Engineering Index Properties

Fayette County, Alabama

NOTE: Absence of an entry indicates that the data were not estimated.

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	
At:												
Atkins----------	0-12	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	98-100	85-100	50-97	17-40	4-15
	12-60	Loam, clay loam, sandy clay loam	CL	A-4, A-6, A-7	0	0	100	95-100	75-100	60-95	20-45	8-22
	60-72	Variable			0	0	---	---	---	---	---	---
Bb:												
Bibb----------	0-12	Loam	CL-ML, ML	A-4	0	0-5	95-100	90-100	80-90	50-80	0-25	NP-7
	12-60	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	0-30	NP-7
Bc:												
Bibb----------	0-12	Loam	CL-ML, ML	A-4	0	0-5	95-100	90-100	80-90	50-80	0-25	NP-7
	12-60	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	0-30	NP-7

Engineering Index Properties, cont.

Fayette County, Alabama

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	
EcB3:												
Enders----------	0-2	Loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	65-100	40-70	20-35	5-14
	2-5	Fine sandy loam, loam, silt loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	70-100	40-90	20-35	5-14
	5-8	Clay loam, silty clay loam, gravelly silty clay	CL, SC	A-6, A-7	0	0	80-100	50-100	45-100	35-95	35-50	15-27
	8-39	Silty clay, clay, gravelly silty clay loam	CH, CL, SC	A-7	0	0	95-100	50-100	45-100	35-95	40-65	20-40
	39-46	Silty clay, channery silty clay, clay	CH, CL, GC, SC	A-2, A-7	0	0-10	55-100	25-90	25-90	20-90	45-65	25-40
	46-62	Weathered bedrock			0	---	---	---	---	---	0-14	---
EcC3:												
Enders----------	0-2	Loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	65-100	40-70	20-35	5-14
	2-5	Fine sandy loam, loam, silt loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	70-100	40-90	20-35	5-14
	5-8	Clay loam, silty clay loam, gravelly silty clay	CL, SC	A-6, A-7	0	0	80-100	50-100	45-100	35-95	35-50	15-27
	8-39	Silty clay, clay, gravelly silty clay loam	CH, SC, CL	A-7	0	0	95-100	50-100	45-100	35-95	40-65	20-40
	39-46	Silty clay, channery silty clay, clay	CH, GC, SC, CL	A-2, A-7	0	0-10	55-100	25-90	25-90	20-90	45-65	25-40
	46-62	Weathered bedrock			0	---	---	---	---	---	0-14	---

Engineering Index Properties, cont.

Fayette County, Alabama

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	
EcD3:												
Enders----------	0-2	Loam	CL-ML, SC, SC-SM, CL	A-4, A-6	0-5	0-5	80-100	75-100	65-100	40-70	20-35	5-14
	2-5	Fine sandy loam, loam, silt loam	CL-ML, SC, SC-SM, CL	A-4, A-6	0-5	0-5	80-100	75-100	70-100	40-90	20-35	5-14
	5-8	Clay loam, silty clay loam, gravelly silty clay	CL, SC	A-6, A-7	0	0	80-100	50-100	45-100	35-95	35-50	15-27
	8-39	Silty clay, clay, gravelly silty clay loam	CH, CL, SC	A-7	0	0	95-100	50-100	45-100	35-95	40-65	20-40
	39-46	Silty clay, channery silty clay, clay	CL, GC, SC, CH	A-2, A-7	0	0-10	55-100	25-90	25-90	20-90	45-65	25-40
	46-62	Weathered bedrock			0	---	---	---	---	---	0-14	---
EdB:												
Enders----------	0-2	Loam	CL-ML, CL, SC-SM, SC	A-4, A-6	0-5	0-5	80-100	75-100	65-100	40-70	20-35	5-14
	2-5	Fine sandy loam, loam, silt loam	CL, SC, SC-SM, CL-ML	A-4, A-6	0-5	0-5	80-100	75-100	70-100	40-90	20-35	5-14
	5-8	Clay loam, silty clay loam, gravelly silty clay	CL, SC	A-6, A-7	0	0	80-100	50-100	45-100	35-95	35-50	15-27
	8-39	Silty clay, clay, gravelly silty clay loam	CH, CL, SC	A-7	0	0	95-100	50-100	45-100	35-95	40-65	20-40
	39-46	Silty clay, channery silty clay, clay	CL, GC, SC, CH	A-2, A-7	0	0-10	55-100	25-90	25-90	20-90	45-65	25-40
	46-62	Weathered bedrock			0	---	---	---	---	---	0-14	---

