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	
Ad:												
Alluvial Land---	0-6	Gravelly silt loam	CL-ML, ML, SC-SM, SM	A-4	---	0-5	75-100	60-100	55-90	45-80	15-25	NP-6
	6-42	Sandy loam, silt loam, gravelly loam	CL-ML, ML, SC-SM, SM	A-4	---	0-10	75-100	60-100	50-90	35-80	10-25	NP-6
	42-60	Silt loam, loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	95-100	95-100	80-100	50-95	15-40	2-25
AuC2:												
Aura----------	0-8	Gravelly sandy loam	SC-SM, SM	A-1-b, A-2-4, A-4	0	0	60-100	60-95	35-70	20-40	15-23	NP-7
	8-59	Gravelly sandy loam, sandy clay loam, gravelly sandy clay loam	GC, SC	A-2-4, A-2-6, A-4, A-6	0	0	55-100	50-90	30-80	15-50	23-40	7-18
	59-72	Sand, gravelly sand, sandy clay loam	SC, SC-SM, SM	A-2-4, A-3, A-4, A-6	0	0	70-100	35-90	20-75	5-40	15-38	NP-17
AuD2:												
Aura----------	0-8	Gravelly sandy loam	SC-SM, SM	A-1-b, A-2-4, A-4	0	0	60-100	60-95	35-70	20-40	15-23	NP-7
	8-59	Gravelly sandy loam, sandy clay loam, gravelly sandy clay loam	GC, SC	A-2-4, A-2-6, A-4, A-6	0	0	55-100	50-90	30-80	15-50	23-40	7-18
	59-72	Sand, gravelly sand, sandy clay loam	SC, SC-SM, SM	A-2-4, A-3, A-4, A-6	0	0	70-100	35-90	20-75	5-40	15-38	NP-17

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	
AuD3:												
Aura----------	0-8	Gravelly sandy loam	SC-SM, SM	A-1-b, A-2-4, A-4	0	0	60-100	60-95	35-70	20-40	15-23	NP-7
	8-59	Gravelly sandy loam, sandy clay loam, gravelly sandy clay loam	GC, SC	A-2-4, A-2-6, A-4, A-6	0	0	55-100	50-90	30-80	15-50	23-40	7-18
	59-72	Sand, gravelly sand, sandy clay loam	SC, SC-SM, SM	A-2-4, A-3, A-4, A-6	0	0	70-100	35-90	20-75	5-40	15-38	NP-17
BlA:												
Beltsville------	0-14	Silt loam	CL-ML, ML	A-4	0	0	85-100	80-100	70-100	50-90	22-26	3-7
	14-25	Silty clay loam, silt loam	CL	A-4, A-6	0	0	85-100	80-100	70-100	55-95	29-32	9-12
	25-50	Silty clay loam, silt loam, loam	CL	A-4, A-6	0	0	85-100	80-100	70-100	50-95	29-34	9-14
	50-72	Gravelly sandy loam, sandy loam, clay loam	CL, GM, ML, SM	A-1-b, A-2, A-4, A-6	0	0	60-100	50-100	30-100	15-90	18-34	3-16
BlB2:												
Beltsville------	0-14	Silt loam	CL-ML, ML	A-4	0	0	85-100	80-100	70-100	50-90	22-26	3-7
	14-25	Silty clay loam, silt loam	CL	A-4, A-6	0	0	85-100	80-100	70-100	55-95	29-32	9-12
	25-50	Silty clay loam, silt loam, loam	CL	A-4, A-6	0	0	85-100	80-100	70-100	50-95	29-34	9-14
	50-72	Gravelly sandy loam, sandy loam, clay loam	CL, GM, ML, SM	A-1-b, A-2, A-4, A-6	0	0	60-100	50-100	30-100	15-90	18-34	3-16

