(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	
AcB:												
Acquango--------	0-3	Sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	3-20	Sand, coarse sand, fine sand	SP-SM, SP	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	20-26	Sand, coarse sand, fine sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	26-72	Sand, coarse sand, fine sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
AcC:												
Acquango--------	0-3	Sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	3-20	Sand, coarse sand, fine sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	20-26	Sand, coarse sand, fine sand	SP-SM, SP	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	26-72	Sand, coarse sand, fine sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
As:												
Askecksy--------	0-10	Loamy sand	SM	A-2, A-3	0	0	100	98-100	60-85	5-20	0-14	NP
	10-34	Sand, loamy sand, loamy fine sand	SM, SP-SM	A-2, A-3	0	0	98-100	98-100	65-97	5-20	0-14	NP
	34-72	Coarse sand, sand, fine sand	SP, SP-SM	A-2-4, A-3, A-1	0	0	98-100	90-100	40-60	2-10	0-14	NP
Be:												
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

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	
Bh:												
Berryland-------	0-12	Mucky loamy sand	SP, SP-SM	A-3	0	0	95-100	90-100	55-90	2-10	0-14	NP
	12-20	Sand, loamy sand	SP, SP-SM	A-2, A-3	0	0	95-100	90-100	55-90	2-10	0-14	NP
	20-30	Sand	SP, SP-SM	A-3	0	0	95-100	90-100	55-90	2-10	0-14	NP
	30-40	Sand, loamy sand	SP-SM, SC-SM, SM, SP	A-1, A-2, A-3	0	0	95-100	80-100	40-90	2-35	0-25	NP-8
	40-72	Stratified sand to sandy loam	SP, SC-SM, SM, SP-SM	A-1, A-2, A-3, A-4	0	0	95-100	80-100	40-90	2-50	---	---
BkA:												
Brockatonorton--	0-3	Sand	SP-SM, SP	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	3-24	Sand, fine sand, coarse sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	24-50	Sand, fine sand, coarse sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	50-60	Mucky peat, muck	PT	A-8	0	0	---	---	---	---	0-14	NP
	60-72	Sand, loamy sand	SP-SM, SP	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
BkB:												
Brockatonorton--	0-3	Sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	3-24	Sand, fine sand, coarse sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	24-50	Sand, fine sand, coarse sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	50-60	Mucky peat, muck	PT	A-8	0	0	---	---	---	---	0-14	NP
	60-72	Sand, loamy sand	SP-SM, SP	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
Br:												
Broadkill-------	0-6	Mucky silt loam	OL, CL-ML, ML	A-4, A-8	0	0	100	100	90-100	75-90	25-35	5-10
	6-38	Silt loam, silty clay loam	CL	A-6, A-7-6	0	0	100	100	75-100	75-92	25-50	15-30
	38-72	Stratified silty clay loam to sand	SC, CL, ML, SM	A-2, A-4, A-6	0	0	100	75-100	70-95	10-85	0-40	NP-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	
BX:												
Boxiron---------	0-14	Mucky peat	PT	A-8	0	0	---	---	---	---	---	NP
	14-30	Silt loam, silty clay loam, mucky silt loam	CL	A-6, A-7	0	0	100	100	70-100	70-90	25-50	15-35
	30-74	Silt loam, silty clay loam	CL	A-6	0	0	100	100	70-100	70-90	20-40	10-25
	74-80	Loamy sand, sand	SP-SM, SM	A-2-4, A-3	0	0	100	75-100	50-80	5-40	---	NP
Broadkill-------	0-6	Mucky silt loam	CL-ML, ML, OL	A-4, A-8	0	0	100	100	90-100	75-90	25-35	5-10
	6-38	Silt loam, silty clay loam	CL	A-6, A-7-6	0	0	100	100	75-100	75-92	25-50	15-30