Engineering Index Properties, cont.

Fayette County, Alabama

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	
EdB2:												
Enders----------	0-2	Loam	CL-ML, SC, SC-SM, CL	A-4, A-6	0-5	0-5	80-100	75-100	65-100	40-70	20-35	5-14
	2-5	Fine sandy loam, loam, silt loam	CL-ML, CL, SC, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	70-100	40-90	20-35	5-14
	5-8	Clay loam, silty clay loam, gravelly silty clay	SC, CL	A-6, A-7	0	0	80-100	50-100	45-100	35-95	35-50	15-27
	8-39	Silty clay, clay, gravelly silty clay loam	SC, CH, CL	A-7	0	0	95-100	50-100	45-100	35-95	40-65	20-40
	39-46	Silty clay, channery silty clay, clay	SC, CH, CL, GC	A-2, A-7	0	0-10	55-100	25-90	25-90	20-90	45-65	25-40
	46-62	Weathered bedrock			0	---	---	---	---	---	0-14	---
EdC:												
Enders----------	0-2	Loam	SC-SM, CL, CL-ML, SC	A-4, A-6	0-5	0-5	80-100	75-100	65-100	40-70	20-35	5-14
	2-5	Fine sandy loam, loam, silt loam	SC, CL, CL-ML, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	70-100	40-90	20-35	5-14
	5-8	Clay loam, silty clay loam, gravelly silty clay	CL, SC	A-6, A-7	0	0	80-100	50-100	45-100	35-95	35-50	15-27
	8-39	Silty clay, clay, gravelly silty clay loam	SC, CH, CL	A-7	0	0	95-100	50-100	45-100	35-95	40-65	20-40
	39-46	Silty clay, channery silty clay, clay	GC, CH, CL, SC	A-2, A-7	0	0-10	55-100	25-90	25-90	20-90	45-65	25-40
	46-62	Weathered bedrock			0	---	---	---	---	---	0-14	---

Engineering Index Properties, cont.

Fayette County, Alabama

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	
EdC2:												
Enders----------	0-2	Loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	65-100	40-70	20-35	5-14
	2-5	Fine sandy loam, loam, silt loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	70-100	40-90	20-35	5-14
	5-8	Clay loam, silty clay loam, gravelly silty clay	SC, CL	A-6, A-7	0	0	80-100	50-100	45-100	35-95	35-50	15-27
	8-39	Silty clay, clay, gravelly silty clay loam	CH, CL, SC	A-7	0	0	95-100	50-100	45-100	35-95	40-65	20-40
	39-46	Silty clay, channery silty clay, clay	SC, CH, CL, GC	A-2, A-7	0	0-10	55-100	25-90	25-90	20-90	45-65	25-40
	46-62	Weathered bedrock			0	---	---	---	---	---	0-14	---
EdD:												
Enders----------	0-2	Loam	CL-ML, CL, SC, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	65-100	40-70	20-35	5-14
	2-5	Fine sandy loam, loam, silt loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	70-100	40-90	20-35	5-14
	5-8	Clay loam, silty clay loam, gravelly silty clay	SC, CL	A-6, A-7	0	0	80-100	50-100	45-100	35-95	35-50	15-27
	8-39	Silty clay, clay, gravelly silty clay loam	CH, CL, SC	A-7	0	0	95-100	50-100	45-100	35-95	40-65	20-40
	39-46	Silty clay, channery silty clay, clay	SC, CH, CL, GC	A-2, A-7	0	0-10	55-100	25-90	25-90	20-90	45-65	25-40
	46-62	Weathered bedrock			0	---	---	---	---	---	0-14	---

Engineering Index Properties, cont.

