

(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	
Ba: Bayboro-----	0-14	Loam	CL, CL-ML, ML	A-4, A-6, A-7	0	0	100	100	85-100	60-80	25-42	3-20
	14-64	Clay loam, sandy clay, clay	CH, CL	A-6, A-7	0	0	100	100	85-100	55-95	35-70	20-40
Bo: Borrow Pits-----	0-10	Coarse sand	SP, SW	A-1, A-3	0	0	100	80-100	30-60	0-5	---	NP
	10-60	Coarse sand, sand, gravelly coarse sand	SP, SW	A-1, A-3	0	0	80-100	50-100	20-60	0-5	---	NP
Co: Coastal Beaches-	0-6	Fine sand	SP	A-1, A-3	0	0	100	75-100	5-85	0-5	---	NP
	6-60	Coarse sand, sand, fine sand	SP	A-1, A-3	0	0	100	75-100	5-85	0-5	---	NP
El: Elkton-----	0-9	Sandy loam	CL-ML, ML, SC-SM, SM	A-4, A-2	0	0	95-100	90-100	65-90	30-60	15-19	NP-5
	9-21	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
	21-84	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
Em: Elkton-----	0-9	Silt loam	CL-ML, ML	A-4, A-6	0	0	100	100	90-100	50-95	20-35	NP-11
	9-21	Silty clay loam, silty clay	CL	A-6, A-7	0	0	100	100	95-100	85-95	0-50	10-35
	21-84	Very fine sandy loam	CL	A-4	0	0	100	95-100	85-95	45-75	15-30	5-10
Eo: Evesboro-----	0-16	Sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	10-15	NP-2
	16-30	Sand, loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	10-15	NP-2
	30-72	Stratified sand to sandy loam	SM, SP, SP- SM, SW	A-1, A-2, A-3	0	0	75-100	65-100	35-95	0-35	10-15	NP-3

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	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
EsB: Evesboro-----	0-16	Loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	10-15	NP-2
	16-30	Sand, loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	10-15	NP-2
	30-72	Stratified sand to sandy loam	SM, SP, SP- SM, SW	A-1, A-2, A-3	0	0	75-100	65-100	35-95	0-35	10-15	NP-3
EsD: Evesboro-----	0-16	Loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	10-15	NP-2
	16-30	Sand, loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	10-15	NP-2
	30-72	Stratified sand to sandy loam	SM, SP, SP- SM, SW	A-1, A-2, A-3	0	0	75-100	65-100	35-95	0-35	10-15	NP-3
Ev: Evesboro-----	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
Fa: Fallsington-----	0-11	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
	11-27	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
	27-60	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
Fs: Fallsington-----	0-11	Loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	90-100	65-90	40-70	15-20	NP-10
	11-27	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
	27-60	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
Jo: Johnston-----	0-30	Loam	ML, SM	A-2, A-4	0	0	100	100	60-100	18-65	15-35	NP-10
	30-34	Stratified loamy sand to sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-100	5-30	---	NP
	34-60	Stratified fine sandy loam to sandy loam	SM	A-2, A-4	0	0	100	100	50-100	25-49	15-35	NP-10

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	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
Ka: Keyport-----	0-10	Sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	95-100	95-100	60-85	30-50	15-30	NP-8
	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
	60-72	Stratified clay to loamy sand	CL, CL-ML, SC, SC-SM	A-2, A-4, A- 6, A-7	0	0	95-100	95-100	60-95	25-85	15-55	NP-30
Ke: Keyport-----	0-10	Silt loam	CL, CL-ML, 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
	60-72	Stratified clay to loamy sand	CL, CL-ML, SC, SC-SM	A-2, A-4, A- 6, A-7	0	0	95-100	95-100	60-95	25-85	15-55	NP-30
Kl: Klej-----	0-6	Loamy sand	SM, SP-SM	A-2	0	0	100	95-100	50-95	10-25	15-20	NP
	6-20	Loamy sand, loamy fine sand	SM, SP-SM	A-2	0	0	100	95-100	50-95	10-25	15-20	NP
	20-60	Sand, fine sand	SM, SP-SM	A-1, A-2, A-3	0	0	90-100	75-100	40-80	5-20	15-20	NP
Md: Made Land-----	0-6	Variable			---	---	---	---	---	---	---	---
MeA: Matapeake-----	0-16	Silt loam	CL, CL-ML, 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
MeB: Matapeake-----	0-16	Silt loam	CL, CL-ML, 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