	38-72	Stratified silty clay loam to sand	CL, ML, SC, SM	A-2, A-4, A-6	0	0	100	75-100	70-95	10-85	0-40	NP-25
CeA:												
Cedartown-------	0-6	Loamy sand	SM, SP-SM	A-2, A-3	0	0	95-100	85-100	40-90	5-25	0-14	NP
	6-14	Loamy sand, sand	SM, SP-SM	A-2, A-3	0	0	95-100	85-100	40-90	5-25	0-14	NP
	14-30	Loamy sand	SP-SM, SM	A-1, A-2	0	0	95-100	95-100	50-90	10-25	0-14	NP
	30-42	Loamy sand, sand	SM, SP-SM	A-2, A-3	0	0	95-100	85-100	40-90	5-25	0-14	NP
	42-64	Sand	SM, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	5-25	0-14	NP
	64-72	Fine sandy loam, silt loam	CL-ML, SC-SM	A-4	0	0	85-100	70-100	70-90	40-85	15-25	5-10
Rosedale--------	0-22	Loamy sand	SM, SP-SM	A-1, A-2	0	0	100	95-100	45-80	10-25	0-20	NP-3
	22-38	Loam	ML, CL, CL-ML	A-4	0	0	85-100	80-100	70-95	50-75	12-32	NP-10
	38-72	Stratified coarse sand to silty clay loam	SM, CL, ML, SC	A-1, A-2, A-4, A-6	0	0	100	95-100	35-98	15-65	0-40	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	
CeB:												
Cedartown-------	0-6	Loamy sand	SP-SM, SM	A-3, A-2	0	0	95-100	85-100	40-90	5-25	0-14	NP
	6-14	Loamy sand, sand	SM, SP-SM	A-2, A-3	0	0	95-100	85-100	40-90	5-25	0-14	NP
	14-30	Loamy sand	SM, SP-SM	A-1, A-2	0	0	95-100	95-100	50-90	10-25	0-14	NP
	30-42	Loamy sand, sand	SP-SM, SM	A-2, A-3	0	0	95-100	85-100	40-90	5-25	0-14	NP
	42-64	Sand	SP-SM, SM	A-1, A-3	0	0	95-100	85-100	40-90	5-25	0-14	NP
	64-72	Fine sandy loam, silt loam	CL-ML, SC-SM	A-4	0	0	85-100	70-100	70-90	40-85	15-25	5-10
Rosedale--------	0-22	Loamy sand	SM, SP-SM	A-1, A-2	0	0	100	95-100	45-80	10-25	0-20	NP-3
	22-38	Loam	CL, CL-ML, ML	A-4	0	0	85-100	80-100	70-95	50-75	12-32	NP-10
	38-72	Stratified coarse sand to silty clay loam	CL, ML, SC, SM	A-1, A-2, A-4, A-6	0	0	100	95-100	35-98	15-65	0-40	NP-20
Ch:												
Chicone---------	0-10	Mucky silt loam	CL-ML, ML, OL	A-4, A-8	0	0	100	100	80-95	70-90	15-25	NP-10
	10-18	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	80-95	70-90	15-25	NP-10
	18-30	Muck, mucky peat	PT	A-8	0	0	---	---	---	---	0-14	NP
	30-72	Sand, loamy sand	SM, SP-SM	A-1, A-2	0	0	80-100	70-100	20-70	5-30	0-20	NP-5
Ek:												
Elkton----------	0-15	Sandy loam	SC-SM, SM	A-4	0	0	100	95-100	70-100	35-50	15-30	NP-10
	15-36	Silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	36-72	Very fine sandy loam	CL, ML, SC	A-4	0	0	100	95-100	85-95	45-75	20-30	NP-10
Em:												
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
EvA:												
Evesboro--------	0-6	Loamy sand	SC-SM, SM	A-1, A-2	0	0	90-100	85-100	40-80	15-30	15-20	NP-5
	6-72	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

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	
EvB:												
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
EvC:												
Evesboro--------	0-8	Loamy sand	SC-SM, SM	A-1, A-2	0	0	90-100	85-100	40-80	15-30	15-20	NP-5
	8-72	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
Fa:												
Fallsington-----	0-15	Sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	65-90	30-60	0-19	NP-5
	15-30	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	0-30	NP-15
	30-72	Stratified sand to sandy clay loam	CL, CL-ML, SM, SP-SM	A-2, A-3, A-4	0	0	95-100	90-100	50-85	5-55	0-30	NP-15
FmA:												
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
	22-47	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