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	
BlC2:												
Beltsville------	0-14	Silt loam	CL-ML, ML	A-4	0	0	85-100	80-100	70-100	50-90	22-26	3-7
	14-25	Silty clay loam, silt loam	CL	A-4, A-6	0	0	85-100	80-100	70-100	55-95	29-32	9-12
	25-50	Silty clay loam, silt loam, loam	CL	A-4, A-6	0	0	85-100	80-100	70-100	50-95	29-34	9-14
	50-72	Gravelly sandy loam, sandy loam, clay loam	CL, GM, ML, SM	A-1-b, A-2, A-4, A-6	0	0	60-100	50-100	30-100	15-90	18-34	3-16
BlC3:												
Beltsville------	0-14	Silt loam	CL-ML, ML	A-4	0	0	85-100	80-100	70-100	50-90	22-26	3-7
	14-25	Silty clay loam, silt loam	CL	A-6, A-4	0	0	85-100	80-100	70-100	55-95	29-32	9-12
	25-50	Silty clay loam, silt loam, loam	CL	A-4, A-6	0	0	85-100	80-100	70-100	50-95	29-34	9-14
	50-72	Gravelly sandy loam, sandy loam, clay loam	CL, GM, ML, SM	A-1-b, A-2, A-4, A-6	0	0	60-100	50-100	30-100	15-90	18-34	3-16
Bo:												
Bibb----------	0-12	Silt loam	CL-ML, ML	A-4	0	0-5	95-100	90-100	80-90	50-80	15-25	NP-7
	12-60	Gravelly sandy loam, loam, silt loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0-10	60-100	50-100	40-100	30-90	15-30	NP-7
BrB2:												
Bourne----------	0-12	Sandy loam	CL-ML, SC-SM, SM, ML	A-2, A-4	0	0	80-100	75-100	45-85	20-55	15-25	NP-6
	12-28	Sandy clay loam, clay loam, loam	CL, SC	A-2, A-6, A-7	0	0	80-100	75-100	60-95	30-80	30-45	10-25
	28-52	Loam, sandy clay loam, fine sandy loam	CL, SC, SC-SM	A-2, A-4, A-6	0	0	80-100	75-100	50-95	30-80	25-40	7-20
	52-80	Variable			---	---	---	---	---	---	---	---

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	
BrC2:												
Bourne----------	0-12	Sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	80-100	75-100	45-85	20-55	15-25	NP-6
	12-28	Sandy clay loam, clay loam, loam	CL, SC	A-2, A-6, A-7	0	0	80-100	75-100	60-95	30-80	30-45	10-25
	28-52	Loam, sandy clay loam, fine sandy loam	CL, SC, SC-SM	A-2, A-4, A-6	0	0	80-100	75-100	50-95	30-80	25-40	7-20
	52-80	Variable			---	---	---	---	---	---	---	---
BuC3:												
Bourne----------	0-12	Loam	CL-ML, ML, SC-SM, SM	A-4	0	0	80-100	75-100	60-95	36-75	15-30	NP-7
	12-28	Sandy clay loam, clay loam, loam	CL, SC	A-2, A-6, A-7	0	0	80-100	75-100	60-95	30-80	30-45	10-25
	28-52	Loam, sandy clay loam, fine sandy loam	CL, SC, SC-SM	A-2, A-4, A-6	0	0	80-100	75-100	50-95	30-80	25-40	7-20
	52-80	Variable			---	---	---	---	---	---	---	---
ChB2:												
Chillum---------	0-8	Silt loam	CL, CL-ML, 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	GM, GP-GM, SM, SP-SM	A-1, A-2	0	0	25-90	15-75	10-50	5-30	0-14	NP
ChC2:												
Chillum---------	0-8	Silt loam	CL, CL-ML, 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	GM, GP-GM, SM, SP-SM	A-1, A-2	0	0	25-90	15-75	10-50	5-30	0-14	NP

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	
Co:												
Coastal Beaches-	0-6	Sand	SP	A-1, A-3	0	0	100	75-100	5-85	0-5	0-14	NP
	6-60	Coarse sand, sand, fine sand	SP	A-1, A-3	0	0	100	75-100	5-85	0-5	0-14	NP
CrB2:												
Croom----------	0-12	Gravelly loam	CL, GM, ML, SM	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, A-1-a	0	0	40-80	30-55	15-40	2-20	15-30	NP-12

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	
CrC2:												
Croom----------	0-12	Gravelly loam	CL, GM, ML, SM	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, A-1-a	0	0	40-80	30-55	15-40	2-20	15-30	NP-12
CrC3:												
Croom----------	0-12	Gravelly loam	CL, GM, ML, SM	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, A-1-a	0	0	40-80	30-55	15-40	2-20	15-30	NP-12

