A-6, A-7	0	0	95-100	95-100	60-95	30-80	30-45	5-20
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
CoA:												
Collington------	0-13	Fine sandy loam	SC, CL	A-2-4	0	0	95-100	95-100	60-95	30-85	20-30	5-10
	13-32	Fine sandy loam, sandy clay loam, sandy loam, clay loam	CL-ML, SC, CL	A-4, A-6	0	0	95-100	95-100	75-100	35-70	20-35	5-15
	32-60	Stratified fine sand to fine sandy loam	SM, SC-SM, SC	A-2-4, A-4	0	0	95-100	95-100	50-70	10-40	15-30	NP-10
Wist----------	0-13	Fine sandy loam, loamy fine sand, loam, sandy loam	ML, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	15-65	5-25	NP-5
	13-51	Sandy clay loam, clay loam, fine sandy loam, loam	CL-ML, CL	A-6	0	0	95-100	95-100	35-99	35-75	15-40	5-15
	51-82	Fine sandy loam, sandy loam, loamy sand, coarse sandy loam, sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	10-55	5-25	NP-5
CoB:												
Collington------	0-13	Fine sandy loam	CL, SC	A-2-4, A-4	0	0	95-100	95-100	60-95	30-85	20-30	5-10
	13-32	Fine sandy loam, sandy clay loam, sandy loam, clay loam	SC, CL-ML, CL	A-6, A-4	0	0	95-100	95-100	75-100	35-70	20-35	5-15
	32-60	Stratified fine sand to fine sandy loam	SC, SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-70	10-40	15-30	NP-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Wist----------	0-13	Fine sandy loam, loamy fine sand, loam, sandy loam	ML, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	15-65	5-25	NP-5
	13-51	Sandy clay loam, clay loam, fine sandy loam, loam	CL-ML, CL	A-6	0	0	95-100	95-100	35-99	35-75	15-40	5-15
	51-82	Fine sandy loam, sandy loam, loamy sand, coarse sandy loam, sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	10-55	5-25	NP-5
CoC:												
Collington------	0-13	Fine sandy loam	SC, CL	A-2-4, A-4	0	0	95-100	95-100	60-95	30-85	20-30	5-10
	13-32	Fine sandy loam, sandy clay loam, sandy loam, clay loam	SC, CL-ML, CL	A-4, A-6	0	0	95-100	95-100	75-100	35-70	20-35	5-15
	32-60	Stratified fine sand to fine sandy loam	SC-SM, SM, SC	A-2-4, A-4	0	0	95-100	95-100	50-70	10-40	15-30	NP-10
Wist----------	0-13	Fine sandy loam, loamy fine sand, loam, sandy loam	ML, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	15-65	5-25	NP-5
	13-51	Sandy clay loam, clay loam, fine sandy loam, loam	CL-ML, CL	A-6	0	0	95-100	95-100	35-99	35-75	15-40	5-15
	51-82	Fine sandy loam, sandy loam, loamy sand, coarse sandy loam, sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	10-55	5-25	NP-5
CpB:												
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Collington------	0-13	Fine sandy loam	CL, SC	A-2-4, A-4	0	0	95-100	95-100	60-95	30-85	20-30	5-10
	13-32	Fine sandy loam, sandy clay loam, sandy loam, clay loam	CL, CL-ML, SC	A-4, A-6	0	0	95-100	95-100	75-100	35-70	20-35	5-15
	32-60	Stratified fine sand to fine sandy loam	SC, SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-70	10-40	15-30	NP-10
Wist----------	0-13	Fine sandy loam, loamy fine sand, loam, sandy loam	ML, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	15-65	5-25	NP-5
	13-51	Sandy clay loam, clay loam, fine sandy loam, loam	CL-ML, CL	A-6	0	0	95-100	95-100	35-99	35-75	15-40	5-15
	51-82	Fine sandy loam, sandy loam, loamy sand, coarse sandy loam, sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	10-55	5-25	NP-5
CpD:												
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Collington------	0-13	Fine sandy loam	CL, SC	A-2-4, A-4	0	0	95-100	95-100	60-95	30-85	20-30	5-10
	13-32	Fine sandy loam, sandy clay loam, sandy loam, clay loam	CL, CL-ML, SC	A-4, A-6	0	0	95-100	95-100	75-100	35-70	20-35	5-15
	32-60	Stratified fine sand to fine sandy loam	SC, SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-70	10-40	15-30	NP-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Wist----------	0-13	Fine sandy loam, loamy fine sand, loam, sandy loam	ML, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	15-65	5-25	NP-5
	13-51	Sandy clay loam, clay loam, fine sandy loam, loam	CL-ML, CL	A-6	0	0	95-100	95-100	35-99	35-75	15-40	5-15
	51-82	Fine sandy loam, sandy loam, loamy sand, coarse sandy loam, sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	10-55	5-25	NP-5
CRD:												
Collington------	0-13	Fine sandy loam	SC, CL	A-2-4, A-4	0	0	95-100	95-100	60-95	30-85	20-30	5-10
	13-32	Fine sandy loam, sandy clay loam, sandy loam, clay loam	CL, SC, CL-ML	A-4, A-6	0	0	95-100	95-100	75-100	35-70	20-35	5-15
	32-60	Stratified fine sand to fine sandy loam	SM, SC, SC-SM	A-2-4, A-4	0	0	95-100	95-100	50-70	10-40	15-30	NP-10
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
CSE:												
Collington------	0-13	Fine sandy loam	CL, SC	A-2-4, A-4	0	0	95-100	95-100	60-95	30-85	20-30	5-10
	13-32	Fine sandy loam, sandy clay loam, sandy loam, clay loam	CL, CL-ML, SC	A-4, A-6	0	0	95-100	95-100	75-100	35-70	20-35	5-15
	32-60	Stratified fine sand to fine sandy loam	SC-SM, SM, SC	A-2-4, A-4	0	0	95-100	95-100	50-70	10-40	15-30	NP-10
Westphalia------	0-10	Fine sandy loam	SC, ML, CL, SM	A-4, A-6	0	0	100	95-100	75-95	45-65	26-34	3-11
	10-28	Fine sandy loam, very fine sandy loam, loamy fine sand	ML, SC, SM, CL	A-4, A-6	0	0	100	95-100	75-100	45-80	15-38	NP-16
	28-72	Fine sand, loamy fine sand	SM, SC, ML, CL	A-2, A-4, A-6	0	0	100	95-100	70-100	30-55	15-35	NP-14
Wist----------	0-13	Fine sandy loam, loamy fine sand, loam, sandy loam	ML, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	15-65	5-25	NP-5
	13-51	Sandy clay loam, clay loam, fine sandy loam, loam	CL-ML, CL	A-6	0	0	95-100	95-100	35-99	35-75	15-40	5-15
	51-82	Fine sandy loam, sandy loam, loamy sand, coarse sandy loam, sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	10-55	5-25	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
CSF:												
Collington------	0-13	Fine sandy loam	CL, SC	A-2-4, A-4	0	0	95-100	95-100	60-95	30-85	20-30	5-10
	13-32	Fine sandy loam, sandy clay loam, sandy loam, clay loam	CL, CL-ML, SC	A-4, A-6	0	0	95-100	95-100	75-100	35-70	20-35	5-15
	32-60	Stratified fine sand to fine sandy loam	SC-SM, SC, SM	A-2-4, A-4	0	0	95-100	95-100	50-70	10-40	15-30	NP-10
Westphalia------	0-10	Fine sandy loam	CL, ML, SC, SM	A-4, A-6	0	0	100	95-100	75-95	45-65	26-34	3-11
	10-28	Fine sandy loam, very fine sandy loam, loamy fine sand	CL, ML, SM, SC	A-4, A-6	0	0	100	95-100	75-100	45-80	15-38	NP-16
	28-72	Fine sand, loamy fine sand	ML, CL, SM, SC	A-2, A-4, A-6	0	0	100	95-100	70-100	30-55	15-35	NP-14
Wist----------	0-13	Fine sandy loam, loamy fine sand, loam, sandy loam	ML, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	15-65	5-25	NP-5
	13-51	Sandy clay loam, clay loam, fine sandy loam, loam	CL-ML, CL	A-6	0	0	95-100	95-100	35-99	35-75	15-40	5-15
	51-82	Fine sandy loam, sandy loam, loamy sand, coarse sandy loam, sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	10-55	5-25	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
CSG:												
Collington------	0-13	Fine sandy loam	SC, CL	A-2-4, A-4	0	0	95-100	95-100	60-95	30-85	20-30	5-10
	13-32	Fine sandy loam, sandy clay loam, sandy loam, clay loam	SC, CL-ML, CL	A-4, A-6	0	0	95-100	95-100	75-100	35-70	20-35	5-15
	32-60	Stratified fine sand to fine sandy loam	SM, SC-SM, SC	A-2-4, A-4	0	0	95-100	95-100	50-70	10-40	15-30	NP-10
Westphalia------	0-10	Fine sandy loam	CL, ML, SC, SM	A-4, A-6	0	0	100	95-100	75-95	45-65	26-34	3-11
	10-28	Fine sandy loam, very fine sandy loam, loamy fine sand	CL, ML, SC, SM	A-4, A-6	0	0	100	95-100	75-100	45-80	15-38	NP-16
	28-72	Fine sand, loamy fine sand	CL, ML, SC, SM	A-2, A-4, A-6	0	0	100	95-100	70-100	30-55	15-35	NP-14
Wist----------	0-13	Fine sandy loam, loamy fine sand, loam, sandy loam	ML, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	15-65	5-25	NP-5
	13-51	Sandy clay loam, clay loam, fine sandy loam, loam	CL-ML, CL	A-6	0	0	95-100	95-100	35-99	35-75	15-40	5-15
	51-82	Fine sandy loam, sandy loam, loamy sand, coarse sandy loam, sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	50-99	10-55	5-25	NP-5
CTA:												
Comus----------	0-30	Silt loam	SM, SC, ML, CL	A-2, A-4, A-6	---	0-5	85-100	80-100	55-100	30-90	30-40	6-15
	30-60	Stratified gravelly sandy loam to silty clay loam	SM, ML, GM, CL	A-1, A-2, A-4, A-6	---	0-20	55-100	45-100	25-100	15-95	15-40	NP-20