	47-72	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
FmB:												
Fort Mott-------	0-23	Loamy sand	SM, SP-SM	A-2	0	0	90-100	85-100	50-90	10-25	15-20	NP-3
	23-40	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	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

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	
GaA:												
Galestown-------	0-16	Loamy sand	SM, SP-SM	A-1, A-2, A-3	0	0	95-100	75-100	45-70	4-20	0-14	NP
	16-38	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
	38-72	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
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-1, A-2, A-3	0	0	75-100	55-100	30-75	4-10	0-14	NP
GaC:												
Galestown-------	0-22	Loamy sand	SP-SM, 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, SP-SM	A-1, A-2, A-3	0	0	75-100	55-100	30-75	4-10	0-14	NP
HbA:												
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	ML, CL-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	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
	49-72	Stratified fine sandy loam to silty clay loam	CL-ML, CL, 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: 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	
HbB:												
Hambrook--------	0-6	Sandy loam	SM, ML, CL-ML	A-2, A-4	0	0	90-100	85-100	50-95	25-60	15-35	NP-10
	6-10	Loam, sandy loam	ML, CL-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, CL-ML, 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, CL-ML	A-4, A-6	0	0	85-100	70-100	70-90	40-85	15-25	5-15
HmA:												
Hammonton-------	0-15	Loamy sand	SP-SM, SM	A-1, A-2	0	0	90-100	85-100	40-75	10-30	10-15	NP-3
	15-25	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
	25-72	Stratified very gravelly sand to sandy clay loam	SC-SM, SM, SP-SM, GM	A-4, A-1, A-2, A-3	0	0	60-100	45-100	20-80	5-50	10-30	NP-10
HmB:												
Hammonton-------	0-15	Loamy sand	SM, SP-SM	A-1, A-2	0	0	90-100	85-100	40-75	10-30	10-15	NP-3
	15-30	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
	30-72	Stratified very gravelly sand to sandy clay loam	GM, SC-SM, SP-SM, SM	A-1, A-2, A-3, A-4	0	0	60-100	45-100	20-80	5-50	10-30	NP-10
Hu:												
Hurlock---------	0-15	Loamy sand	SP-SM, SM	A-1, A-2	0	0	100	90-100	40-90	10-35	0-15	NP-5
	15-30	Sand, loamy sand	SM, SP-SM	A-1, A-2	0	0	80-100	75-100	20-70	5-30	0-20	NP-5
	30-72	Stratified very fine sandy loam to silty clay loam	CL, CL-ML, ML, SC	A-4, A-6	0	0	90-100	75-95	70-90	40-80	10-30	NP-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	
In:												
Indiantown------	0-25	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	75-90	25-40	5-15
	25-41	Loam, sandy loam, loamy sand	SM, SC-SM	A-2-4, A-4	0	0	100	100	40-80	25-50	5-15	NP-5
	41-72	Loamy sand, sand	SP-SM, SM	A-2-4, A-3	0	0	100	100	20-70	5-30	---	NP
Ke:												
Kentuck---------	0-10	Silt loam	CL, CL-ML	A-4, A-8	0	0	100	100	90-100	75-90	25-40	5-15
	10-16	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	75-90	25-40	5-15
	16-36	Silt loam, silty clay loam	CL	A-6, A-7	0	0	100	100	90-100	75-95	35-45	15-20
	36-72	Fine sand, loamy sand, sand	SM, SP-SM	A-1, A-2, A-3	0	0	100	100	40-80	5-35	0-20	NP-5
KsA:												
Klej----------	0-3	Loamy sand	SM, SP-SM	A-2	0	0	100	95-100	50-95	10-25	0-20	NP
	3-38	Sand, fine sand	SP-SM, SM	A-1, A-2, A-3	0	0	90-100	75-100	40-80	5-20	0-20	NP