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	
Cu:												
Cut And Fill Land----------	0-6	Variable			---	---	---	---	---	---	0-14	---
Ek:												
Elkton----------	0-10	Silt loam	CL-ML	A-4, A-6	0	0	100	100	90-100	50-95	20-45	5-20
	10-24	Silty clay loam	CL, CH	A-6, A-7	0	0	100	100	95-100	85-95	30-55	10-35
	24-40	Silty clay loam, silty clay	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	30-55	10-35
	40-65	Very fine sandy loam	CL, ML, SC	A-4	0	0	100	95-100	85-95	45-75	20-30	NP-10
ErE:												
Eroded Land-----	0-9	Gravelly loam	CL, ML, SM	A-1, A-2, A-4	0-1	0-10	60-85	50-75	30-70	15-55	15-32	NP-10
	9-40	Loam, sandy clay loam, sandy loam	CL, SC-SM	A-2, A-4, A-6	0	0	85-100	85-100	50-95	25-75	20-33	5-15
	40-70	Gravelly sandy loam, loamy sand, sand	SC, SM, SP-SM	A-1, A-2, A-4	0	0	70-100	50-100	30-90	5-50	15-26	NP-8
EvB:												
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	SC, SM, SP, SW	A-2, A-3	0	0	65-100	60-100	35-95	0-35	15-30	NP-8
EvC:												
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	SC, SM, SP, SW	A-2, A-3	0	0	65-100	60-100	35-95	0-35	15-30	NP-8
EwB:												
Evesboro--------	0-40	Gravelly loamy sand	SM, SP-SM	A-1, A-2	0	0	90-100	55-75	30-55	10-20	0-14	NP
	40-60	Gravelly sand, loamy sand	SM, SP, SP-SM	A-1, A-2, A-3	0	0	90-100	55-85	30-60	4-25	0-14	NP

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	
EwC:												
Evesboro--------	0-40	Gravelly loamy sand	SM, SP-SM	A-1, A-2	0	0	90-100	55-75	30-55	10-20	0-14	NP
	40-60	Gravelly sand, loamy sand	SM, SP, SP-SM	A-1, A-2, A-3	0	0	90-100	55-85	30-60	4-25	0-14	NP
ExC2:												
Exum----------	0-9	Silt loam	CL-ML, ML	A-4	0	0	90-100	85-100	80-100	60-90	15-28	NP-7
	9-84	Clay loam, clay, silty clay	CH, CL	A-7	0	0	90-100	85-100	80-100	60-90	41-70	18-40
	84-99	Clay loam, clay, gravelly fine sandy loam	CH, CL, SC, SC-SM	A-4, A-6, A-7	0	0	85-100	70-100	55-95	35-90	20-70	5-40
ExC3:												
Exum----------	0-9	Clay loam	CH, CL	A-6, A-7	0	0	90-100	85-100	80-100	65-80	35-60	15-40
	9-84	Clay loam, clay, silty clay	CH, CL	A-7	0	0	90-100	85-100	80-100	60-90	41-70	18-40
	84-99	Clay loam, clay, gravelly fine sandy loam	CH, CL, SC, SC-SM	A-4, A-6, A-7	0	0	85-100	70-100	55-95	35-90	20-70	5-40
ExD2:												
Exum----------	0-5	Silt loam	CL-ML, ML	A-4	0	0	90-100	85-100	80-100	60-90	15-28	NP-7
	5-68	Clay loam, clay, silty clay	CH, CL	A-7	0	0	90-100	85-100	80-100	60-90	41-70	18-40
	68-96	Clay loam, clay, gravelly fine sandy loam	CH, CL, SC, SC-SM	A-4, A-6, A-7	0	0	85-100	70-100	55-95	35-90	20-70	5-40
EyD3:												
Exum----------	0-5	Clay loam	CH, CL	A-6, A-7	0	0	90-100	85-100	80-100	65-80	35-60	15-40
	5-68	Clay loam, clay, silty clay	CH, CL	A-7	0	0	90-100	85-100	80-100	60-90	41-70	18-40
	68-96	Clay loam, clay, gravelly fine sandy loam	CH, CL, SC, SC-SM	A-4, A-6, A-7	0	0	85-100	70-100	55-95	35-90	20-70	5-40