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Codorus---------	0-18	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	80-100	70-100	65-100	55-95	22-35	2-12
	18-54	Silt loam, loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	80-100	75-100	65-100	55-85	22-35	2-12
	54-60	Stratified sand to silt, gravelly sand, gravelly silt loam	GM, ML, SM	A-1, A-2, A-4	0	0	25-100	20-100	20-85	15-65	15-35	NP-7
CxA:												
Cumberstone-----	0-9	Silt loam, silty clay loam	CL, CL-ML	A-4	0	0	100	100	90-100	70-95	20-30	5-10
	9-23	Silty clay loam, silt loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	23-33	Silt loam, silty clay loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	33-54	Clay loam, sandy clay loam, silty clay, silty clay loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	54-62	Clay, clay loam, sandy clay loam, sandy clay	CL, ML, MH	A-6, A-7	0	0	98-100	95-100	75-95	40-90	30-55	10-25
	62-80	Sandy clay, sandy clay loam, loam, sandy loam	CL	A-6, A-7	0	0	98-100	95-100	60-90	25-75	15-45	5-20
Mattapex--------	0-12	Silt loam	CL-ML, CL	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-37	Silty clay loam, silt loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	37-72	Fine sandy loam, loam, loamy sand	SM, SC, ML, CL	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
CxB:												
Cumberstone-----	0-9	Silt loam, silty clay loam	CL, CL-ML	A-4	0	0	100	100	90-100	70-95	20-30	5-10
	9-23	Silty clay loam, silt loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	23-33	Silt loam, silty clay loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	33-54	Clay loam, sandy clay loam, silty clay, silty clay loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	54-62	Clay, clay loam, sandy clay loam, sandy clay	CL, ML, MH	A-6, A-7	0	0	98-100	95-100	75-95	40-90	30-55	10-25
	62-80	Sandy clay, sandy clay loam, loam, sandy loam	CL	A-6, A-7	0	0	98-100	95-100	60-90	25-75	15-45	5-20
Mattapex--------	0-12	Silt loam	CL, CL-ML	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-37	Silty clay loam, silt loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	37-72	Fine sandy loam, loam, loamy sand	SM, CL, ML, SC	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
CxC:												
Cumberstone-----	0-9	Silt loam, silty clay loam	CL, CL-ML	A-4	0	0	100	100	90-100	70-95	20-30	5-10
	9-23	Silty clay loam, silt loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	23-33	Silt loam, silty clay loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	33-54	Clay loam, sandy clay loam, silty clay, silty clay loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	54-62	Clay, clay loam, sandy clay loam, sandy clay	CL, ML, MH	A-6, A-7	0	0	98-100	95-100	75-95	40-90	30-55	10-25
	62-80	Sandy clay, sandy clay loam, loam, sandy loam	CL	A-6, A-7	0	0	98-100	95-100	60-90	25-75	15-45	5-20
Mattapex--------	0-12	Silt loam	CL-ML, CL	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-37	Silty clay loam, silt loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	37-72	Fine sandy loam, loam, loamy sand	CL, ML, SC, SM	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
CyB:												
Cumberstone-----	0-9	Silt loam, silty clay loam	CL, CL-ML	A-4	0	0	100	100	90-100	70-95	20-30	5-10
	9-23	Silty clay loam, silt loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	23-33	Silt loam, silty clay loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	33-54	Clay loam, sandy clay loam, silty clay, silty clay loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	54-62	Clay, clay loam, sandy clay loam, sandy clay	CL, ML, MH	A-6, A-7	0	0	98-100	95-100	75-95	40-90	30-55	10-25
	62-80	Sandy clay, sandy clay loam, loam, sandy loam	CL	A-6, A-7	0	0	98-100	95-100	60-90	25-75	15-45	5-20
Mattapex--------	0-12	Silt loam	CL, CL-ML	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-37	Silty clay loam, silt loam	CL, CL-ML	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	37-72	Fine sandy loam, loam, loamy sand	SM, SC, ML, CL	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
CyD:												
Cumberstone-----	0-9	Silt loam, silty clay loam	CL, CL-ML	A-4	0	0	100	100	90-100	70-95	20-30	5-10
	9-23	Silty clay loam, silt loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	23-33	Silt loam, silty clay loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	33-54	Clay loam, sandy clay loam, silty clay, silty clay loam	CL	A-6	0	0	100	100	90-100	70-95	25-35	10-20
	54-62	Clay, clay loam, sandy clay loam, sandy clay	CL, ML, MH	A-6, A-7	0	0	98-100	95-100	75-95	40-90	30-55	10-25
	62-80	Sandy clay, sandy clay loam, loam, sandy loam	CL	A-6, A-7	0	0	98-100	95-100	60-90	25-75	15-45	5-20
Mattapex--------	0-12	Silt loam	CL, CL-ML	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-37	Silty clay loam, silt loam	CL, CL-ML	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	37-72	Fine sandy loam, loam, loamy sand	SM, SC, ML, CL	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
DcA:												
Deale----------	0-8	Silt loam	CL, CL-ML	A-4, A-6	0	0	95-100	95-100	90-100	75-90	20-35	5-15
	8-32	Silty clay loam, silt loam	CL	A-6, A-7	0	0	95-100	95-100	90-100	75-95	25-45	10-25
	32-50	Silty clay loam, fine sandy loam, loam, silt loam, sandy loam	CL, CL-ML	A-6, A-4	0	0	95-100	95-100	90-100	40-95	25-40	5-20
	50-72	Silty clay loam, silty clay, clay loam, clay	CL, CH	A-7-6, A-6	0	0	95-100	95-100	90-100	70-95	35-65	15-40
Shadyoak--------	0-9	Silt loam	CL-ML, ML	A-4, A-6	0	0	100	100	90-100	50-95	25-45	5-15
	9-29	Silt loam, silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	29-58	Loam, silty clay loam, sandy clay loam, clay loam, silt loam	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	30-55	10-35
	58-80	Sandy loam, fine sandy loam, sandy clay loam, silt loam	CL, ML, SC	A-4	0	0	100	95-100	85-95	45-75	20-30	NP-10
DeA:												
Deale----------	0-8	Silt loam	CL, CL-ML	A-4, A-6	0	0	95-100	95-100	90-100	75-90	20-35	5-15
	8-32	Silty clay loam, silt loam	CL	A-6, A-7	0	0	95-100	95-100	90-100	75-95	25-45	10-25
	32-50	Silty clay loam, fine sandy loam, loam, silt loam, sandy loam	CL, CL-ML	A-6, A-4	0	0	95-100	95-100	90-100	40-95	25-40	5-20
	50-72	Silty clay loam, silty clay, clay loam, clay	CL, CH	A-7-6, A-6	0	0	95-100	95-100	90-100	70-95	35-65	15-40