Fayette County, Alabama

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	
EdD2:												
Enders----------	0-2	Loam	SC, CL, CL-ML, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	65-100	40-70	20-35	5-14
	2-5	Fine sandy loam, loam, silt loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0-5	0-5	80-100	75-100	70-100	40-90	20-35	5-14
	5-8	Clay loam, silty clay loam, gravelly silty clay	CL, SC	A-6, A-7	0	0	80-100	50-100	45-100	35-95	35-50	15-27
	8-39	Silty clay, clay, gravelly silty clay loam	SC, CH, CL	A-7	0	0	95-100	50-100	45-100	35-95	40-65	20-40
	39-46	Silty clay, channery silty clay, clay	SC, CH, CL, GC	A-2, A-7	0	0-10	55-100	25-90	25-90	20-90	45-65	25-40
	46-62	Weathered bedrock			0	---	---	---	---	---	0-14	---
Ga:												
Gravel Pit------	0-6	Extremely gravelly sand	GW, GP	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
GeC3:												
Greenville------	0-9	Clay loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	95-100	95-100	75-95	45-75	20-35	6-15
	9-80	Clay loam, sandy clay, clay	SC, CL, ML	A-4, A-6, A-7	0	0	98-100	95-100	80-99	40-80	28-50	7-25
GmA:												
Greenville------	0-9	Loam	SC-SM, CL, CL-ML, SC	A-4, A-6	0	0	95-100	95-100	75-95	45-75	20-35	6-15
	9-80	Clay loam, sandy clay, clay	SC, CL, ML	A-4, A-6, A-7	0	0	98-100	95-100	80-99	40-80	28-50	7-25

Engineering Index Properties, cont.

Fayette County, Alabama

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	
GmB2:												
Greenville------	0-9	Loam	SC-SM, CL, CL-ML, SC	A-4, A-6	0	0	95-100	95-100	75-95	45-75	20-35	6-15
	9-80	Clay loam, sandy clay, clay	CL, ML, SC	A-4, A-6, A-7	0	0	98-100	95-100	80-99	40-80	28-50	7-25
GmC2:												
Greenville------	0-9	Loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	95-100	95-100	75-95	45-75	20-35	6-15
	9-80	Clay loam, sandy clay, clay	SC, CL, ML	A-4, A-6, A-7	0	0	98-100	95-100	80-99	40-80	28-50	7-25
GnD:												
Guin----------	0-9	Gravelly loamy sand	SP-SM, GM, GP-GM, SM	A-1	---	0-5	50-80	45-75	20-40	5-25	0-25	NP-4
	9-72	Very gravelly loamy sand, gravelly loamy sand, gravelly sandy loam	GC-GM, GM, GP-GM, SC-SM	A-1, A-2	---	0-10	30-70	25-65	20-50	10-35	0-25	NP-7
Gu:												
Gullied Land----	0-60	Variable			0	0	---	---	---	---	0-14	---
HaB2:												
Hanceville------	0-8	Loam	CL, ML, SC, SM	A-4	0	0	95-100	90-100	75-98	45-75	0-30	NP-10
	8-54	Clay loam, sandy clay, clay	CL	A-6, A-7	0	0	95-100	95-100	90-100	51-95	30-50	11-25
	54-63	Clay loam, sandy clay loam, fine sandy loam	CL, CL-ML, ML	A-4, A-6, A-7	0	0	95-100	95-100	85-95	51-80	25-50	5-20
	63-90	Weathered bedrock			---	---	---	---	---	---	---	---
Ik:												
Iuka----------	0-13	Silt loam	CL-ML, ML	A-4	0	0	95-100	95-100	80-95	50-80	0-30	NP-7
	13-22	Fine sandy loam, loam, sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	85-100	65-100	36-75	0-30	NP-7
	22-60	Sandy loam, fine sandy loam, loam	SM, ML	A-2, A-4	0	0	95-100	90-100	70-100	25-60	0-30	NP-7

Engineering Index Properties, cont.