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	
EzB2:												
Exum----------	0-9	Silt loam	CL-ML, ML	A-4	0	0	90-100	85-100	80-100	60-90	15-28	NP-7
	9-84	Clay loam, clay, silty clay	CH, CL	A-7	0	0	90-100	85-100	80-100	60-90	41-70	18-40
	84-99	Clay loam, clay, gravelly fine sandy loam	CH, CL, SC, SC-SM	A-4, A-6, A-7	0	0	85-100	70-100	55-95	35-90	20-70	5-40
Beltsville------	0-14	Silt loam	CL-ML, ML	A-4	0	0	85-100	80-100	70-100	50-90	22-26	3-7
	14-25	Silty clay loam, silt loam	CL	A-4, A-6	0	0	85-100	80-100	70-100	55-95	29-32	9-12
	25-50	Silty clay loam, silt loam, loam	CL	A-4, A-6	0	0	85-100	80-100	70-100	50-95	29-34	9-14
	50-72	Gravelly sandy loam, sandy loam, clay loam	CL, GM, ML, SM	A-1-b, A-2, A-4, A-6	0	0	60-100	50-100	30-100	15-90	18-34	3-16
Fs:												
Fallsington-----	0-10	Sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	65-90	30-60	15-19	NP-5
	10-32	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
	32-72	Stratified sand to sandy clay loam	CL, SM, SP-SM	A-2, A-3	0	0	95-100	90-100	50-85	5-55	15-30	NP-15
GaB:												
Galestown-------	0-11	Loamy sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	75-100	45-70	4-20	0-14	NP
	11-40	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
	40-65	Sand, loamy sand, gravelly sand	SP, SP-SM	A-2, A-3, A-1	0	0	75-100	55-100	30-75	4-10	0-14	NP