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	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
MeC2: Matapeake-----	0-16	Silt loam	CL, CL-ML, 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
Mt: Mattapex-----	0-17	Silt loam	CL, CL-ML	A-4	0	0	95-100	90-100	80-100	80-100	15-30	5-15
	17-32	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
	32-60	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
Mv: Mixed Alluvial Land-----	0-3	Loam	ML	A-4	0	0	90-100	90-100	75-90	50-65	20-25	NP-5
	3-60	Stratified gravelly coarse sand to loam	SM	A-1, A-2	0	0	80-95	80-95	45-70	20-35	---	NP
Ot: Othello-----	0-8	Silt loam	ML, SM	A-4, A-6	0	0	100	100	70-100	40-95	23-37	NP-13
	8-28	Silty clay loam, silt loam	CL	A-6	0	0	100	100	90-100	70-95	29-40	10-19
	28-72	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
Pl: Plummer-----	0-50	Loamy sand	SM	A-2-4	0	0	100	100	75-96	13-26	---	NP
	50-72	Sandy loam, sandy clay loam, fine sandy loam	SC, SC-SM, SM	A-2-4, A-4	0	0	100	97-100	76-96	20-48	15-30	NP-10

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	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
Pm: Pocomoke-----	0-10	Sandy loam	CL-ML, SM	A-2, A-4	0	0	85-100	85-100	30-75	20-50	19-40	3-10
	10-28	Sandy loam, fine sandy loam, loam	ML, SM	A-2, A-4	0	0	85-100	85-100	40-85	5-65	15-40	NP-15
	28-40	Loamy sand	SM, SP-SM	A-1, A-2	0	0	80-100	70-100	30-75	10-25	10-22	NP-8
	40-60	Stratified sandy clay loam to sand	CL-ML, SC, SM	A-2, A-3, A-4	0	0	80-100	65-100	30-90	4-55	15-38	NP-15
Po: Pocomoke-----	0-10	Loam	CL-ML, SM	A-2, A-4	0	0	85-100	85-100	30-75	20-50	19-40	3-10
	10-28	Sandy loam, fine sandy loam, loam	ML, SM	A-2, A-4	0	0	85-100	85-100	40-85	5-65	15-40	NP-15
	28-40	Loamy sand	SM, SP-SM	A-1, A-2	0	0	80-100	70-100	30-75	10-25	10-22	NP-8
	40-60	Stratified sandy clay loam to sand	CL-ML, SC, SM	A-2, A-3, A-4	0	0	80-100	65-100	30-90	4-55	15-38	NP-15
RuA: 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
RuB: 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

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	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
RuC2: 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
RuC3: 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	SM, SC, SC-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
RuD: 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
SaA: 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
SaB: 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		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
SaC2: 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
SaC3: 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
SaD2: 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
SfA: Sassafras-----	0-9	Loam	CL, CL-ML, ML	A-4	0	0	85-100	80-100	70-95	50-75	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
SfB: Sassafras-----	0-9	Loam	CL, CL-ML, ML	A-4	0	0	85-100	80-100	70-95	50-75	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		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
SfC2: Sassafras-----	0-9	Loam	CL, CL-ML, ML	A-4	0	0	85-100	80-100	70-95	50-75	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
SvE: 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
Evesboro-----	0-16	Loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	10-15	NP-2
	16-30	Sand, loamy sand	SP, SP-SM	A-1, A-2, A-3	0	0	90-100	85-100	40-90	0-12	10-15	NP-2
	30-72	Stratified sand to sandy loam	SM, SP, SP- SM, SW	A-1, A-2, A-3	0	0	75-100	65-100	35-95	0-35	10-15	NP-3
Sw: Swamp-----	0-39	Muck	PT	A-8	---	---	---	---	---	---	---	---
	39-60	Sand, gravelly sand	GP-GM, GW, SP-SM, SW	A-1, A-2	0	0	40-100	35-100	20-50	4-10	15-20	NP-3
Tm: Tidal Marsh-----	0-6	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	98-100	70-100	50-95	20-40	NP-20
	6-40	Loam, silt loam, silty clay loam	CL	A-4, A-6, A-7	0	0	100	98-100	85-100	60-95	25-45	7-25
	40-60	Stratified coarse sand to silty clay loam	CL, ML, SC, SM	A-1, A-2, A- 4, A-6	0	0	100	75-100	35-100	5-95	15-40	NP-20

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	
Wo: 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
	29-60	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
Ws: Woodstown-----	0-11	Loam	CL-ML, ML, SC-SM, SM	A-4, A-6	0	0	90-100	85-100	60-95	30-75	15-30	NP-11
	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
	29-60	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