Fayette County, Alabama

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	
Io:												
Iuka----------	0-13	Silt loam	CL-ML, ML	A-4	0	0	95-100	95-100	80-95	50-80	0-30	NP-7
	13-22	Fine sandy loam, loam, sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	85-100	65-100	36-75	0-30	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	0-30	NP-7
Ochlockonee-----	0-6	Loam	CL-ML, ML	A-4	0	0	100	95-100	95-100	50-90	0-30	NP-7
	6-44	Fine sandy loam, sandy loam, silt loam	CL, ML, SC, SM	A-4	0	0	100	95-100	95-100	36-75	0-32	NP-9
	44-72	Loamy sand, sandy loam, silt loam	CL, ML, SC, SM	A-2, A-4	0	0	100	95-100	85-99	13-80	0-32	NP-9
LdB:												
Leadvale--------	0-8	Loam	CL, CL-ML, ML	A-4	0	0	100	95-100	85-95	65-85	18-32	2-10
	8-23	Silt loam, silty clay loam, loam	CL, ML, CL-ML	A-4, A-6	0	0	100	95-100	90-98	75-90	22-36	3-14
	23-48	Silt loam, silty clay loam	ML, CL-ML, CL	A-4, A-6, A-7	0	0	100	95-100	80-98	70-90	23-42	3-18
	48-58	Silty clay loam, silty clay, clay	ML, CH, CL, MH	A-6, A-7	0	0-5	90-100	90-100	85-95	70-90	32-58	12-26
MaC2:												
Magnolia--------	0-9	Fine sandy loam	SC-SM, CL-ML, SC, SM	A-2, A-4	0	0	95-100	90-100	65-85	25-55	10-25	NP-10
	9-80	Clay loam, sandy clay, clay	CL, ML, SC	A-4, A-6, A-7	0	0	98-100	95-100	80-99	40-80	28-50	7-25
Mc:												
Mantachie-------	0-11	Fine sandy loam	ML, CL-ML, SM, SC-SM	A-4	---	0-5	95-100	90-100	60-85	40-60	0-20	NP-5
	11-61	Loam, clay loam, sandy clay loam	SC, CL, CL-ML, SC-SM	A-4, A-6	---	0-5	95-100	90-100	80-95	45-80	20-40	5-15

Engineering Index Properties, cont.