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	
Gp:												
Gravel And Borrow Pi------	0-6	Very gravelly sand	GW	A-1	---	0-25	10-25	5-25	0-15	0-5	0-14	NP
	6-60	Extremely gravelly sand, extremely gravelly coarse sand, very gravelly coarse sand	GP, GW, SP, SW	A-1	---	0-25	10-55	5-50	0-15	0-5	0-14	NP
GvE:												
Gravelly Land---	0-9	Gravelly sandy loam	CL, ML, SM	A-1, A-2, A-4	0-1	0-10	60-85	50-75	30-70	15-55	15-32	NP-10
	9-40	Loam, sandy clay loam, sandy loam	CL, SC-SM	A-2, A-4, A-6	0	0	85-100	85-100	50-95	25-75	20-33	5-15
	40-70	Gravelly sandy loam, loamy sand, sand	SC, SM, SP-SM	A-1, A-2, A-4	0	0	70-100	50-100	30-90	5-50	15-26	NP-8
Ik:												
Iuka----------	0-13	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	70-100	30-60	15-20	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	ML, SM	A-2, A-4	0	0	95-100	90-100	70-100	25-60	15-30	NP-7
Im:												
Iuka----------	0-13	Sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	70-100	30-60	15-20	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	ML, SM	A-2, A-4	0	0	95-100	90-100	70-100	25-60	15-30	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	
In:												
Iuka----------	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	ML, SM	A-2, A-4	0	0	95-100	90-100	70-100	25-60	15-30	NP-7
KeA:												
Keyport---------	0-10	Fine sandy loam	CL, ML, CL-ML	A-4	0	0	95-100	95-100	60-85	30-55	15-26	NP-10
	10-60	Silty clay loam, clay loam, clay	CH, CL	A-6, A-7-6	0	0	95-100	95-100	85-100	70-95	35-60	15-35
KeB2:												
Keyport---------	0-10	Fine sandy loam	CL, ML, SC, SM	A-2-4, A-4	0	0	95-100	95-100	60-85	30-55	15-26	NP-10
	10-60	Silty clay loam, clay loam, clay	CH, CL	A-6, A-7-6	0	0	95-100	95-100	85-100	70-95	35-60	15-35
KpA:												
Keyport---------	0-10	Silt loam	CL, ML, CL-ML	A-4	0	0	95-100	95-100	90-100	65-85	20-30	3-10
	10-60	Silty clay loam, clay loam, clay	CH, CL, MH, ML	A-6, A-7	0	0	95-100	95-100	85-100	70-95	35-55	10-30
KpB2:												
Keyport---------	0-10	Silt loam	CL, ML, CL-ML	A-4	0	0	95-100	95-100	90-100	65-85	20-30	3-10
	10-60	Silty clay loam, clay loam, clay	CH, CL, MH, ML	A-6, A-7	0	0	95-100	95-100	85-100	70-95	35-55	10-30
KpC2:												
Keyport---------	0-10	Silt loam	CL, ML, CL-ML	A-4	0	0	95-100	95-100	90-100	65-85	20-30	3-10
	10-60	Silty clay loam, clay loam, clay	CH, CL, MH, ML	A-6, A-7	0	0	95-100	95-100	85-100	70-95	35-55	10-30
KpC3:												
Keyport---------	0-10	Loam	CL, ML, CL-ML	A-4, A-6	0	0	95-100	95-100	90-100	65-85	20-30	3-12
	10-60	Silty clay loam, clay loam, clay	CH, CL, MH, ML	A-6, A-7-6	0	0	95-100	95-100	85-100	70-95	35-55	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	
Le:												
Leonardtown-----	0-12	Silt loam	ML, SM	A-2-4, A-4	0	0	85-100	80-100	55-100	30-90	15-35	5-10
	12-49	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	85-100	80-100	70-100	55-95	15-35	5-15
	49-70	Loam, gravelly sandy loam, clay loam	CL, ML, SC, SM	A-1, A-2, A-4, A-6	0	0	65-100	50-100	30-100	15-95	15-40	3-20
MgA:												
Magnolia--------	0-5	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	72-97	17-38	15-25	NP-7
	5-11	Sandy clay loam, sandy clay	CL, ML, SC, SM	A-4, A-6	0	0	98-100	90-100	85-98	46-66	15-35	NP-13
	11-72	Sandy clay, clay, clay loam	CH, CL, SC	A-6, A-7	0	0	98-100	95-100	75-99	45-72	25-52	11-25
MgB2:												
Magnolia--------	0-5	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	72-97	17-38	15-25	NP-7
	5-11	Sandy clay loam, sandy clay	CL, ML, SC, SM	A-4, A-6	0	0	98-100	90-100	85-98	46-66	15-35	NP-13
	11-72	Sandy clay, clay, clay loam	CH, CL, SC	A-6, A-7	0	0	98-100	95-100	75-99	45-72	25-52	11-25
MgC2:												
Magnolia--------	0-5	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	72-97	17-38	15-25	NP-7
	5-11	Sandy clay loam, sandy clay	CL, ML, SC, SM	A-4, A-6	0	0	98-100	90-100	85-98	46-66	15-35	NP-13
	11-72	Sandy clay, clay, clay loam	CH, CL, SC	A-6, A-7	0	0	98-100	95-100	75-99	45-72	25-52	11-25
MkC3:												
Magnolia--------	0-5	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	72-97	17-38	15-25	NP-7
	5-11	Sandy clay loam, sandy clay	CL, ML, SC, SM	A-4, A-6	0	0	98-100	90-100	85-98	46-66	15-35	NP-13
	11-72	Sandy clay, clay, clay loam	CH, CL, SC	A-6, A-7	0	0	98-100	95-100	75-99	45-72	25-52	11-25

