

(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	
Bd: Berryland-----	0-12	Loamy sand	SP, SP-SM	A-3	0	0	95-100	90-100	55-90	2-10	---	NP
	12-20	Sand, loamy sand	SP, SP-SM	A-2, A-3	0	0	95-100	90-100	55-90	2-10	---	NP
	20-30	Sand	SP, SP-SM	A-3	0	0	95-100	90-100	55-90	2-10	---	NP
	30-40	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	15-25	NP-8
	40-72	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	---	---
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: Dune Land-----	0-6	Fine sand	SM, SP, SP-SM	A-2, A-3	0	0	100	100	60-80	0-25	---	NP
	6-60	Sand, fine sand	SM, SP, SP-SM	A-2, A-3	0	0	100	100	50-80	0-25	---	NP
Coastal Beach---	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-----	0-10	Sandy loam	SC, SC-SM, SM	A-4	0	0	100	95-100	70-100	35-50	20-30	NP-15
	10-24	Silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	24-40	Silty clay loam, silty clay	CL	A-6, A-7	0	0	100	100	95-100	85-95	0-50	10-35
	40-60	Very fine sandy loam	CL	A-4	0	0	100	95-100	85-95	45-75	15-30	5-10
Em: Elkton-----	0-10	Loam	ML	A-4	0	0	100	100	90-100	50-95	20-35	NP-10
	10-24	Silty clay loam	CL	A-6	0	0	100	100	90-100	85-95	25-40	10-20
	24-40	Silty clay loam, silty clay	CL	A-6, A-7	0	0	100	100	95-100	85-95	0-50	10-35
	40-60	Very fine sandy loam	CL	A-4	0	0	100	95-100	85-95	45-75	15-30	5-10

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	
EoB: 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	SP, SP-SM, SW, SM	A-1, A-2, A-3	0	0	75-100	65-100	35-95	0-35	10-15	NP-3
EoD: 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
EsD: Evesboro-----	0-16	Loamy sand	SP, SP-SM	A-3, A-1, A-2	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
EvA: 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
EvB: 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

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	
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
Ft: Fill Land-----	0-60	Variable			---	---	---	---	---	---	---	---
Jo: Johnston-----	0-30	Mucky loam	CL-ML, ML, OL	A-4, A-5, A-6	0	0	100	100	90-100	51-75	20-45	2-14
	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
Ka: Kalmia-----	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
KbA: Kenansville-----	0-24	Loamy sand	SP-SM, SM	A-2, A-1	0	0	100	95-100	45-99	10-25	---	NP
	24-36	Sandy loam, fine sandy loam, sandy clay loam	SM, SC-SM, SC	A-4, A-2	0	0	100	95-100	50-99	25-45	15-30	NP-10
	36-80	Sand, loamy sand, loamy fine sand	SP-SM, SM	A-2, A-1, A-3	0	0	100	95-100	40-99	5-30	---	NP