	38-72	Sandy loam, sandy clay loam	CL, ML, SM, SC	A-2, A-4, A-6	0	0	90-100	75-100	45-95	20-60	10-30	NP-15
KsB:												
Klej----------	0-8	Loamy sand	SP-SM, SM	A-2	0	0	100	95-100	50-95	10-25	0-20	NP
	8-24	Loamy sand, loamy fine sand	SP-SM, SM	A-2	0	0	100	95-100	50-95	10-25	0-20	NP
	24-72	Sand, fine sand	SM, SP-SM	A-1, A-2, A-3	0	0	90-100	75-100	40-80	5-20	0-20	NP
Ma:												
Manahawkin------	0-42	Peat	PT	A-8	---	---	---	---	---	---	0-14	---
	42-72	Sand, gravelly sand	SP-SM, SW, GW, GP-GM	A-1	0	0	40-100	35-100	20-50	4-10	15-20	NP-3
MC:												
Mannington------	0-6	Silt loam	ML, CL-ML	A-4	0	0	100	100	80-95	70-90	15-20	3-7
	6-40	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
	40-80	Muck, mucky peat	PT	A-8	0	0	---	---	---	---	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	
Nanticoke-------	0-6	Silt loam	CL-ML, ML, OL	A-4	0	0	100	100	80-95	70-90	15-25	NP-10
	6-40	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	80-95	70-90	15-25	NP-10
	40-72	Silty clay loam	CL-ML, CL	A-4, A-6	0	0	100	100	80-95	70-90	15-30	5-15
MeA:												
Matapeake-------	0-7	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	100	80-100	30-65	15-30	2-9
	7-30	Silt loam, silty clay loam, loam	CL, ML	A-6	0	0	100	100	80-100	80-100	27-45	10-22
	30-72	Sandy loam, loamy sand, sand	SP-SM, SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-19	NP-3
MeB:												
Matapeake-------	0-7	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	100	80-100	30-65	15-30	2-9
	7-30	Silt loam, silty clay loam, loam	CL, ML	A-6	0	0	100	100	80-100	80-100	27-45	10-22
	30-72	Sandy loam, loamy sand, sand	SM, SP-SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-19	NP-3
MkA:												
Matapeake-------	0-10	Silt loam	CL, ML, CL-ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	10-32	Silt loam, silty clay loam, loam	ML, CL	A-6	0	0	100	100	80-100	80-100	27-45	10-22
	32-72	Sandy loam, loamy sand, sand	SM, SP-SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-19	NP-3
MkB:												
Matapeake-------	0-10	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	10-32	Silt loam, silty clay loam, loam	CL, ML	A-6	0	0	100	100	80-100	80-100	27-45	10-22
	32-72	Sandy loam, loamy sand, sand	SM, SP-SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-19	NP-3

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	
MpA:												
Mattapex--------	0-8	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
	8-35	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
	35-48	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
	48-72	Sand, loamy sand	SM, SP-SM	A-2	0	0	95-100	90-100	43-85	5-30	0-10	NP
MpB:												
Mattapex--------	0-8	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
	8-35	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
	35-40	Fine sandy loam, loam, loamy sand	ML, CL, SC, SM	A-2, A-4, A-6	0	0	95-100	90-100	45-95	15-75	0-40	NP-18
	40-72	Sand, loamy sand	SP-SM, SM	A-2	0	0	95-100	90-100	43-85	5-30	0-10	NP
MqA:												
Mattapex--------	0-12	Silt loam	CL, CL-ML	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-35	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
	35-40	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
	40-72	Sand, loamy sand	SM, SP-SM	A-2	0	0	95-100	90-100	43-85	5-30	0-10	NP
MqB:												
Mattapex--------	0-12	Silt loam	CL, CL-ML	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	12-35	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