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Shadyoak--------	0-9	Silt loam	CL-ML, ML	A-4, A-6	0	0	100	100	90-100	50-95	25-45	5-15
	9-29	Silt loam, silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	29-58	Loam, silty clay loam, sandy clay loam, clay loam, silt loam	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	30-55	10-35
	58-80	Sandy loam, fine sandy loam, sandy clay loam, silt loam	CL, ML, SC	A-4	0	0	100	95-100	85-95	45-75	20-30	NP-10
DfA:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
DfB:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
DfC:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
DnA:												
Donlonton-------	0-12	Fine sandy loam	ML, SM	A-4	0	0	100	100	70-95	40-75	15-22	NP
	12-50	Sandy clay, sandy clay loam	CL, SC, CH	A-6, A-7	0	0	100	100	80-95	45-60	38-56	17-32
	50-60	Fine sandy loam, sandy clay loam, clay loam	CL, ML, SC, SM	A-4, A-6, A-7	0	0	100	100	70-100	35-80	32-47	6-21
DnB:												
Donlonton-------	0-12	Fine sandy loam	ML, SM	A-4	0	0	100	100	70-95	40-75	15-22	NP
	12-50	Sandy clay, sandy clay loam	CH, CL, SC	A-6, A-7	0	0	100	100	80-95	45-60	38-56	17-32
	50-60	Fine sandy loam, sandy clay loam, clay loam	SM, CL, ML, SC	A-4, A-6, A-7	0	0	100	100	70-100	35-80	32-47	6-21
DuB:												
Donlonton-------	0-12	Fine sandy loam	ML, SM	A-4	0	0	100	100	70-95	40-75	15-22	NP
	12-50	Sandy clay, sandy clay loam	CL, SC, CH	A-6, A-7	0	0	100	100	80-95	45-60	38-56	17-32
	50-60	Fine sandy loam, sandy clay loam, clay loam	CL, ML, SC, SM	A-4, A-6, A-7	0	0	100	100	70-100	35-80	32-47	6-21
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
DvB:												
Downer----------	0-6	Sandy loam	SC-SM, SM	A-2, A-4	0	0	80-100	75-100	50-70	25-45	15-20	NP-4
	6-30	Sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	80-100	75-100	45-70	25-40	15-25	NP-8
	30-38	Stratified very gravelly loamy sand to sandy loam	GP-GM, GM, SM, SP-SM	A-2, A-3, A-1	0	0	45-100	35-100	20-70	5-15	10-15	NP-4
	38-72	Stratified gravelly sand to loamy sand	SP-SM, SM, SC-SM, SC	A-1, A-2, A-3, A-4	0	0	75-100	70-100	35-90	5-55	10-30	NP-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
Hammonton-------	0-11	Sandy loam	SM, SC-SM	A-2, A-4	0	0	90-100	85-100	50-70	25-40	15-20	NP-4
	11-24	Sandy loam, gravelly sandy loam	SC-SM, SC	A-1, A-2, A-4	0	0	80-100	70-100	40-90	20-40	20-25	4-8
	24-72	Stratified loamy sand to sandy loam to sandy clay loam	SM, SC-SM, GM	A-1, A-2, A-4	0	0	75-100	70-100	40-80	20-50	10-30	NP-10
DvC:												
Downer----------	0-5	Sandy loam	SM, SC-SM	A-2, A-4	0	0	80-100	75-100	50-70	25-45	15-20	NP-4
	5-28	Sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	80-100	75-100	45-70	25-40	15-25	NP-8
	28-40	Stratified very gravelly loamy sand to sandy loam	GM, GP-GM, SM, SP-SM	A-1, A-2, A-3	0	0	45-100	35-100	20-70	5-15	10-15	NP-4
	40-72	Stratified gravelly sand to loamy sand	SP-SM, SM, SC-SM, SC	A-1, A-2, A-3, A-4	0	0	75-100	70-100	35-90	5-55	10-30	NP-10
Hammonton-------	0-11	Sandy loam	SM, SC-SM	A-2, A-4	0	0	90-100	85-100	50-70	25-40	15-20	NP-4
	11-24	Sandy loam, gravelly sandy loam	SC, SC-SM	A-1, A-2, A-4	0	0	80-100	70-100	40-90	20-40	20-25	4-8
	24-72	Stratified loamy sand to sandy loam to sandy clay loam	SM, SC-SM, GM	A-1, A-2, A-4	0	0	75-100	70-100	40-80	20-50	10-30	NP-10
DvD:												
Downer----------	0-12	Sandy loam	SC-SM, SM	A-2, A-4	0	0	80-100	75-100	50-70	25-45	15-20	NP-4
	12-24	Sandy loam	SC, SM, SC-SM	A-2, A-4	0	0	80-100	75-100	45-70	25-40	15-25	NP-8
	24-54	Stratified very gravelly loamy sand to sandy loam	SP-SM, SM, GM, GP-GM	A-1, A-2, A-3	0	0	45-100	35-100	20-70	5-15	10-15	NP-4
	54-72	Stratified gravelly sand to loamy sand	SC, SC-SM, SM, SP-SM	A-1, A-2, A-3, A-4	0	0	75-100	70-100	35-90	5-55	10-30	NP-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
Hammonton-------	0-11	Sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	50-70	25-40	15-20	NP-4
	11-24	Sandy loam, gravelly sandy loam	SC, SC-SM	A-1, A-2, A-4	0	0	80-100	70-100	40-90	20-40	20-25	4-8
	24-72	Stratified loamy sand to sandy loam to sandy clay loam	SM, SC-SM, GM	A-1, A-2, A-4	0	0	75-100	70-100	40-80	20-50	10-30	NP-10
DwB:												
Downer----------	0-6	Sandy loam	SC-SM, SM	A-2, A-4	0	0	80-100	75-100	50-70	25-45	15-20	NP-4
	6-30	Sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	80-100	75-100	45-70	25-40	15-25	NP-8
	30-38	Stratified very gravelly loamy sand to sandy loam	GM, GP-GM, SM, SP-SM	A-1, A-2, A-3	0	0	45-100	35-100	20-70	5-15	10-15	NP-4
	38-72	Stratified gravelly sand to loamy sand	SP-SM, SM, SC-SM, SC	A-1, A-2, A-3, A-4	0	0	75-100	70-100	35-90	5-55	10-30	NP-10
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Hammonton-------	0-11	Sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	50-70	25-40	15-20	NP-4
	11-24	Sandy loam, gravelly sandy loam	SC, SC-SM	A-1, A-2, A-4	0	0	80-100	70-100	40-90	20-40	20-25	4-8
	24-72	Stratified loamy sand to sandy loam to sandy clay loam	SM, SC-SM, GM	A-1, A-2, A-4	0	0	75-100	70-100	40-80	20-50	10-30	NP-10
DwD:												
Downer----------	0-5	Sandy loam	SM, SC-SM	A-2, A-4	0	0	80-100	75-100	50-70	25-45	15-20	NP-4
	5-28	Sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	80-100	75-100	45-70	25-40	15-25	NP-8
	28-40	Stratified very gravelly loamy sand to sandy loam	GM, GP-GM, SM, SP-SM	A-1, A-2, A-3	0	0	45-100	35-100	20-70	5-15	10-15	NP-4
	40-72	Stratified gravelly sand to loamy sand	SP-SM, SM, SC, SC-SM	A-1, A-2, A-3, A-4	0	0	75-100	70-100	35-90	5-55	10-30	NP-10
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Hammonton-------	0-11	Sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	50-70	25-40	15-20	NP-4
	11-24	Sandy loam, gravelly sandy loam	SC, SC-SM	A-4, A-1, A-2	0	0	80-100	70-100	40-90	20-40	20-25	4-8
	24-72	Stratified loamy sand to sandy loam to sandy clay loam	GM, SC-SM, SM	A-1, A-2, A-4	0	0	75-100	70-100	40-80	20-50	10-30	NP-10
DxB:												
Downer----------	0-6	Sandy loam	SM, SC-SM	A-2, A-4	0	0	80-100	75-100	50-70	25-45	15-20	NP-4
	6-30	Sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	80-100	75-100	45-70	25-40	15-25	NP-8
	30-38	Stratified very gravelly loamy sand to sandy loam	GM, GP-GM, SM, SP-SM	A-1, A-2, A-3	0	0	45-100	35-100	20-70	5-15	10-15	NP-4
	38-72	Stratified gravelly sand to loamy sand	SM, SC-SM, SP-SM, SC	A-1, A-2, A-3, A-4	0	0	75-100	70-100	35-90	5-55	10-30	NP-10
Phalanx---------	0-2	Loamy sand	SM, SP-SM	A-1-b, A-2-4, A-3	0	0	90-100	85-95	40-70	5-15	15-19	NP-3
	2-6	Loamy sand	SM, SP-SM	A-1-b, A-2-4, A-3	0	0	90-100	85-95	40-70	5-15	15-19	NP-3
	6-12	Sandy loam, loamy sand, channery sandy loam	SC, SM, SP-SM	A-1-b, A-2-4	---	0-15	80-95	80-95	35-70	10-40	15-25	NP-10
	12-40	Sandy loam, loamy sand, channery sandy loam	SP-SM, SC, SM	A-1-b, A-2-4	---	0-15	80-95	80-95	35-70	10-40	15-25	NP-10
	40-46	Flaggy loamy sand, channery sandy loam, sandy clay loam	SC, SM, SP-SM	A-1-b, A-2-4, A-4, A-6	---	5-30	40-85	15-70	15-70	10-40	15-30	NP-12
	46-60	Sand, loamy sand, flaggy sand	SM, GP-GM, GM, SP	A-1-b, A-2-4, A-3	---	0-30	35-100	20-100	15-75	2-25	15-20	NP-2

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
DxC:												
Downer----------	0-5	Sandy loam	SC-SM, SM	A-2, A-4	0	0	80-100	75-100	50-70	25-45	15-20	NP-4
	5-28	Sandy loam	SC-SM, SM, SC	A-2, A-4	0	0	80-100	75-100	45-70	25-40	15-25	NP-8
	28-40	Stratified very gravelly loamy sand to sandy loam	SM, GM, GP-GM, SP-SM	A-1, A-2, A-3	0	0	45-100	35-100	20-70	5-15	10-15	NP-4
	40-72	Stratified gravelly sand to loamy sand	SM, SC-SM, SP-SM, SC	A-1, A-2, A-3, A-4	0	0	75-100	70-100	35-90	5-55	10-30	NP-10
Phalanx---------	0-2	Loamy sand	SP-SM, SM	A-1-b, A-2-4, A-3	0	0	90-100	85-95	40-70	5-15	15-19	NP-3
	2-6	Loamy sand	SP-SM, SM	A-1-b, A-2-4, A-3	0	0	90-100	85-95	40-70	5-15	15-19	NP-3
	6-12	Sandy loam, loamy sand, channery sandy loam	SM, SP-SM, SC	A-1-b, A-2-4	---	0-15	80-95	80-95	35-70	10-40	15-25	NP-10
	12-40	Sandy loam, loamy sand, channery sandy loam	SP-SM, SM, SC	A-1-b, A-2-4	---	0-15	80-95	80-95	35-70	10-40	15-25	NP-10
	40-46	Flaggy loamy sand, channery sandy loam, sandy clay loam	SC, SP-SM, SM	A-1-b, A-2-4, A-4, A-6	---	5-30	40-85	15-70	15-70	10-40	15-30	NP-12
	46-60	Sand, loamy sand, flaggy sand	SP, SM, GP-GM, GM	A-1-b, A-2-4, A-3	---	0-30	35-100	20-100	15-75	2-25	15-20	NP-2
DxD:												
Downer----------	0-12	Sandy loam	SM, SC-SM	A-2, A-4	0	0	80-100	75-100	50-70	25-45	15-20	NP-4
	12-24	Sandy loam	SC-SM, SC, SM	A-2, A-4	0	0	80-100	75-100	45-70	25-40	15-25	NP-8
	24-54	Stratified very gravelly loamy sand to sandy loam	GM, GP-GM, SM, SP-SM	A-1, A-2, A-3	0	0	45-100	35-100	20-70	5-15	10-15	NP-4
	54-72	Stratified gravelly sand to loamy sand	SC-SM, SM, SC, SP-SM	A-1, A-2, A-3, A-4	0	0	75-100	70-100	35-90	5-55	10-30	NP-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
Phalanx---------	0-17	Loamy sand	SP-SM, SM	A-1-b, A-2-4, A-3	0	0	90-100	85-95	40-70	5-15	15-19	NP-3
	17-38	Sandy loam, loamy sand, channery sandy loam	SC, SM, SP-SM	A-1-b, A-2-4	---	0-15	80-95	80-95	35-70	10-40	15-25	NP-10
	38-60	Sand, loamy sand, flaggy sand	SP, SM, GP-GM, GM	A-1-b, A-2-4, A-3	---	0-30	35-100	20-100	15-75	2-25	15-20	NP-2
EuB:												
Evesboro--------	0-10	Loamy sand	SC-SM, SM	A-1, A-2	0	0	90-100	85-100	40-80	15-30	15-20	NP-5
	10-72	Stratified sand to sandy loam	SC-SM, SM	A-1, A-2, A-3	0	0	75-100	65-100	35-90	5-35	10-15	NP-5
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Galestown-------	0-29	Loamy sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	75-100	45-70	4-20	0-14	NP
	29-52	Loamy sand, sand, loamy fine sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	95-100	45-75	4-20	0-14	NP
	52-72	Sand, loamy sand, gravelly sand	SP, SP-SM	A-1, A-2, A-3	0	0	75-100	55-100	30-75	4-10	0-14	NP
EuD:												
Evesboro--------	0-10	Loamy sand	SM, SC-SM	A-1, A-2	0	0	90-100	85-100	40-80	15-30	15-20	NP-5
	10-72	Stratified sand to sandy loam	SM, SC-SM	A-1, A-2, A-3	0	0	75-100	65-100	35-90	5-35	10-15	NP-5
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Galestown-------	0-29	Loamy sand	SP-SM, SM	A-1, A-2, A-3	0	0	95-100	75-100	45-70	4-20	0-14	NP
	29-52	Loamy sand, sand, loamy fine sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	95-100	45-75	4-20	0-14	NP
	52-72	Sand, loamy sand, gravelly sand	SP, SP-SM	A-1, A-2, A-3	0	0	75-100	55-100	30-75	4-10	0-14	NP
EuE:												
Evesboro--------	0-10	Loamy sand	SC-SM, SM	A-1, A-2	0	0	90-100	85-100	40-80	15-30	15-20	NP-5
	10-72	Stratified sand to sandy loam	SC-SM, SM	A-1, A-2, A-3	0	0	75-100	65-100	35-90	5-35	10-15	NP-5
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Galestown-------	0-29	Loamy sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	75-100	45-70	4-20	0-14	NP
	29-52	Loamy sand, sand, loamy fine sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	95-100	45-75	4-20	0-14	NP
	52-72	Sand, loamy sand, gravelly sand	SP, SP-SM	A-1, A-2, A-3	0	0	75-100	55-100	30-75	4-10	0-14	NP
EVC:												
Evesboro--------	0-4	Sand	SP-SM, SP	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	10-15	NP-3
	4-34	Sand, loamy sand	SP-SM, SP	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	10-15	NP-3
	34-72	Stratified sand to sandy loam	SC-SM, SM, SP, SP-SM	A-1, A-2, A-3	0	0	75-100	65-100	35-95	0-35	10-15	NP-5
Galestown-------	0-22	Loamy sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	75-100	45-70	4-20	0-14	NP
	22-41	Loamy sand, sand, loamy fine sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	95-100	45-75	4-20	0-14	NP
	41-72	Sand, loamy sand, gravelly sand	SP-SM, SP	A-1, A-2, A-3	0	0	75-100	55-100	30-75	4-10	0-14	NP
FaA:												
Fallsington-----	0-7	Sandy loam	SM, SC-SM, ML, CL-ML	A-2, A-4	0	0	95-100	90-100	65-90	30-60	15-19	NP-5
	7-30	Sandy loam, loam, sandy clay loam	SM, SC, ML, CL	A-2, A-4, A-6	0	0	95-100	90-100	65-85	30-55	15-30	NP-15
	30-72	Stratified sand to sandy clay loam	CL-ML, SP-SM, CL, SM	A-2, A-3, A-4	0	0	95-100	90-100	50-85	5-55	15-30	NP-15
FrA:												
Fallsington-----	0-7	Sandy loam	CL-ML, SM, SC-SM, ML	A-2, A-4	0	0	95-100	90-100	65-90	30-60	15-19	NP-5
	7-30	Sandy loam, loam, sandy clay loam	CL, ML, SC, SM	A-2, A-4, A-6	0	0	95-100	90-100	65-85	30-55	15-30	NP-15
	30-72	Stratified sand to sandy clay loam	SP-SM, SM, CL-ML, CL	A-3, A-4, A-2	0	0	95-100	90-100	50-85	5-55	15-30	NP-15
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
GaB:												
Galestown-------	0-29	Loamy sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	75-100	45-70	4-20	0-14	NP
	29-52	Loamy sand, sand, loamy fine sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	95-100	45-75	4-20	0-14	NP
	52-72	Sand, loamy sand, gravelly sand	SP-SM, SP	A-3, A-1, A-2	0	0	75-100	55-100	30-75	4-10	0-14	NP
HmB:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5
Howell----------	0-5	Loam, silt loam, clay loam	ML, SM	A-4	0	0	100	95-100	60-100	40-90	30-40	NP-2
	5-17	Clay	ML	A-6	0	0	100	95-100	75-100	50-90	35-50	10-17
	17-27	Clay, silty clay loam, silty clay	ML, MH, CH, CL	A-7	0	0	100	95-100	85-100	75-95	49-53	21-25
	27-85	Clay, silty clay, sandy clay loam, gravelly sandy clay loam	ML, CL, SC, MH	A-6, A-7	0	0	55-100	50-100	45-100	40-100	33-67	11-27