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	Plas-ticity index
	In				Pct	Pct					Pct	
MlB2:												
Marr----------	0-12	Fine sandy loam	CL, ML, SC, SM	A-4	0	0	100	95-100	90-100	45-65	21-29	1-9
	12-34	Sandy clay loam, fine sandy loam	CL, SC	A-4, A-6, A-7	0	0	100	95-100	90-100	40-70	28-45	8-20
	34-60	Fine sandy loam, loamy fine sand	ML, SM	A-4, A-6	0	0	100	95-100	80-100	35-65	15-39	NP-11
MmA:												
Matapeake-------	0-16	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	100	80-100	30-65	15-30	2-9
	16-34	Silt loam, silty clay loam, loam	CL, CL-ML	A-6, A-4	0	0	100	100	80-100	60-90	25-40	5-15
	34-62	Sandy loam, loamy sand, sand	SM, SC-SM, SP-SM	A-1, A-3, A-2	0	0	90-100	75-100	20-70	5-30	0-20	NP-5
MmB2:												
Matapeake-------	0-16	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	100	80-100	30-65	15-30	2-9
	16-34	Silt loam, silty clay loam, loam	CL, CL-ML	A-6, A-4	0	0	100	100	80-100	60-90	25-40	5-15
	34-62	Sandy loam, loamy sand, sand	SM, SP-SM, SC-SM	A-2, A-3, A-1	0	0	90-100	75-100	20-70	5-30	0-20	NP-5
MnA:												
Matapeake-------	0-16	Silt loam	CL, CL-ML	A-4	0	0	100	100	80-100	45-90	25-35	5-15
	16-34	Silt loam, silty clay loam, loam	CL, CL-ML	A-6, A-4	0	0	100	100	80-100	60-90	25-40	5-15
	34-62	Sandy loam, loamy sand, sand	SM, SP-SM, SC-SM	A-2, A-3, A-1	0	0	90-100	75-100	20-70	5-30	0-20	NP-5
MnB2:												
Matapeake-------	0-16	Silt loam	CL, CL-ML	A-4	0	0	100	100	80-100	45-90	25-30	3-9
	16-34	Silt loam, silty clay loam, loam	CL, CL-ML	A-6, A-4	0	0	100	100	80-100	60-90	25-40	5-15
	34-62	Sandy loam, loamy sand, sand	SM, SP-SM, SC-SM	A-2, A-3, A-1	0	0	90-100	75-100	20-70	5-30	0-20	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	
MnC2:												
Matapeake-------	0-16	Silt loam	CL, CL-ML	A-4	0	0	100	100	80-100	45-90	25-30	5-15
	16-34	Silt loam, silty clay loam, loam	CL, CL-ML	A-6, A-4	0	0	100	100	80-100	60-90	25-40	5-15
	34-62	Sandy loam, loamy sand, sand	SM, SP-SM, SC-SM	A-2, A-3, A-1	0	0	90-100	75-100	20-70	5-30	0-20	NP-5
MnC3:												
Matapeake-------	0-16	Silt loam	CL, CL-ML	A-4	0	0	100	100	80-100	80-100	25-30	5-15
	16-34	Silt loam, silty clay loam, loam	CL, CL-ML	A-6, A-4	0	0	100	100	80-100	80-100	25-40	5-15
	34-62	Sandy loam, loamy sand, sand	SM, SP-SM, SC-SM	A-2, A-3, A-1	0	0	90-100	75-100	20-70	5-30	5-30	NP-5
Ms:												
Matawan---------	0-20	Loamy sand	SM	A-2	0	0	100	100	50-75	15-30	15-30	NP
	20-38	Sandy clay loam, sandy loam, clay loam	CL, ML, SC, SM	A-2, A-4, A-6, A-7	0	0	100	95-100	60-95	30-80	15-45	3-20
	38-60	Stratified sand to clay loam	CL, ML, SC, SM	A-2, A-4, A-6, A-7	0	0	100	95-100	50-95	5-80	15-45	NP-20
MtA:												
Mattapex--------	0-15	Fine sandy loam	ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	80-100	30-65	15-30	NP-10
	15-36	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
	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	SP-SM, SM	A-2	0	0	95-100	90-100	43-85	5-30	0-10	NP

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	
MtB2:												
Mattapex--------	0-15	Fine sandy 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, CL-ML	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, SP-SM	A-2	0	0	95-100	90-100	43-85	5-30	0-10	NP
MuA:												
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, CL-ML	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	SP-SM, SM	A-2	0	0	95-100	90-100	43-85	5-30	0-9	NP
MuB2:												
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, CL-ML	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	SP-SM, SM	A-2	0	0	95-100	90-100	43-85	5-30	0-9	NP
MxC:												
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, CL-ML	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	SP-SM, SM	A-2	0	0	95-100	90-100	43-85	5-30	0-10	NP