	35-40	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
	40-72	Sand, loamy sand	SM, SP-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	
Mu:												
Mullica---------	0-14	Loamy sand	SP-SM, SM	A-1, A-2	0	0	90-100	85-100	40-75	10-30	10-15	NP-3
	14-72	Stratified gravelly sand to sandy clay loam	SP-SM, SM, SC	A-1-b, A-2-4, A-3, A-6	0	0	70-100	55-100	35-85	5-50	15-30	NP-13
Berryland-------	0-17	Loamy sand	SP-SM, SP	A-3	0	0	95-100	90-100	55-90	2-10	0-14	NP
	17-24	Sand	SP-SM, SP	A-3	0	0	95-100	90-100	55-90	2-10	0-14	NP
	24-44	Sand, loamy sand	SC-SM, SM, SP, SP-SM	A-1, A-2, A-3	0	0	95-100	80-100	40-90	2-35	0-25	NP-8
	44-72	Stratified sand to sandy loam	SC-SM, SM, SP, SP-SM	A-1, A-2, A-3, A-4	0	0	95-100	80-100	40-90	2-50	---	---
NnA:												
Nassawango------	0-8	Fine sandy loam	CL-ML, SC-SM	A-4	0	0	85-100	70-100	70-90	40-85	20-33	3-9
	8-27	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	80-100	80-100	27-45	10-22
	27-34	Silt loam, loam	CL-ML, ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	34-72	Loamy sand, sand	SP-SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-15	NP
NnB:												
Nassawango------	0-8	Fine sandy loam	CL-ML, SC-SM	A-4	0	0	85-100	70-100	70-90	40-85	20-33	3-9
	8-27	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	80-100	80-100	27-45	10-22
	27-34	Silt loam, loam	CL-ML, ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	34-72	Loamy sand, sand	SP-SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-15	NP
NsA:												
Nassawango------	0-10	Silt loam	CL-ML, SC-SM	A-4	0	0	85-100	70-100	70-90	40-85	20-33	3-9
	10-14	Silt loam	CL-ML, ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	14-30	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	80-100	80-100	27-45	10-22
	30-36	Silt loam, loam	CL-ML, ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	36-60	Loamy sand, sand	SP-SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-15	NP
	60-72	Fine sandy loam, sandy loam, silt loam	CL-ML, ML, SM	A-4	0	0	85-100	70-95	50-90	40-85	15-30	2-9

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	
NsB:												
Nassawango------	0-14	Silt loam	CL-ML, SC-SM	A-4	0	0	85-100	70-100	70-90	40-85	20-33	3-9
	14-30	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	80-100	80-100	27-45	10-22
	30-36	Silt loam, loam	CL-ML, ML	A-4	0	0	100	100	80-100	80-100	20-33	3-9
	36-43	Loamy sand, sand	SP-SM	A-2, A-3, A-4	0	0	95-100	90-100	55-70	5-40	0-15	NP
	43-72	Fine sandy loam, sandy loam, silt loam	CL-ML, ML, SM	A-4	0	0	85-100	70-95	50-90	40-85	15-30	2-9
Ot:												
Othello---------	0-12	Silt loam	CL, CL-ML, ML, SM	A-4, A-6	0	0	100	100	70-100	40-95	20-35	NP-15
	12-28	Silty clay loam, silt loam	CL	A-6	0	0	100	100	90-100	70-95	29-40	10-19
	28-33	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
	33-72	Sand, loamy sand, loamy fine sand	SM, SP-SM	A-1, A-2	0	0	90-100	85-100	20-50	5-35	0-10	NP-5
Othello---------	0-9	Silt loam	CL, CL-ML, ML, SM	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	0-10	NP-5
Pk:												
Puckum----------	0-40	Mucky peat	PT	A-8	0	0	---	---	---	---	---	---
	40-80	Muck, mucky peat	PT	A-8	0	0	---	---	---	---	---	---

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	
Pu:												
Purnell---------	0-13	Peat	PT	A-8	0	0	---	---	---	---	---	NP