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
HmC:												
Howell----------	0-5	Silt loam, loam, clay loam	ML, SM	A-4	0	0	100	95-100	60-100	40-90	30-40	NP-2
	5-17	Clay	ML	A-6	0	0	100	95-100	75-100	50-90	35-50	10-17
	17-27	Clay, silty clay loam, silty clay	CH, CL, MH, ML	A-7	0	0	100	95-100	85-100	75-95	49-53	21-25
	27-85	Clay, silty clay, sandy clay loam, gravelly sandy clay loam	CL, SC, MH, ML	A-6, A-7	0	0	55-100	50-100	45-100	40-100	33-67	11-27
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
HMD:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5
Howell----------	0-5	Silt loam, loam, clay loam	ML, SM	A-4	0	0	100	95-100	60-100	40-90	30-40	NP-2
	5-17	Clay	ML	A-6	0	0	100	95-100	75-100	50-90	35-50	10-17
	17-27	Clay, silty clay loam, silty clay	CH, CL, MH, ML	A-7	0	0	100	95-100	85-100	75-95	49-53	21-25
	27-85	Clay, silty clay, sandy clay loam, gravelly sandy clay loam	SC, CL, MH, ML	A-6, A-7	0	0	55-100	50-100	45-100	40-100	33-67	11-27

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
HME:												
Annapolis-------	0-8	Fine sandy loam, sandy loam, loamy sand, loamy fine sand	SC, SM, SC-SM, ML	A-2-4, A-4	0	0-10	95-100	95-100	60-100	30-55	15-30	2-10
	8-27	Loam, channery loam, sandy clay loam	CL, CL-ML, SC	A-4, A-6	0	0-15	95-100	95-100	80-100	35-80	15-30	6-15
	27-33	Fine sandy loam, sandy loam, sandy clay loam, loam	SC, SC-SM, CL, CL-ML	A-2-4, A-4	0	0-15	95-100	90-100	65-95	20-55	15-30	6-15
	33-81	Loamy sand, loamy fine sand, sandy loam, fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-10	95-100	95-100	55-90	10-45	10-30	NP-5
Howell----------	0-5	Silt loam, loam, clay loam	SM, ML	A-4	0	0	100	95-100	60-100	40-90	30-40	NP-2
	5-17	Clay	ML	A-6	0	0	100	95-100	75-100	50-90	35-50	10-17
	17-27	Clay, silty clay loam, silty clay	CL, MH, ML, CH	A-7	0	0	100	95-100	85-100	75-95	49-53	21-25
	27-85	Clay, silty clay, sandy clay loam, gravelly sandy clay loam	ML, MH, SC, CL	A-6, A-7	0	0	55-100	50-100	45-100	40-100	33-67	11-27

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
HoA:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Howell----------	0-5	Loam, silt loam, clay loam	SM, ML	A-4	0	0	100	95-100	60-100	40-90	30-40	NP-2
	5-17	Clay	ML	A-6	0	0	100	95-100	75-100	50-90	35-50	10-17
	17-27	Clay, silty clay loam, silty clay	CH, CL, MH, ML	A-7	0	0	100	95-100	85-100	75-95	49-53	21-25
	27-85	Clay, silty clay, sandy clay loam, gravelly sandy clay loam	CL, SC, MH, ML	A-6, A-7	0	0	55-100	50-100	45-100	40-100	33-67	11-27

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
HoB:												
Dodon	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Howell	0-5	Silt loam, loam, clay loam	ML, SM	A-4	0	0	100	95-100	60-100	40-90	30-40	NP-2
	5-17	Clay	ML	A-6	0	0	100	95-100	75-100	50-90	35-50	10-17
	17-27	Clay, silty clay loam, silty clay	CL, MH, ML, CH	A-7	0	0	100	95-100	85-100	75-95	49-53	21-25
	27-85	Clay, silty clay, sandy clay loam, gravelly sandy clay loam	ML, CL, SC, MH	A-6, A-7	0	0	55-100	50-100	45-100	40-100	33-67	11-27

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
HoC:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Howell----------	0-5	Silt loam, loam, clay loam	ML, SM	A-4	0	0	100	95-100	60-100	40-90	30-40	NP-2
	5-17	Clay	ML	A-6	0	0	100	95-100	75-100	50-90	35-50	10-17
	17-27	Clay, silty clay loam, silty clay	CH, CL, MH, ML	A-7	0	0	100	95-100	85-100	75-95	49-53	21-25
	27-85	Clay, silty clay, sandy clay loam, gravelly sandy clay loam	SC, CL, MH, ML	A-6, A-7	0	0	55-100	50-100	45-100	40-100	33-67	11-27

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
HOD:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Howell----------	0-5	Silt loam, loam, clay loam	ML, SM	A-4	0	0	100	95-100	60-100	40-90	30-40	NP-2
	5-17	Clay	ML	A-6	0	0	100	95-100	75-100	50-90	35-50	10-17
	17-27	Clay, silty clay loam, silty clay	CL, ML, MH, CH	A-7	0	0	100	95-100	85-100	75-95	49-53	21-25
	27-85	Clay, silty clay, sandy clay loam, gravelly sandy clay loam	MH, ML, SC, CL	A-6, A-7	0	0	55-100	50-100	45-100	40-100	33-67	11-27

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
HOE:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Howell----------	0-5	Loam, silt loam, clay loam	ML, SM	A-4	0	0	100	95-100	60-100	40-90	30-40	NP-2
	5-17	Clay	ML	A-7	0	0	100	95-100	75-100	50-90	35-50	10-17
	17-27	Clay, silty clay loam, silty clay	CL, CH, ML, MH	A-7	0	0	100	95-100	85-100	75-95	49-53	21-25
	27-85	Clay, silty clay, sandy clay loam, gravelly sandy clay loam	CL, SC, ML, MH	A-6, A-7	0	0	55-100	50-100	45-100	40-100	33-67	11-27

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
HOF:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Howell----------	0-5	Silt loam, loam, clay loam	ML, SM	A-4	0	0	100	95-100	60-100	40-90	30-40	NP-2
	5-17	Clay	ML	A-7	0	0	100	95-100	75-100	50-90	35-50	10-17
	17-27	Clay, silty clay loam, silty clay	CH, CL, ML, MH	A-7	0	0	100	95-100	85-100	75-95	49-53	21-25
	27-85	Clay, silty clay, sandy clay loam, gravelly sandy clay loam	MH, SC, CL, ML	A-6, A-7	0	0	55-100	50-100	45-100	40-100	33-67	11-27

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
MaB:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Marr----------	0-10	Fine sandy loam, very fine sandy loam, loam	CL, ML, SC, SM	A-4	0	0	100	95-100	90-100	45-65	21-29	1-9
	10-40	Sandy clay loam, fine sandy loam, very fine sandy loam, loam, clay loam	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	40-60	Fine sandy loam, very fine sandy loam, loamy fine sand, fine sand, very fine sand	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	60-72	Fine sand, loamy fine sand, fine sandy loam, loam	ML, SM	A-4, A-6	0	0	100	95-100	80-100	35-65	15-39	NP-11

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
MaC:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Marr----------	0-10	Fine sandy loam, very fine sandy loam, loam	CL, ML, SC, SM	A-4	0	0	100	95-100	90-100	45-65	21-29	1-9
	10-40	Sandy clay loam, fine sandy loam, very fine sandy loam, loam, clay loam	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	40-60	Fine sandy loam, very fine sandy loam, loamy fine sand, fine sand, very fine sand	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	60-72	Fine sand, loamy fine sand, fine sandy loam, loam	ML, SM	A-4, A-6	0	0	100	95-100	80-100	35-65	15-39	NP-11

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
MaD:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Marr----------	0-10	Fine sandy loam, very fine sandy loam, loam	CL, ML, SC, SM	A-4	0	0	100	95-100	90-100	45-65	21-29	1-9
	10-40	Sandy clay loam, fine sandy loam, very fine sandy loam, loam, clay loam	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	40-60	Fine sandy loam, very fine sandy loam, loamy fine sand, fine sand, very fine sand	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	60-72	Fine sand, loamy fine sand, fine sandy loam, loam	ML, SM	A-4, A-6	0	0	100	95-100	80-100	35-65	15-39	NP-11

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
MDE:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Marr----------	0-10	Fine sandy loam, very fine sandy loam, loam	CL, ML, SC, SM	A-4	0	0	100	95-100	90-100	45-65	21-29	1-9
	10-40	Sandy clay loam, fine sandy loam, very fine sandy loam, loam, clay loam	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	40-60	Fine sandy loam, very fine sandy loam, loamy fine sand, fine sand, very fine sand	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	60-72	Fine sand, loamy fine sand, fine sandy loam, loam	ML, SM	A-4, A-6	0	0	100	95-100	80-100	35-65	15-39	NP-11