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	
OcB:												
Ochlockonee-----	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	100	95-100	65-90	40-70	15-26	NP-5
	9-39	Fine sandy loam, sandy loam, silt loam	CL, ML, SC, SM	A-4	0	0	100	95-100	95-100	36-75	15-32	NP-9
	39-60	Loamy sand, sandy loam, silt loam	CL, ML, SC, SM	A-2, A-4	0	0	100	95-100	85-99	13-80	15-32	NP-9
Or:												
Osier----------	0-12	Loamy sand	SP-SM, SM	A-2	0	0	90-100	85-100	40-75	10-30	10-15	NP-3
	12-48	Sand, loamy sand, loamy fine sand	SM, SP-SM	A-2, A-3	0	0	90-100	70-100	50-90	5-15	5-15	NP
	48-60	Coarse sand, sand, fine sand	SP, SP-SM	A-1, A-2-4, A-3	0	0	95-100	90-100	40-60	2-10	0-14	NP
Os:												
Othello---------	0-9	Fine sandy loam	ML, SM	A-4, A-6	0	0	100	100	70-100	40-95	23-37	NP-13
	9-29	Silty clay loam, silt loam	CL	A-6	0	0	100	100	90-100	70-95	29-40	10-19
	29-50	Sandy loam, loam, sandy clay loam	CL, CL-ML, ML, SM	A-4, A-6	0	0	90-100	85-100	50-90	25-65	15-35	NP-17
	50-72	Sand, loamy sand, loamy fine sand	SM, SP-SM	A-1, A-2	0	0	90-100	85-100	20-50	5-35	10-15	NP-5
Ot:												
Othello---------	0-9	Silt loam	CL-ML, ML, SM, CL	A-4, A-6	0	0	100	100	70-100	40-95	20-35	NP-15
	9-29	Silty clay loam, silt loam	CL	A-6	0	0	100	100	90-100	70-95	29-40	10-19
	29-50	Sandy loam, loam, sandy clay loam	CL, CL-ML, SC, SM	A-4, A-6	0	0	90-100	85-100	50-90	25-65	15-35	NP-17
	50-72	Sand, loamy sand, loamy fine sand	SM, SP-SM	A-1, A-2	0	0	90-100	85-100	20-50	5-35	1-10	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	
RdB2:												
Rumford---------	0-17	Loamy sand	SM	A-1, A-2	0	0	90-100	85-100	45-75	15-30	15-20	NP
	17-37	Fine sandy loam, sandy loam, sandy clay loam	SC, SC-SM, SM	A-2, A-4, A-6	0	0	80-100	75-100	55-85	30-50	15-34	NP-12
	37-60	Stratified sandy loam to gravelly sand	GM, GP, SM, SP	A-1, A-2, A-3, A-4	0	0	50-100	35-100	20-85	2-40	15-25	NP-6
RdC2:												
Rumford---------	0-17	Loamy sand	SM	A-1, A-2	0	0	90-100	85-100	45-75	15-30	15-20	NP
	17-37	Gravelly fine sandy loam, sandy loam, sandy clay loam	SC, SC-SM, SM	A-2, A-4, A-6	0	0	80-100	75-100	55-85	30-50	15-34	NP-12
	37-60	Stratified sandy loam to gravelly sand	GM, GP, SM, SP	A-1, A-2, A-3, A-4	0	0	50-100	35-100	20-85	2-40	15-25	NP-6
RgB2:												
Rumford---------	0-40	Gravelly loamy sand	SM, SP-SM	A-1, A-2	0	0	90-100	55-75	30-55	10-20	0-14	NP
	40-60	Gravelly sand, loamy sand	SM, SP, SP-SM	A-1, A-2, A-3	0	0	90-100	55-85	30-60	4-25	0-14	NP
RgC2:												
Rumford---------	0-40	Gravelly loamy sand	SM, SP-SM	A-1, A-2	0	0	90-100	55-75	30-55	10-20	0-14	NP
	40-60	Gravelly sand, loamy sand	SM, SP, SP-SM	A-1, A-2, A-3	0	0	90-100	55-85	30-60	4-25	0-14	NP
SaE:												
Sandy Land------	0-9	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	Plas-ticity index
	In				Pct	Pct					Pct	
ShA:												
Sassafras-------	0-9	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
ShB2:												
Sassafras-------	0-9	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
ShC2:												
Sassafras-------	0-9	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
ShC3:												
Sassafras-------	0-9	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-4, A-6, A-2	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
ShD2:												
Sassafras-------	0-9	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	
ShD3:												
Sassafras-------	0-9	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
Sx:												
Swamp----------	0-8	Mucky silty clay loam	CH, CL, MH, ML	A-4, A-6, A-7	0	0	100	100	98-100	85-100	30-65	8-30
	8-44	Silty clay, clay, silty clay loam	CH, CL	A-6, A-7	0	0	100	100	98-100	85-100	35-65	15-35
	44-60	Variable			---	---	---	---	---	---	---	---
Tm:												
Tidal Marsh-----	0-7	Silt loam	CL, CL-ML	A-4	0	0	100	100	80-95	60-80	16-28	4-10
	7-40	Sandy loam, loam, silt loam	SC-SM, CL, CL-ML, SC	A-4	0	0	100	100	75-95	45-75	16-28	4-10
	40-72	Sandy loam, loam, sandy clay loam	CL-ML, ML, SC-SM, SM	A-4	0	0	100	100	75-95	45-65	15-25	NP-7
WaB2:												
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