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	
KbB: Kenansville-----	0-24	Loamy sand	SP-SM, SM	A-1, A-2	0	0	100	95-100	45-99	10-25	---	NP
	24-36	Sandy loam, fine sandy loam, sandy clay loam	SC, SM, SC-SM	A-4, A-2	0	0	100	95-100	50-99	25-45	15-30	NP-10
	36-80	Sand, loamy sand, loamy fine sand	SP-SM, SM	A-3, A-2, A-1	0	0	100	95-100	40-99	5-30	---	NP
KfA: Keyport-----	0-10	Fine sandy loam	SM, SC-SM, SC	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, ML, MH, CL	A-7, A-6	0	0	95-100	95-100	85-100	70-95	35-55	10-30
	60-72	Stratified clay to loamy sand	SC, SC-SM, CL-ML, CL	A-2, A-7, A- 6, A-4	0	0	95-100	95-100	60-95	25-85	15-55	NP-30
KfB2: Keyport-----	0-10	Fine sandy loam	SM, SC-SM, SC	A-4, A-2	0	0	95-100	95-100	60-85	30-50	15-30	NP-8
	10-60	Silty clay loam, clay loam, clay	CL, CH, ML, MH	A-7, A-6	0	0	95-100	95-100	85-100	70-95	35-55	10-30
	60-72	Stratified clay to loamy sand	SC-SM, CL, CL-ML, SC	A-2, A-4, A- 6, A-7	0	0	95-100	95-100	60-95	25-85	15-55	NP-30
Kl: Klej-----	0-9	Loamy sand	SP-SM, SM	A-2	0	0	100	95-100	50-95	10-25	15-20	NP
	9-39	Loamy sand, loamy fine sand	SP-SM, SM	A-2	0	0	100	95-100	50-95	10-25	15-20	NP
	39-47	Sand, fine sand	SP-SM, SM	A-2, A-3, A-1	0	0	90-100	75-100	40-80	5-20	15-20	NP
	47-60	Sandy loam, sandy clay loam	SM, SC, ML, CL	A-6, A-4, A-2	0	0	90-100	75-100	45-95	20-60	15-45	NP-18
Mm: 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	SM, SC, ML, CL	A-7, A-6, A- 4, A-2	0	0	100	95-100	60-95	30-80	15-45	3-20
	38-60	Stratified sand to clay loam	SM, SC, ML, CL	A-7, A-6, A- 4, A-2	0	0	100	95-100	50-95	5-80	15-45	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	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
Mn: Matawan-----	0-20	Sandy loam	SM, SC-SM, ML	A-4, A-2	0	0	100	100	60-85	30-55	15-30	NP-6
	20-38	Sandy clay loam, sandy loam, clay loam	SC, SM, ML, CL	A-4, A-7, A- 6, A-2	0	0	100	95-100	60-95	30-80	15-45	3-20
	38-60	Stratified sand to clay loam	CL, SC, ML, SM	A-4, A-6, A- 2, A-7	0	0	100	95-100	50-95	5-80	15-45	NP-20
Mu: Muck-----	0-39		PT	A-8	---	---	---	---	---	---	---	---
	39-60	Sand, gravelly sand	SW, SP-SM, GW, GP-GM	A-1, A-2	0	0	40-100	35-100	20-50	4-10	15-20	NP-3
Os: Osier-----	0-8	Loamy sand	SP	A-2, A-3	0	0	100	98-100	60-85	5-12	---	NP
	8-48	Sand, loamy sand, loamy fine sand	SM	A-2, A-3	0	0	100	95-100	65-96	5-20	---	NP
	48-75	Coarse sand, sand, fine sand	SP, SP-SM	A-3, A-1, A- 2-4	0	0	100	90-100	40-60	2-10	---	NP
Pm: Pocomoke-----	0-10	Sandy loam	SM, CL-ML	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-4, A-2	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
Pt: Portsmouth-----	0-19	Loam	ML, SC-SM, SM	A-2, A-4	0	0	98-100	98-100	65-95	30-65	15-30	NP-7
	19-35	Loam, sandy clay loam, clay loam	CL, SC, CL-ML	A-6, A-4	0	0	98-100	98-100	75-95	36-70	18-40	7-18
	35-38	Loamy sand, sandy loam	SM	A-2	0	0	98-100	98-100	50-70	13-35	15-18	NP-4
	38-72	Stratified coarse sand to loamy sand	SP-SM, SP, SM	A-3, A-1, A-2	0	0	98-100	98-100	45-65	3-25	---	NP