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
MDF:												
Marr----------	0-10	Fine sandy loam, very fine sandy loam, loam	CL, ML, SC, SM	A-4	0	0	100	95-100	90-100	45-65	21-29	1-9
	10-40	Sandy clay loam, fine sandy loam, very fine sandy loam, loam, clay loam	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	40-60	Fine sandy loam, very fine sandy loam, loamy fine sand, fine sand, very fine sand	SC, CL	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	60-72	Fine sand, loamy fine sand, fine sandy loam, loam	ML, SM	A-4, A-6	0	0	100	95-100	80-100	35-65	15-39	NP-11
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
MgB:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Marr----------	0-10	Fine sandy loam, very fine sandy loam, loam	CL, ML, SC, SM	A-4	0	0	100	95-100	90-100	45-65	21-29	1-9
	10-40	Sandy clay loam, fine sandy loam, very fine sandy loam, loam, clay loam	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	40-60	Fine sandy loam, very fine sandy loam, loamy fine sand, fine sand, very fine sand	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	60-72	Fine sand, loamy fine sand, fine sandy loam, loam	ML, SM	A-4, A-6	0	0	100	95-100	80-100	35-65	15-39	NP-11
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
MgD:												
Dodon----------	0-16	Fine sandy loam, loamy fine sand, very fine sandy loam	ML, CL-ML, SM, SC-SM	A-4, A-2	0	0	98-100	95-100	60-98	15-70	10-25	NP-5
	16-56	Sandy clay loam, fine sandy loam, loam, clay loam, very fine sandy loam	ML, CL, SC, SM	A-4, A-2, A-2-4, A-6	0	0	98-100	95-100	35-98	25-80	25-40	3-15
	56-73	Fine sandy loam, very fine sandy loam, sandy clay loam, loam, clay loam	ML, SM	A-4, A-2, A-2-4	0	0	98-100	95-100	35-95	20-80	15-30	NP-5
Marr----------	0-10	Fine sandy loam, very fine sandy loam, loam	CL, ML, SC, SM	A-4	0	0	100	95-100	90-100	45-65	21-29	1-9
	10-40	Sandy clay loam, fine sandy loam, very fine sandy loam, loam, clay loam	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	40-60	Fine sandy loam, very fine sandy loam, loamy fine sand, fine sand, very fine sand	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	60-72	Fine sand, loamy fine sand, fine sandy loam, loam	ML, SM	A-4, A-6	0	0	100	95-100	80-100	35-65	15-39	NP-11
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
MmA:												
Matapeake-------	0-12	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	12-64	Silt loam, silty clay loam, loam	CL	A-6	0	0	100	100	80-100	80-100	27-45	10-22
	64-72	Sandy loam, loamy sand, sand	SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-19	NP-3
MmC:												
Matapeake-------	0-10	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	10-62	Silt loam, silty clay loam, loam	CL	A-6	0	0	100	100	80-100	80-100	27-45	10-22
	62-72	Sandy loam, loamy sand, sand	SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-19	NP-3
MpB:												
Matapeake-------	0-10	Silt loam	ML, CL-ML, CL	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	10-62	Silt loam, silty clay loam, loam	CL	A-6	0	0	100	100	80-100	80-100	27-45	10-22
	62-72	Sandy loam, loamy sand, sand	SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-19	NP-3
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
MpD:												
Matapeake-------	0-10	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	10-62	Silt loam, silty clay loam, loam	CL	A-6	0	0	100	100	80-100	80-100	27-45	10-22
	62-72	Sandy loam, loamy sand, sand	SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-19	NP-3
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
MRD:												
Matapeake-------	0-16	Silt loam	CL, ML, CL-ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	16-34	Silt loam, silty clay loam, loam	CL	A-6	0	0	100	100	80-100	80-100	27-45	10-22
	34-62	Sandy loam, loamy sand, sand	SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	15-19	NP-3
Mattapex--------	0-12	Silt loam	CL-ML, CL	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-37	Silty clay loam, silt loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	37-72	Fine sandy loam, loam, loamy sand	SM, ML, CL, SC	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18
MtA:												
Mattapex--------	0-12	Silt loam	CL, CL-ML	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-37	Silty clay loam, silt loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	37-72	Fine sandy loam, loam, loamy sand	SM, SC, ML, CL	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18
MtB:												
Mattapex--------	0-12	Silt loam	CL, CL-ML	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-37	Silty clay loam, silt loam	CL, CL-ML	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	37-72	Fine sandy loam, loam, loamy sand	SC, SM, ML, CL	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18
MtC:												
Mattapex--------	0-12	Silt loam	CL-ML, CL	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-37	Silty clay loam, silt loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	37-72	Fine sandy loam, loam, loamy sand	SM, CL, ML, SC	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
MxB:												
Mattapex--------	0-15	Silt loam	CL-ML, CL	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	15-36	Silty clay loam, silt loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	36-60	Fine sandy loam, loam, loamy sand	SC, SM, ML, CL	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	15-40	NP-18
	60-65	Sand, loamy sand	SM	A-2	0	0	95-100	90-100	43-85	15-40	10-15	NP
Butlertown------	0-16	Silt loam	ML	A-4	0	0	100	95-100	90-100	85-100	22-35	2-8
	16-34	Silt loam, silty clay loam, very fine sandy loam	CL, ML	A-4, A-6	0	0	100	95-100	90-100	85-100	33-40	9-16
	34-49	Silt loam, very fine sandy loam	CL, CL-ML	A-4, A-6	0	0	100	95-100	90-100	85-100	22-38	6-16
	49-60	Silt loam, very fine sand, loam	SM, SC, ML, CL	A-2, A-4	0	0	90-100	85-100	75-100	30-90	15-30	NP-10
MxC:												
Mattapex--------	0-12	Silt loam	CL-ML, CL	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-37	Silty clay loam, silt loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	37-72	Fine sandy loam, loam, loamy sand	CL, ML, SC, SM	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18
Butlertown------	0-16	Silt loam	ML	A-4	0	0	100	95-100	90-100	85-100	22-35	2-8
	16-34	Silt loam, silty clay loam, very fine sandy loam	ML, CL	A-4, A-6	0	0	100	95-100	90-100	85-100	33-40	9-16
	34-49	Silt loam, very fine sandy loam	CL-ML, CL	A-4, A-6	0	0	100	95-100	90-100	85-100	22-38	6-16
	49-60	Silt loam, very fine sand, loam	CL, ML, SC, SM	A-2, A-4	0	0	90-100	85-100	75-100	30-90	15-30	NP-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
MyB:												
Mattapex--------	0-15	Silt loam	CL, CL-ML	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	15-36	Silty clay loam, silt loam	CL-ML, CL	A-4, A-6, A-7	0	0	100	100	90-100	85-95	24-45	7-21
	36-60	Fine sandy loam, loam, loamy sand	CL, ML, SC, SM	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	15-40	NP-18
	60-65	Sand, loamy sand	SM	A-2	0	0	95-100	90-100	43-85	15-40	10-15	NP
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Butlertown------	0-16	Silt loam	ML	A-4	0	0	100	95-100	90-100	85-100	22-35	2-8
	16-34	Silt loam, silty clay loam, very fine sandy loam	CL, ML	A-4, A-6	0	0	100	95-100	90-100	85-100	33-40	9-16
	34-49	Silt loam, very fine sandy loam	CL, CL-ML	A-4, A-6	0	0	100	95-100	90-100	85-100	22-38	6-16
	49-60	Silt loam, very fine sand, loam	SC, SM, ML, CL	A-2, A-4	0	0	90-100	85-100	75-100	30-90	15-30	NP-10
MZA:												
Mispillion------	0-10	Mucky peat, muck	PT	A-8	---	---	---	---	---	---	0-0	---
	10-24	Mucky peat, muck	PT	A-8	---	---	---	---	---	---	0-0	---
	24-40	Mucky peat, muck	PT	A-8	---	---	---	---	---	---	0-0	---
	40-54	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6	0	0	100	100	80-95	70-90	15-30	5-15
	54-69	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6	0	0	100	100	80-95	70-90	15-30	5-15
	69-80	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6	0	0	100	100	80-95	70-90	15-30	5-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Transquaking----	0-9	Peat	PT	A-8	0	0	---	---	---	---	0-14	NP
	9-46	Mucky peat, muck	PT	A-8	0	0	---	---	---	---	0-14	NP
	46-65	Muck, mucky peat	PT	A-8	0	0	---	---	---	---	0-14	NP
	65-80	Silty clay, silty clay loam	CL, CH	A-6, A-7	0	0	100	100	80-100	70-95	35-60	20-35
NMA:												
Mannington------	0-14	Silt loam	ML, CL-ML	A-4	0	0	100	100	80-95	70-90	15-20	3-7
	14-32	Silt loam, silty clay loam, mucky silt loam	CL	A-4, A-6	0	0	100	100	80-95	70-90	30-40	8-15
	32-52	Muck, mucky peat	PT	A-8	0	0	0	---	---	---	0-14	NP
	52-72	Silt loam, mucky silt loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-4	0	0	100	100	60-100	40-90	20-30	5-10
Nanticoke-------	0-50	Silt loam	OL, ML, CL-ML	A-4	0	0	100	100	80-95	70-90	15-25	NP-10
	50-64	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	80-95	70-90	15-25	NP-10
	64-90	Silty clay loam	CL, CL-ML	A-4, A-6	0	0	100	100	80-95	70-90	15-30	5-15
PeB:												
Patapsco--------	0-13	Loamy sand, sand	SP-SM, SP, SW	A-2, A-3, A-2-4	0-5	0-10	90-100	85-100	50-90	0-10	0-15	NP-5
	13-36	Fine sand, loamy sand, sand	SP-SM, SP, SW	A-2, A-2-4, A-3	0-5	0-10	90-100	85-100	50-90	0-15	0-15	NP-5
	36-68	Sandy clay loam, sandy loam	SC, SM, SC-SM	A-2-4, A-2, A-4, A-6	0-5	0-10	90-100	85-100	60-85	10-40	15-30	3-15
	68-80	Sandy clay loam, clay loam	CL, SC	A-7-6, A-6	0-5	0-10	95-100	90-100	80-100	45-90	25-45	10-30
Evesboro--------	0-16	Loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	---	NP
	16-30	Sand, loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	---	NP
	30-72	Sand, gravelly sand, sandy loam	SM, SP, SW, SC	A-2, A-3	0	0	65-100	60-100	35-95	0-35	15-30	NP-8