	13-18	Sand, loamy sand	SM, SP-SM	A-2-4, A-3	0	0	95-100	85-100	50-80	5-40	---	NP
	18-72	Sand, loamy sand, coarse sand	SM, SP	A-1, A-2-4, A-3	0	0	95-100	85-100	35-70	0-25	---	NP
RoA:												
Rosedale--------	0-22	Loamy sand	SM, SP-SM	A-1, A-2	0	0	100	95-100	45-80	10-25	0-20	NP-3
	22-38	Loam	CL, CL-ML, ML	A-4	0	0	85-100	80-100	70-95	50-75	12-32	NP-10
	38-72	Stratified coarse sand to silty clay loam	CL, ML, SC, SM	A-1, A-2, A-4, A-6	0	0	100	95-100	35-98	15-65	0-40	NP-20
RoB:												
Rosedale--------	0-23	Loamy sand	SM, SP-SM	A-1, A-2	0	0	100	95-100	45-80	10-25	0-20	NP-3
	23-40	Loam	CL, CL-ML, ML	A-4	0	0	85-100	80-100	70-95	50-75	12-32	NP-10
	40-48	Sandy loam, fine sandy loam, sandy clay loam	SC, SC-SM, SM	A-2, A-4	0	0	100	95-100	50-85	15-25	0-30	NP-10
	48-72	Stratified coarse sand to silty clay loam	CL, ML, SC, SM	A-1, A-2, A-4, A-6	0	0	100	95-100	35-98	15-65	0-40	NP-20
RuA:												
Runclint--------	0-18	Loamy sand	SM, SP-SM	A-2, A-3	0	0	90-100	70-100	50-90	5-15	0-14	NP
	18-32	Sand, loamy sand	SM, SP-SM	A-3, A-2	0	0	90-100	70-100	50-90	5-15	0-14	NP
	32-66	Sand, loamy sand, gravelly sand	SP, SP-SM	A-1, A-2, A-3	0	0	55-100	50-100	20-80	0-15	0-14	NP
	66-72	Stratified sand to gravelly sandy clay loam	CL-ML, SC-SM, SP-SM	A-2, A-3, A-4	0	0	80-100	50-100	50-90	5-55	0-30	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	
RuB:												
Runclint--------	0-8	Loamy sand	SM, SP-SM	A-2, A-3	0	0	90-100	70-100	50-90	5-15	0-14	NP
	8-50	Sand, loamy sand	SM, SP-SM	A-2, A-3	0	0	90-100	70-100	50-90	5-15	0-14	NP
	50-60	Sand, loamy sand, gravelly sand	SP, SP-SM	A-1, A-2, A-3	0	0	55-100	50-100	20-80	0-15	0-14	NP
	60-72	Stratified sand to gravelly sandy clay loam	CL-ML, SC-SM, SP-SM	A-2, A-3, A-4	0	0	80-100	50-100	50-90	5-55	0-30	NP-10
SaA:												
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	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, SC-SM, 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
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	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, SC-SM, 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
SaC:												
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	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, 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

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	
Su:												
Sunken----------	0-6	Mucky silt loam	OL, ML	A-4, A-8	0	0	100	100	95-100	85-100	20-35	NP-10
	6-18	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	85-100	20-30	5-15
	18-38	Silty clay loam, silt loam	CL	A-6	0	0	100	100	95-100	85-100	30-40	10-20
	38-65	Very fine sandy loam, fine sandy loam	CL-ML, ML, SM	A-4	0	0	100	100	80-100	40-90	15-35	NP-10
	65-72	Fine sand, loamy fine sand, loamy sand	SM, SP-SM	A-2, A-3, A-4	0	0	100	100	60-90	5-40	0-14	NP
Tk:												
Transquaking----	0-6	Mucky peat	PT	A-8	0	0	---	---	---	---	0-14	NP
	6-48	Mucky peat, muck	PT	A-8	0	0	---	---	---	---	0-14	NP
	48-66	Muck, mucky peat	PT	A-8	0	0	---	---	---	---	0-14	NP
	66-80	Silty clay, silty clay loam	CH, CL	A-6, A-7	0	0	100	100	80-100	70-95	35-60	20-35
TP:												
Transquaking----	0-6	Peat	PT	A-8	0	0	---	---	---	---	0-14	NP
	6-48	Mucky peat, muck	PT	A-8	0	0	---	---	---	---	0-14	NP
	48-66	Muck, mucky peat	PT	A-8	0	0	---	---	---	---	0-14	NP