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	
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	SM, SC, SC-SM	A-6, A-4, A-2	0	0	80-100	75-100	55-85	30-50	15-34	NP-12
	37-60	Stratified sandy loam to gravelly sand	SM, GP, GM, SP	A-2, A-1, 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-SM, SC, SM	A-6, A-2, A-4	0	0	80-100	75-100	55-85	30-50	15-34	NP-12
	37-60	Stratified sandy loam to gravelly sand	GP, SM, SP, GM	A-1, A-4, A- 3, A-2	0	0	50-100	35-100	20-85	2-40	15-25	NP-6
RuC: Rumford-----	0-17	Loamy sand	SM	A-2, A-1	0	0	90-100	85-100	45-75	15-30	15-20	NP
	17-37	Fine sandy loam, sandy loam, sandy clay loam	SC-SM, SM, SC	A-6, A-4, A-2	0	0	80-100	75-100	55-85	30-50	15-34	NP-12
	37-60	Stratified sandy loam to gravelly sand	SP, SM, GP, GM	A-4, A-1, A- 2, A-3	0	0	50-100	35-100	20-85	2-40	15-25	NP-6
Ry: Rutlege-----	0-18	Loamy sand	SP-SM, SM	A-2, A-3	0	0	95-100	95-100	50-80	5-35	15-25	NP
	18-60	Sand, loamy sand, loamy fine sand	SP-SM, SP, SM	A-3, A-2	0	0	95-100	95-100	50-80	2-25	15-20	NP
SaA: Sassafras-----	0-9	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, 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, SM, SP- SM, SC-SM	A-1, A-4, A- 3, A-2	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	
SaB: Sassafras-----	0-9	Sandy loam	SC, SC-SM, SM	A-4, A-2	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-6, A-4, A-2	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	40-70	Stratified sand to gravelly sandy loam	SM, SP-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
SaC2: Sassafras-----	0-9	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	CL, CL-ML, SC, SC-SM	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
SaD: Sassafras-----	0-9	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, 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-SM, SM, SP-SM, SC	A-3, A-4, A- 2, A-1	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, SC-SM, SC, CL-ML	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	SP-SM, SM, SC-SM, SC	A-3, A-1, A- 2, A-4	0	0	70-100	50-100	30-90	5-55	15-26	NP-8
SfB: Sassafras-----	0-9	Loam	CL-ML, ML, CL	A-4	0	0	85-100	80-100	70-95	50-75	12-32	NP-10
	9-40	Loam, sandy clay loam, sandy loam	SC-SM, CL, CL-ML, SC	A-6, A-4, A-2	0	0	85-100	80-100	50-95	25-75	20-33	5-15
	40-70	Stratified sand to gravelly sandy loam	SM, SC, SP- SM, SC-SM	A-4, A-3, A- 2, A-1	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	
Sw: Swamp-----	0-4	Mucky peat	PT	A-8	0	0	---	---	---	---	---	---
	4-80	Muck, mucky peat	PT	A-8	0	0	---	---	---	---	---	---
Tf: Tidal Marsh----	0-10	Silt loam	CL-ML, ML, OL	A-4	0	0	100	100	80-95	70-90	15-25	NP-10
	10-24	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	80-95	70-90	15-25	NP-10
	24-80	Silty clay loam	CL-ML, CL	A-6, A-4	0	0	100	100	80-95	70-90	15-30	5-15
Tm: Tidal Marsh----	0-6	Silt loam	CL, ML, CL-ML	A-6, A-4	0	0	100	98-100	70-100	50-95	20-40	NP-20
	6-40	Loam, silt loam, silty clay loam	CL	A-7, A-6, A-4	0	0	100	98-100	85-100	60-95	25-45	7-25
	40-60	Stratified coarse sand to silty clay loam	SM, SC, ML, CL	A-6, A-4, A- 2, A-1	0	0	100	75-100	35-100	5-95	15-40	NP-20
Wo: Woodstown-----	0-11	Sandy loam	SM, SC-SM, CL-ML	A-4, A-2	0	0	90-100	80-100	60-95	30-75	15-28	NP-7
	11-29	Sandy clay loam, loam, sandy loam	CL, SM, ML, CL-ML	A-6, A-4, A-2	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-3, A-2-4, A-2, A-1	0	0	80-100	70-95	35-55	5-25	15-26	NP-6
Ws: Woodstown-----	0-11	Loam	SM, SC-SM, CL-ML, ML	A-4	0	0	90-100	85-100	60-95	30-75	15-30	NP-10
	11-29	Sandy clay loam, loam, sandy loam	CL, CL-ML, ML, SM	A-6, A-4, A-2	0	0	90-100	70-100	45-90	25-60	15-32	NP-20
	29-60	Stratified gravelly sand to sandy loam	SP-SM, SC-SM, SM	A-3, A-1, A- 2, A-2-4	0	0	80-100	70-95	35-55	5-25	15-26	NP-6