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Fort Mott-------	0-26	Loamy sand	SP-SM, SM	A-2	0	0	90-100	85-100	50-90	10-25	15-20	NP-3
	26-44	Sandy loam, sandy clay loam, coarse sandy loam	SC, SC-SM, SM	A-2, A-4, A-6	0	0	90-100	80-100	50-90	25-45	20-35	3-12
	44-72	Stratified gravelly sandy loam	SC-SM, SM, SP-SM	A-1, A-2, A-3	0	0	80-100	75-100	40-80	5-35	15-25	NP-6
PfB:												
Fort Mott-------	0-22	Loamy sand	SM, SP-SM	A-2	0	0	90-100	85-100	50-90	10-25	15-20	NP-3
	22-40	Sandy loam, sandy clay loam, coarse sandy loam	SC, SC-SM, SM	A-2, A-4, A-6	0	0	90-100	80-100	50-90	25-45	20-35	3-12
	40-72	Stratified gravelly sandy loam	SM, SP-SM, SC-SM	A-1, A-2, A-3	0	0	80-100	75-100	40-80	5-35	15-25	NP-6
Patapsco--------	0-13	Loamy sand, sand	SP-SM, SP, SW	A-2, A-3, A-2-4	0-5	0-10	90-100	85-100	50-90	0-10	0-15	NP-5
	13-36	Sand, fine sand, loamy sand	SP-SM, SP, SW	A-2, A-2-4, A-3	0-5	0-10	90-100	85-100	50-90	0-15	0-15	NP-5
	36-68	Sandy loam, sandy clay loam	SC, SM, SC-SM	A-2-4, A-2, A-4, A-6	0-5	0-10	90-100	85-100	60-85	10-40	15-30	3-15
	68-80	Sandy clay loam, clay loam	SC, CL	A-7-6, A-6	0-5	0-10	95-100	90-100	80-100	45-90	25-45	10-30
PfC:												
Fort Mott-------	0-26	Loamy sand	SM, SP-SM	A-2	0	0	90-100	85-100	50-90	10-25	15-20	NP-3
	26-44	Sandy loam, sandy clay loam, coarse sandy loam	SC, SM, SC-SM	A-2, A-4, A-6	0	0	90-100	80-100	50-90	25-45	20-35	3-12
	44-72	Sand, loamy sand, stratified gravelly sandy loam	SP-SM, SM, SC-SM	A-1, A-2, A-3	0	0	80-100	75-100	40-80	5-35	15-25	NP-6

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Patapsco--------	0-13	Loamy sand, sand	SP-SM, SP, SW	A-2, A-3, A-2-4	0-5	0-10	90-100	85-100	50-90	0-10	0-15	NP-5
	13-36	Fine sand, loamy sand, sand	SP-SM, SP, SW	A-2, A-2-4, A-3	0-5	0-10	90-100	85-100	50-90	0-15	0-15	NP-5
	36-68	Sandy clay loam, sandy loam	SC, SM, SC-SM	A-2-4, A-2, A-4, A-6	0-5	0-10	90-100	85-100	60-85	10-40	15-30	3-15
	68-80	Clay loam, sandy clay loam	SC, CL	A-7-6, A-6	0-5	0-10	95-100	90-100	80-100	45-90	25-45	10-30
PfD:												
Fort Mott-------	0-26	Loamy sand	SM, SP-SM	A-2	0	0	90-100	85-100	50-90	10-25	15-20	NP-3
	26-44	Sandy loam, sandy clay loam, coarse sandy loam	SM, SC-SM, SC	A-2, A-4, A-6	0	0	90-100	80-100	50-90	25-45	20-35	3-12
	44-72	Sand, loamy sand, stratified gravelly sandy loam	SP-SM, SM, SC-SM	A-1, A-2, A-3	0	0	80-100	75-100	40-80	5-35	15-25	NP-6
Patapsco--------	0-13	Loamy sand, sand	SP-SM, SP, SW	A-2, A-3, A-2-4	0-5	0-10	90-100	85-100	50-90	0-10	0-15	NP-5
	13-36	Fine sand, loamy sand, sand	SP-SM, SP, SW	A-2, A-2-4, A-3	0-5	0-10	90-100	85-100	50-90	0-15	0-15	NP-5
	36-68	Sandy clay loam, sandy loam	SC, SM, SC-SM	A-2-4, A-2, A-4, A-6	0-5	0-10	90-100	85-100	60-85	10-40	15-30	3-15
	68-80	Sandy clay loam, clay loam	CL, SC	A-7-6, A-6	0-5	0-10	95-100	90-100	80-100	45-90	25-45	10-30
PgB:												
Fort Mott-------	0-22	Loamy sand	SP-SM, SM	A-2	0	0	90-100	85-100	50-90	10-25	15-20	NP-3
	22-40	Sandy loam, sandy clay loam, coarse sandy loam	SC, SM, SC-SM	A-2, A-4, A-6	0	0	90-100	80-100	50-90	25-45	20-35	3-12
	40-72	Stratified gravelly sandy loam	SP-SM, SM, SC-SM	A-1, A-2, A-3	0	0	80-100	75-100	40-80	5-35	15-25	NP-6

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Patapsco--------	0-13	Loamy sand, sand	SP-SM, SP, SW	A-2, A-3, A-2-4	0-5	0-10	90-100	85-100	50-90	0-10	0-15	NP-5
	13-36	Sand, fine sand, loamy sand	SP-SM, SP, SW	A-2, A-2-4, A-3	0-5	0-10	90-100	85-100	50-90	0-15	0-15	NP-5
	36-68	Sandy clay loam, sandy loam	SC, SM, SC-SM	A-2-4, A-2, A-4, A-6	0-5	0-10	90-100	85-100	60-85	10-40	15-30	3-15
	68-80	Sandy clay loam, clay loam	SC, CL	A-7-6, A-6	0-5	0-10	95-100	90-100	80-100	45-90	25-45	10-30
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
PgD:												
Fort Mott-------	0-26	Loamy sand	SP-SM, SM	A-2	0	0	90-100	85-100	50-90	10-25	15-20	NP-3
	26-44	Sandy loam, sandy clay loam, coarse sandy loam	SC, SC-SM, SM	A-2, A-4, A-6	0	0	90-100	80-100	50-90	25-45	20-35	3-12
	44-72	Sand, loamy sand, stratified gravelly sandy loam	SC-SM, SM, SP-SM	A-1, A-2, A-3	0	0	80-100	75-100	40-80	5-35	15-25	NP-6
Patapsco--------	0-13	Loamy sand, sand	SP-SM, SP, SW	A-2, A-3, A-2-4	0-5	0-10	90-100	85-100	50-90	0-10	0-15	NP-5
	13-36	Fine sand, sand, loamy sand	SP-SM, SP, SW	A-2, A-2-4, A-3	0-5	0-10	90-100	85-100	50-90	0-15	0-15	NP-5
	36-68	Sandy clay loam, sandy loam	SC, SM, SC-SM	A-2-4, A-2, A-4, A-6	0-5	0-10	90-100	85-100	60-85	10-40	15-30	3-15
	68-80	Sandy clay loam, clay loam	SC, CL	A-7-6, A-6	0-5	0-10	95-100	90-100	80-100	45-90	25-45	10-30
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
PpA:												
Pepperbox-------	0-40	Loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	---	NP
	40-60	Sandy clay, clay	CL, SC	A-6, A-7	0	0	90-100	85-100	60-100	45-70	25-50	10-30

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
PrB:												
Pepperbox-------	0-40	Loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	---	NP
	40-60	Sandy clay, clay	CL, SC	A-6, A-7	0	0	90-100	85-100	60-100	45-70	25-50	10-30
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
PT:												
Gravel And Borrow Pits----	0-8	Gravelly sand	SP-SM, SP, SM	A-1, A-2, A-3	0	0	75-100	60-90	40-85	0-25	0-14	NP
	8-72	Stratified sand to loam	SP-SM, SM, ML	A-2, A-3, A-4	0	0	90-100	90-100	60-95	5-60	15-30	NP-15
RfA:												
Russett---------	0-4	Fine sandy loam, loam, sandy loam, loamy sand	ML, SC-SM, SM, CL-ML	A-2, A-4	0	0-15	95-100	85-100	65-95	30-70	10-25	NP-6
	4-46	Loam, sandy clay loam, clay loam, silty clay loam	CL, SC, CL-ML	A-2, A-4, A-6	0	0-20	95-100	80-100	65-100	30-80	15-40	5-17
	46-77	Silty clay loam, clay loam, sandy clay loam, loam, sandy loam	SC, CL, CL-ML	A-6, A-4, A-2, A-7-6	0	0-20	90-100	80-100	60-100	25-85	15-45	5-25
RfB:												
Russett---------	0-4	Fine sandy loam, loam, sandy loam, loamy sand	ML, SC-SM, SM, CL-ML	A-2, A-4	0	0-15	95-100	85-100	65-95	30-70	10-25	NP-6
	4-46	Loam, sandy clay loam, clay loam, silty clay loam	CL, SC, CL-ML	A-2, A-4, A-6	0	0-20	95-100	80-100	65-100	30-80	15-40	5-17
	46-77	Silty clay loam, clay loam, sandy clay loam, loam, sandy loam	SC, CL, CL-ML	A-6, A-4, A-2, A-7-6	0	0-20	90-100	80-100	60-100	25-85	15-45	5-25