	66-80	Silty clay, silty clay loam	CH, CL	A-6, A-7	0	0	100	100	80-100	70-95	35-60	20-35
Mispillion------	0-40	Peat	PT	A-8	---	---	---	---	---	---	0-0	---
	40-80	Loam, silty clay loam, silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	80-95	70-90	15-30	5-15
Uc:												
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	
Acquango--------	0-3	Sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	3-20	Sand, coarse sand, fine sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	20-26	Sand, coarse sand, fine sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	26-72	Sand, coarse sand, fine sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
Um:												
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Askecksy--------	0-10	Loamy sand	SM	A-2, A-3	0	0	100	98-100	60-85	5-20	0-14	NP
	10-34	Sand, loamy sand, loamy fine sand	SM, SP-SM	A-2, A-3	0	0	98-100	98-100	65-97	5-20	0-14	NP
	34-72	Coarse sand, sand, fine sand	SP, SP-SM	A-1, A-2-4, A-3	0	0	98-100	90-100	40-60	2-10	0-14	NP
Un:												
Brockatonorton--	0-3	Sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	3-24	Sand, fine sand, coarse sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	24-50	Sand, fine sand, coarse sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
	50-60	Mucky peat, muck	PT	A-8	0	0	---	---	---	---	0-14	NP
	60-72	Sand, loamy sand	SP, SP-SM	A-1, A-3	0	0	95-100	85-100	40-90	0-10	0-14	NP
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Ur:												
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Ut:												
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	
Udorthents------	0-8	Gravelly loamy sand, loamy sand	SM, SP, SP-SM	A-1, A-2, A-3	0	0	75-100	60-90	40-85	0-25	0-14	NP
	8-12	Very gravelly sandy loam, very gravelly loamy sand, very gravelly sand	SP, GC, GP, GW	A-1, A-2-4, A-2-6	0	5-15	40-60	30-55	15-40	0-20	20-38	5-15
	12-72	Stratified sand to loam	ML, SM, SP-SM	A-2, A-3, A-4, A-6	0	0	90-100	90-100	60-95	5-60	15-30	NP-15
Uz:												
Udorthents------	0-8	Gravelly loamy sand, loamy sand	SM, SP, SP-SM	A-1, A-2, A-3	0	0	75-100	60-90	40-85	0-25	0-14	NP
	8-12	Very gravelly sandy loam, very gravelly loamy sand, very gravelly sand	GC, GP, GW, SP	A-1, A-2-4, A-2-6	0	5-15	40-60	30-55	15-40	0-20	20-38	5-15
	12-72	Stratified sand to loam	ML, SM, SP-SM	A-2, A-3, A-4, A-6	0	0	90-100	90-100	60-95	5-60	15-30	NP-15
W:												
Water----------	---	---	---	---	---	---	---	---	---	---	---	---
WdA:												
Woodstown-------	0-10	Sandy loam	CL-ML, SC-SM, SM	A-2, A-4	0	0	90-100	80-100	60-95	30-75	0-28	NP-7
	10-37	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	0-32	NP-20
	37-72	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	0-26	NP-6
WdB:												
Woodstown-------	0-10	Sandy loam	CL-ML, SC-SM, SM	A-2, A-4	0	0	90-100	80-100	60-95	30-75	0-28	NP-7
	10-37	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	0-32	NP-20
	37-72	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	0-26	NP-6

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	
Zk:												
Zekiah----------	0-3	Silt loam	CL-ML, ML	A-4	0	0	100	100	70-100	45-100	15-25	NP-10
	3-20	Silt loam, loam	CL-ML, ML	A-4	0	0	100	100	70-100	45-100	15-25	NP-10
	20-27	Mucky loam, loam, sandy loam	ML, SM	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	SM, SP-SM	A-1, A-2-4, A-3	0	0	90-100	75-100	35-70	5-25	---	NP-5