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	
WaC2:												
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
WaC3:												
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
WaD2:												
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
WaD3:												
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

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	
WeB2:												
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
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	SC, SM, SP, SW	A-2, A-3	0	0	65-100	60-100	35-95	0-35	15-30	NP-8
WeC2:												
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	SC, SM, CL, ML	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
Evesboro--------	0-16	Loamy sand	SP, SP-SM	A-3, A-1, A-2	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	SC, SM, SP, SW	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	Plas-ticity index
	In				Pct	Pct					Pct	
WeC3:												
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
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	SC, SM, SP, SW	A-2, A-3	0	0	65-100	60-100	35-95	0-35	15-30	NP-8
WkB2:												
Wickham---------	0-9	Sandy loam	CL, SC	A-2, A-4	---	0-5	85-100	80-100	50-100	25-90	21-28	4-9
	9-36	Silty clay loam, silt loam, loam	CL	A-6	---	0-5	85-100	80-100	70-100	50-95	28-40	11-20
	36-64	Sandy loam, sandy clay loam, gravelly sandy loam	CL, ML, SC, SM	A-2, A-4, A-6, A-7	---	0-10	65-100	50-100	30-90	15-55	10-45	2-20
WkC2:												
Wickham---------	0-9	Sandy loam	CL, SC	A-2, A-4	---	0-5	85-100	80-100	50-100	25-90	21-28	4-9
	9-36	Silty clay loam, silt loam, loam	CL	A-6	---	0-5	85-100	80-100	70-100	50-95	28-40	11-20
	36-64	Sandy loam, sandy clay loam, gravelly sandy loam	CL, ML, SC, SM	A-2, A-4, A-6, A-7	---	0-10	65-100	50-100	30-90	15-55	10-45	2-20

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	
WkD2:												
Wickham---------	0-9	Sandy loam	CL, SC	A-2, A-4	---	0-5	85-100	80-100	50-100	25-90	21-28	4-9
	9-36	Silty clay loam, silt loam, loam	CL	A-6	---	0-5	85-100	80-100	70-100	50-95	28-40	11-20
	36-64	Sandy loam, sandy clay loam, gravelly sandy loam	CL, ML, SC, SM	A-2, A-4, A-6, A-7	---	0-10	65-100	50-100	30-90	15-55	10-45	2-20
WmC3:												
Wickham---------	0-9	Sandy loam	CL, SC	A-2, A-4	---	0-5	85-100	80-100	50-100	25-90	21-28	4-9
	9-36	Silty clay loam, silt loam, loam	CL	A-6	---	0-5	85-100	80-100	70-100	50-95	28-40	11-20
	36-64	Sandy loam, sandy clay loam, gravelly sandy loam	CL, ML, SC, SM	A-2, A-4, A-6, A-7	---	0-10	65-100	50-100	30-90	15-55	10-45	2-20
WmD3:												
Wickham---------	0-9	Sandy loam	CL, SC	A-2, A-4	---	0-5	85-100	80-100	50-100	25-90	21-28	4-9
	9-36	Silty clay loam, silt loam, loam	CL	A-6	---	0-5	85-100	80-100	70-100	50-95	28-40	11-20
	36-64	Sandy loam, sandy clay loam, gravelly sandy loam	CL, ML, SC, SM	A-2, A-4, A-6, A-7	---	0-10	65-100	50-100	30-90	15-55	10-45	2-20
WoA:												
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, ML, 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	SC-SM, SM, SP-SM	A-1, A-2, A-2-4, A-3	0	0	80-100	70-95	35-55	5-25	15-26	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	
WoB2:												
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, ML, 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	SC-SM, SM, SP-SM	A-1, A-2, A-2-4, A-3	0	0	80-100	70-95	35-55	5-25	15-26	NP-6
WoC2:												
Woodstown-------	0-11	Sandy loam	SM, CL-ML, SC-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, ML, 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	SC-SM, SM, SP-SM	A-1, A-2, A-2-4, A-3	0	0	80-100	70-95	35-55	5-25	15-26	NP-6