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
RhB:												
Russett---------	0-4	Fine sandy loam, loam, sandy loam, loamy sand	ML, SC-SM, SM, CL-ML	A-2, A-4	0	0-15	95-100	85-100	65-95	30-70	10-25	NP-6
	4-46	Loam, sandy clay loam, clay loam, silty clay loam	CL, SC, CL-ML	A-2, A-4, A-6	0	0-20	95-100	80-100	65-100	30-80	15-40	5-17
	46-77	Silty clay loam, clay loam, sandy clay loam, loam, sandy loam	SC, CL, CL-ML	A-6, A-4, A-2, A-7-6	0	0-20	90-100	80-100	60-100	25-85	15-45	5-25
Alloway---------	0-6	Silt loam	ML, CL, CL-ML	A-4, A-6	0	0	95-100	85-100	70-95	55-75	16-30	3-11
	6-75	Silty clay loam, silty clay, clay, silt loam	CL, CH	A-6, A-7, A-7-6	0	0	90-100	85-100	70-100	60-100	30-61	11-31
Hambrook--------	0-6	Sandy loam	ML, CL-ML, SM	A-2, A-4	0	0	90-100	85-100	50-95	25-60	15-35	NP-10
	6-10	Loam, sandy loam	SM, ML, CL-ML	A-2, A-4	0	0	90-100	85-100	40-90	20-60	10-30	NP-10
	10-49	Sandy clay loam, sandy loam, loam	CL-ML, CL, SC-SM	A-2, A-4, A-6	0	0	90-100	85-100	50-95	30-75	20-30	5-15
	49-72	Stratified fine sandy loam to silty clay loam	SC-SM, CL-ML, CL	A-4, A-6	0	0	85-100	70-100	70-90	40-85	15-25	5-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
RhC:												
Russett---------	0-4	Fine sandy loam, loam, sandy loam, loamy sand	ML, SC-SM, SM, CL-ML	A-2, A-4	0	0-15	95-100	85-100	65-95	30-70	10-25	NP-6
	4-46	Loam, sandy clay loam, clay loam, silty clay loam	CL, SC, CL-ML	A-2, A-4, A-6	0	0-20	95-100	80-100	65-100	30-80	15-40	5-17
	46-77	Silty clay loam, clay loam, sandy clay loam, loam, sandy loam	SC, CL, CL-ML	A-6, A-4, A-2, A-7-6	0	0-20	90-100	80-100	60-100	25-85	15-45	5-25
Alloway---------	0-6	Silt loam	ML, CL-ML, CL	A-4, A-6	0	0	95-100	85-100	70-95	55-75	16-30	3-11
	6-75	Clay, silt loam, silty clay loam, silty clay	CH, CL	A-6, A-7, A-7-6	0	0	90-100	85-100	70-100	60-100	30-61	11-31
Hambrook--------	0-10	Sandy loam	CL-ML, ML, SM	A-2, A-4	0	0	90-100	85-100	50-95	25-60	15-35	NP-10
	10-14	Loam, sandy loam	SM, CL-ML, ML	A-2, A-4	0	0	90-100	85-100	40-90	20-60	10-30	NP-10
	14-28	Sandy clay loam, sandy loam, loam	SC-SM, CL-ML, CL	A-2, A-4, A-6	0	0	90-100	85-100	50-95	30-75	20-30	5-15
	28-65	Loamy sand, sand	SP-SM, SM	A-1, A-2	0	0	80-100	70-100	20-70	5-30	5-10	NP-5
	65-72	Stratified fine sandy loam to silty clay loam	CL, CL-ML, SC-SM	A-4, A-6	0	0	85-100	70-100	70-90	40-85	15-25	5-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
RhD:												
Russett---------	0-4	Fine sandy loam, loam, sandy loam, loamy sand	ML, SC-SM, SM, CL-ML	A-2, A-4	0	0-15	95-100	85-100	65-95	30-70	10-25	NP-6
	4-46	Loam, sandy clay loam, clay loam, silty clay loam	CL, SC, CL-ML	A-2, A-4, A-6	0	0-20	95-100	80-100	65-100	30-80	15-40	5-17
	46-77	Silty clay loam, clay loam, sandy clay loam, loam, sandy loam	SC, CL, CL-ML	A-6, A-4, A-2, A-7-6	0	0-20	90-100	80-100	60-100	25-85	15-45	5-25
Alloway---------	0-6	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	95-100	85-100	70-95	55-75	16-30	3-11
	6-75	Silt loam, silty clay, clay, silty clay loam	CH, CL	A-6, A-7, A-7-6	0	0	90-100	85-100	70-100	60-100	30-61	11-31
Hambrook--------	0-10	Sandy loam	CL-ML, ML, SM	A-2, A-4	0	0	90-100	85-100	50-95	25-60	15-35	NP-10
	10-14	Loam, sandy loam	CL-ML, ML, SM	A-2, A-4	0	0	90-100	85-100	40-90	20-60	10-30	NP-10
	14-28	Sandy clay loam, sandy loam, loam	CL, CL-ML, SC-SM	A-2, A-4, A-6	0	0	90-100	85-100	50-95	30-75	20-30	5-15
	28-65	Loamy sand, sand	SM, SP-SM	A-1, A-2	0	0	80-100	70-100	20-70	5-30	5-10	NP-5
	65-72	Stratified fine sandy loam to silty clay loam	SC-SM, CL, CL-ML	A-4, A-6	0	0	85-100	70-100	70-90	40-85	15-25	5-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
RkB:												
Russett---------	0-4	Fine sandy loam, loam, sandy loam, loamy sand	ML, SC-SM, SM, CL-ML	A-2, A-4	0	0-15	95-100	85-100	65-95	30-70	10-25	NP-6
	4-46	Loam, sandy clay loam, clay loam, silty clay loam	CL, SC, CL-ML	A-2, A-4, A-6	0	0-20	95-100	80-100	65-100	30-80	15-40	5-17
	46-77	Silty clay loam, clay loam, sandy clay loam, loam, sandy loam	SC, CL, CL-ML	A-6, A-4, A-2, A-7-6	0	0-20	90-100	80-100	60-100	25-85	15-45	5-25
Alloway---------	0-6	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	95-100	85-100	70-95	55-75	16-30	3-11
	6-75	Silty clay loam, clay, silty clay, silt loam	CH, CL	A-6, A-7, A-7-6	0	0	90-100	85-100	70-100	60-100	30-61	11-31
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
RyB:												
Russett---------	0-4	Fine sandy loam, loam, sandy loam, loamy sand	ML, SC-SM, SM, CL-ML	A-2, A-4	0	0-15	95-100	85-100	65-95	30-70	10-25	NP-6
	4-46	Loam, sandy clay loam, clay loam, silty clay loam	CL, SC, CL-ML	A-2, A-4, A-6	0	0-20	95-100	80-100	65-100	30-80	15-40	5-17
	46-77	Silty clay loam, clay loam, sandy clay loam, loam, sandy loam	SC, CL, CL-ML	A-6, A-4, A-2, A-7-6	0	0-20	90-100	80-100	60-100	25-85	15-45	5-25
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
SaB:												
Sassafras-------	0-15	Sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	15-37	Loam, sandy clay loam, sandy loam	SC-SM, SC, CL, CL-ML	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	37-72	Stratified sand to gravelly sandy loam	SP-SM, SM, SC-SM, SC	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	0-26	NP-8
SaD:												
Sassafras-------	0-9	Fine sandy loam	SM, SC-SM, SC	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	9-40	Loam, sandy clay loam, sandy loam	SC-SM, CL-ML, CL, SC	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	40-70	Stratified sand to gravelly sandy loam	SM, SC-SM, SC, SP-SM	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	15-26	NP-8
SfB:												
Sassafras-------	0-10	Loam	ML, CL-ML, CL	A-4	0	0	85-100	80-100	70-95	50-75	12-32	NP-10
	10-50	Loam, sandy clay loam, sandy loam	CL, SC, SC-SM, CL-ML	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	50-72	Stratified sand to loamy sand to gravelly sandy loam	SC-SM, SC, SM, SP-SM	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	0-26	NP-8
ShA:												
Hambrook--------	0-6	Sandy loam	CL-ML, ML, SM	A-2, A-4	0	0	90-100	85-100	50-95	25-60	15-35	NP-10
	6-10	Loam, sandy loam	CL-ML, ML, SM	A-2, A-4	0	0	90-100	85-100	40-90	20-60	10-30	NP-10
	10-49	Sandy clay loam, sandy loam, loam	CL-ML, SC-SM, CL	A-2, A-4, A-6	0	0	90-100	85-100	50-95	30-75	20-30	5-15
	49-72	Stratified fine sandy loam to silty clay loam	CL-ML, SC-SM, CL	A-4, A-6	0	0	85-100	70-100	70-90	40-85	15-25	5-15
Sassafras-------	0-15	Sandy loam	SC-SM, SM, SC	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	15-37	Loam, sandy clay loam, sandy loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	37-72	Stratified sand to gravelly sandy loam	SC-SM, SM, SP-SM, SC	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	0-26	NP-8

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
SME:												
Sassafras-------	0-9	Fine sandy loam	SC, SM, SC-SM	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	9-40	Loam, sandy clay loam, sandy loam	CL-ML, CL, SC-SM, SC	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	40-70	Stratified sand to gravelly sandy loam	SP-SM, SM, SC-SM, SC	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	15-26	NP-8
Croom----------	0-12	Gravelly sandy loam	SM, ML, GM, CL	A-1, A-2, A-4, A-6	0	0	60-85	50-75	30-70	15-55	15-33	2-16
	12-28	Very gravelly sandy clay loam, very gravelly sandy loam, very gravelly loam	GM, GC	A-1, A-2-4, A-2-6	0	0	40-80	30-55	20-50	10-30	8-36	2-16
	28-48	Very gravelly loamy sand, very gravelly sandy loam, very gravelly sandy clay loam	GP, GW, GM, GC	A-1, A-2-4, A-2-6	0	0	40-80	30-55	15-50	2-30	15-36	NP-16
	48-99	Very gravelly sand, very gravelly sandy loam, very gravelly loamy sand	GM, GW, SM, SP	A-1, A-2	0	0	40-80	30-55	15-40	2-20	15-30	NP-12
SMF:												
Sassafras-------	0-9	Fine sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	9-40	Loam, sandy clay loam, sandy loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	40-70	Stratified sand to gravelly sandy loam	SC, SC-SM, SM, SP-SM	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	15-26	NP-8

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Croom----------	0-12	Gravelly sandy loam	SM, ML, CL, GM	A-1, A-2, A-4, A-6	0	0	60-85	50-75	30-70	15-55	15-33	2-16
	12-28	Very gravelly sandy clay loam, very gravelly sandy loam, very gravelly loam	GC, GM	A-1, A-2-4, A-2-6	0	0	40-80	30-55	20-50	10-30	8-36	2-16
	28-48	Very gravelly loamy sand, very gravelly sandy loam, very gravelly sandy clay loam	GC, GM, GP, GW	A-1, A-2-4, A-2-6	0	0	40-80	30-55	15-50	2-30	15-36	NP-16
	48-99	Very gravelly sand, very gravelly sandy loam, very gravelly loamy sand	GM, GW, SM, SP	A-1, A-2	0	0	40-80	30-55	15-40	2-20	15-30	NP-12
SnB:												
Sassafras-------	0-15	Sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	15-37	Loam, sandy clay loam, sandy loam	SC, SC-SM, CL-ML, CL	A-2, A-4, A-6	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	37-72	Stratified sand to gravelly sandy loam	SC-SM, SM, SP-SM, SC	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	0-26	NP-8
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
SnD:												
Sassafras-------	0-9	Fine sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	85-100	80-100	50-85	25-55	12-32	NP-10
	9-40	Loam, sandy clay loam, sandy loam	SC, SC-SM, CL-ML, CL	A-6, A-2, A-4	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	40-70	Stratified sand to gravelly sandy loam	SC, SC-SM, SM, SP-SM	A-1, A-2, A-3, A-4	0	0	70-100	50-100	30-90	5-55	15-26	NP-8
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
SoA:												
Elkton----------	0-20	Silt loam	CL-ML, ML	A-4, A-6	0	0	100	100	90-100	50-95	25-45	5-15
	20-47	Silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	47-58	Silty clay loam, silty clay	CL, CH	A-6, A-7	0	0	100	100	95-100	85-95	30-55	10-35
	58-72	Very fine sandy loam	CL, ML, SC	A-4	0	0	100	95-100	85-95	45-75	20-30	NP-10
Shadyoak--------	0-9	Silt loam	CL-ML, ML	A-4, A-6	0	0	100	100	90-100	50-95	25-45	5-15
	9-29	Silt loam, silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	29-58	Loam, silty clay loam, sandy clay loam, clay loam, silt loam	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	30-55	10-35
	58-80	Sandy loam, fine sandy loam, sandy clay loam, silt loam	CL, ML, SC	A-4	0	0	100	95-100	85-95	45-75	20-30	NP-10
SpA:												
Shadyoak--------	0-9	Silt loam	CL-ML, ML	A-4, A-6	0	0	100	100	90-100	50-95	25-45	5-15
	9-29	Silt loam, silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	29-58	Loam, silty clay loam, sandy clay loam, clay loam, silt loam	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	30-55	10-35
	58-80	Sandy loam, fine sandy loam, sandy clay loam, silt loam	CL, ML, SC	A-4	0	0	100	95-100	85-95	45-75	20-30	NP-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Elkton----------	0-20	Silt loam	ML, CL-ML	A-4, A-6	0	0	100	100	90-100	50-95	25-45	5-15
	20-47	Silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	47-58	Silty clay loam, silty clay	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	30-55	10-35
	58-72	Very fine sandy loam	CL, ML, SC	A-4	0	0	100	95-100	85-95	45-75	20-30	NP-10
SrA:												
Elkton----------	0-20	Silt loam	CL-ML, ML	A-4, A-6	0	0	100	100	90-100	50-95	25-45	5-15
	20-47	Silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	47-58	Silty clay loam, silty clay	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	30-55	10-35
	58-72	Very fine sandy loam	CL, ML, SC	A-4	0	0	100	95-100	85-95	45-75	20-30	NP-10
Shadyoak--------	0-9	Silt loam	CL-ML, ML	A-4, A-6	0	0	100	100	90-100	50-95	25-45	5-15
	9-29	Silt loam, silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	29-58	Loam, silty clay loam, sandy clay loam, clay loam, silt loam	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	30-55	10-35
	58-80	Sandy loam, fine sandy loam, sandy clay loam, silt loam	CL, ML, SC	A-4	0	0	100	95-100	85-95	45-75	20-30	NP-10
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
SsA:												
Shrewsbury------	0-14	Fine sandy loam	SM, CL, ML, SC	A-2-4, A-4	0	0	95-100	95-100	60-95	30-75	15-27	NP-9
	14-32	Sandy loam, sandy clay loam, clay loam	CL, SC	A-4, A-6	0	0	95-100	95-100	65-100	35-80	25-40	7-18
	32-60	Stratified loamy sand to sandy loam	SC, SM	A-2-4, A-4	0	0	90-100	90-100	60-95	15-45	15-23	NP-8

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
TsB:												
Tinton----------	0-32	Loamy sand	SM	A-2, A-3	0	0	100	100	70-100	5-20	0-14	NP
	32-46	Fine sandy loam, sandy loam, sandy clay loam	SM, SC, SC-SM	A-2, A-4, A-6	0	0	80-100	75-100	60-100	20-50	20-40	3-15
	46-60	Stratified sand to sandy loam	SP-SM, SC-SM, SM	A-2, A-4	0	0	100	98-100	70-100	10-40	0-14	NP-6
TsC:												
Tinton----------	0-32	Loamy sand	SM	A-2, A-3	0	0	100	100	70-100	5-20	0-14	NP
	32-46	Fine sandy loam, sandy loam, sandy clay loam	SM, SC-SM, SC	A-2, A-4, A-6	0	0	80-100	75-100	60-100	20-50	20-40	3-15
	46-60	Stratified sand to sandy loam	SP-SM, SC-SM, SM	A-2, A-4	0	0	100	98-100	70-100	10-40	0-14	NP-6
TuB:												
Tinton----------	0-32	Loamy sand	SM	A-2, A-3	0	0	100	100	70-100	5-20	0-14	NP
	32-46	Fine sandy loam, sandy loam, sandy clay loam	SC-SM, SC, SM	A-2, A-4, A-6	0	0	80-100	75-100	60-100	20-50	20-40	3-15
	46-60	Stratified sand to sandy loam	SC-SM, SM, SP-SM	A-2, A-4	0	0	100	98-100	70-100	10-40	0-14	NP-6
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
TuC:												
Tinton----------	0-32	Loamy sand	SM	A-2, A-3	0	0	100	100	70-100	5-20	0-14	NP
	32-46	Fine sandy loam, sandy loam, sandy clay loam	SM, SC-SM, SC	A-2, A-4, A-6	0	0	80-100	75-100	60-100	20-50	20-40	3-15
	46-60	Stratified sand to sandy loam	SM, SC-SM, SP-SM	A-2, A-4	0	0	100	98-100	70-100	10-40	0-14	NP-6
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
UfG:												
Udorthents------	---	---	---	---	---	---	---	---	---	---	---	---
UoB:												
Udorthents------	0-2	Sandy loam	SC-SM, SM, ML	A-2, A-4	0	0-5	85-100	80-100	50-85	25-55	15-25	NP-5
	2-65	Sandy loam, loam	CL, CL-ML	A-4, A-6	0	0-5	85-100	80-100	70-95	50-75	15-30	5-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
UoD:												
Udorthents------	0-2	Sandy loam	SM, SC-SM, ML	A-2, A-4	0	0-5	85-100	80-100	50-85	25-55	15-25	NP-5
	2-65	Sandy loam, loam	CL-ML, CL	A-4, A-6	0	0-5	85-100	80-100	70-95	50-75	15-30	5-15
UoE:												
Udorthents------	0-2	Sandy loam	SC-SM, ML, SM	A-2, A-4	0	0-5	85-100	80-100	50-85	25-55	15-25	NP-5
	2-65	Sandy loam, loam	CL-ML, CL	A-4, A-6	0	0-5	85-100	80-100	70-95	50-75	15-30	5-15
UpB:												
Udorthents------	---	---	---	---	---	---	---	---	---	---	---	---
UpC:												
Udorthents------	---	---	---	---	---	---	---	---	---	---	---	---
UxB:												
Udorthents------	---	---	---	---	---	---	---	---	---	---	---	---
UxD:												
Udorthents------	---	---	---	---	---	---	---	---	---	---	---	---
UxE:												
Udorthents------	---	---	---	---	---	---	---	---	---	---	---	---
Uz:												
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
W:												
Water----------	---	---	---	---	---	---	---	---	---	---	---	---
WBA:												
Widewater-------	0-16	Silt loam	CL, ML, SC, SM	A-4, A-6	0	0	95-100	90-100	70-100	40-90	22-35	2-12
	16-40	Silt loam, silty clay loam, sandy clay loam	CL, CL-ML, ML	A-4, A-6	0	0	85-100	80-100	70-95	55-85	22-35	2-12
	40-56	Sandy clay loam, sandy loam, silt loam	CL, ML, SC, SM	A-4	0	0	75-100	70-100	60-90	45-60	22-30	2-10
	56-70	Stratified clay to gravelly sand	GC, GM, SC, SM	A-2, A-1	0	0	50-85	45-80	45-80	15-35	15-32	NP-14

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Issue----------	0-13	Silt loam	CL-ML, ML	A-4	0	0	95-100	95-100	80-95	50-80	15-30	NP-7
	13-22	Fine sandy loam, loam, sandy loam	ML, SC-SM, SM, CL-ML	A-4	0	0	95-100	85-100	65-100	36-75	15-30	NP-7
	22-60	Sandy loam, fine sandy loam, loam	SM, ML	A-2, A-4	0	0	95-100	90-100	70-100	25-60	15-30	NP-7
WdA:												
Woodstown-------	0-11	Sandy loam	CL-ML, SC-SM, SM	A-2, A-4	0	0	90-100	80-100	60-95	30-75	15-28	NP-7
	11-29	Sandy clay loam, loam, sandy loam	SM, SC-SM, CL-ML, CL	A-2, A-4, A-6	0	0	90-100	70-100	45-90	25-60	15-32	NP-20
	29-70	Stratified gravelly sand to sandy loam	SM, SP-SM, SC-SM	A-1, A-2, A-2-4, A-3	0	0	80-100	70-95	35-55	5-25	15-26	NP-6
WdB:												
Woodstown-------	0-8	Sandy loam, fine sandy loam, loam, silt loam	SM, SC-SM	A-2	0	0	95-100	95-100	50-90	15-35	15-20	NP-5
	8-16	Sandy loam, sandy clay loam, loam, clay loam	CL-ML, ML, SM, SC-SM	A-4, A-6	0	0	95-100	95-100	65-85	35-65	25-40	5-12
	16-36	Sandy loam, sandy clay loam, loam, clay loam	SM, SC-SM, ML, CL-ML	A-4, A-6	0	0	95-100	95-100	65-85	35-65	25-40	5-12
	36-55	Sandy loam, sandy clay loam, loam, clay loam	CL-ML, ML, SC-SM, SM	A-4, A-6	0	0	95-100	95-100	65-85	35-65	25-40	5-12
	55-72	Loamy fine sand, fine sandy loam, sandy loam	SC-SM, SM	A-2	0	0	95-100	90-100	50-85	15-35	10-20	NP-5
WrB:												
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Woodstown-------	0-11	Sandy loam	CL-ML, SC-SM, SM	A-2, A-4	0	0	90-100	80-100	60-95	30-75	15-28	NP-7
	11-29	Sandy clay loam, loam, sandy loam	CL, CL-ML, SC-SM, SM	A-2, A-4, A-6	0	0	90-100	70-100	45-90	25-60	15-32	NP-20
	29-70	Stratified gravelly sand to sandy loam	SP-SM, SM, SC-SM	A-1, A-2, A-2-4, A-3	0	0	80-100	70-95	35-55	5-25	15-26	NP-6
ZBA:												
Zekiah----------	0-3	Silt loam	ML, CL-ML	A-4	0	0	100	100	70-100	45-100	15-25	NP-10
	3-20	Silt loam, loam	ML, CL-ML	A-4	0	0	100	100	70-100	45-100	15-25	NP-10
	20-27	Mucky loam, loam, sandy loam	SM, ML	A-2-4, A-4	0	0	90-100	75-100	50-95	25-75	15-26	NP-10
	27-37	Mucky sandy loam, sandy loam, loamy sand	SM	A-2-4	0	0	90-100	75-100	50-70	25-45	15-26	NP-10
	37-50	Loam, sandy loam, silt loam	SM	A-2-4, A-4	0	0	90-100	75-100	35-70	25-50	15-25	NP-10
	50-72	Sand, loamy sand, coarse sand	SP-SM, SM	A-1, A-2-4, A-3	0	0	90-100	75-100	35-70	5-25	---	NP-5
Issue----------	0-13	Silt loam	CL-ML, ML	A-4	0	0	95-100	95-100	80-95	50-80	15-30	NP-7
	13-22	Fine sandy loam, loam, sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	85-100	65-100	36-75	15-30	NP-7
	22-60	Sandy loam, fine sandy loam, loam	SM, ML	A-2, A-4	0	0	95-100	90-100	70-100	25-60	15-30	NP-7