Fayette County, Alabama

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	
Mh:												
Mantachie-------	0-11	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	90-100	70-85	0-30	NP-10
	11-61	Loam, clay loam, sandy clay loam	SC-SM, CL, CL-ML, SC	A-4, A-6	---	0-5	95-100	90-100	80-95	45-80	20-40	5-15
Mk:												
Mantachie-------	0-11	Loam	SC-SM, CL-ML, ML, SM	A-4	---	0-5	95-100	90-100	60-85	40-60	0-20	NP-5
	11-61	Loam, clay loam, sandy clay loam	CL, CL-ML, SC, SC-SM	A-4, A-6	---	0-5	95-100	90-100	80-95	45-80	20-40	5-15
Leaf----------	0-9	Silt loam	ML, CL	A-4, A-6	0	0	100	95-100	85-100	50-90	30-40	5-15
	9-72	Silty clay loam, silty clay, clay	CH, CL	A-7	0	0	100	95-100	90-100	75-95	42-65	20-38
Iuka----------	0-13	Loam	CL-ML, ML	A-4	0	0	95-100	95-100	80-95	50-80	0-30	NP-7
	13-22	Fine sandy loam, loam, sandy loam	SM, CL-ML, ML, SC-SM	A-4	0	0	95-100	85-100	65-100	36-75	0-30	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	0-30	NP-7
Mm:												
Mashulaville----	0-5	Loam	CL-ML, ML	A-4	0	0	100	100	85-100	55-80	0-25	NP-7
	5-26	Loam, silt loam	CL-ML, ML	A-4	0	0	100	100	85-100	55-80	0-25	NP-7
	5-26	Sandy loam, fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	100	85-100	30-50	0-25	NP-7
	26-62	Loam, clay loam, silt loam	SC, CL	A-4, A-6	0	0	100	100	85-100	40-90	25-40	8-20
MoC:												
Montevallo------	0-6	Channery silt loam	SC-SM, CL, CL-ML, SC	A-4	0	0-5	60-88	50-75	45-70	40-65	0-30	NP-10
	6-16	Very channery silt loam, extremely channery loam	SC, GC, GC-GM, SC-SM	A-1-b, A-2, A-4, A-6	0	0-5	35-70	23-50	15-45	15-40	20-40	2-15
	16-60	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Fayette County, Alabama

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	
MoC3:												
Montevallo------	0-6	Channery silt loam	CL, CL-ML, SC, SC-SM	A-4	0	0-5	60-88	50-75	45-70	40-65	0-30	NP-10
	6-16	Very channery silt loam, extremely channery loam	GC, GC-GM, SC, SC-SM	A-1-b, A-2, A-4, A-6	0	0-5	35-70	23-50	15-45	15-40	20-40	2-15
	16-60	Weathered bedrock			---	---	---	---	---	---	---	---
MoD:												
Montevallo------	0-6	Channery silt loam	SC-SM, CL, CL-ML, SC	A-4	0	0-5	60-88	50-75	45-70	40-65	0-30	NP-10
	6-16	Very channery silt loam, extremely channery loam	SC, GC, GC-GM, SC-SM	A-6, A-1-b, A-2, A-4	0	0-5	35-70	23-50	15-45	15-40	20-40	2-15
	16-60	Weathered bedrock			---	---	---	---	---	---	---	---
MoD3:												
Montevallo------	0-6	Channery silt loam	SC-SM, CL, CL-ML, SC	A-4	0	0-5	60-88	50-75	45-70	40-65	0-30	NP-10
	6-16	Very channery silt loam, extremely channery loam	GC-GM, GC, SC, SC-SM	A-1-b, A-2, A-4, A-6	0	0-5	35-70	23-50	15-45	15-40	20-40	2-15
	16-60	Weathered bedrock			---	---	---	---	---	---	---	---
MoE:												
Montevallo------	0-6	Channery silt loam	CL, CL-ML, SC, SC-SM	A-4	0	0-5	60-88	50-75	45-70	40-65	0-30	NP-10
	6-16	Very channery silt loam, extremely channery loam	SC-SM, GC, GC-GM, SC	A-1-b, A-2, A-4, A-6	0	0-5	35-70	23-50	15-45	15-40	20-40	2-15
	16-60	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Fayette County, Alabama

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	
MoE3:												
Montevallo------	0-6	Channery silt loam	SC-SM, CL, CL-ML, SC	A-4	0	0-5	60-88	50-75	45-70	40-65	0-30	NP-10
	6-16	Very channery silt loam, extremely channery loam	GC, GC-GM, SC, SC-SM	A-1-b, A-2, A-4, A-6	0	0-5	35-70	23-50	15-45	15-40	20-40	2-15
	16-60	Weathered bedrock			---	---	---	---	---	---	---	---
My:												
Myatt----------	0-10	Silt loam	ML, CL-ML	A-4	0	0	95-100	95-100	70-100	60-90	0-25	NP-5
	10-50	Loam, sandy clay loam, clay loam	SM, CL, ML, SC	A-4	0	0	95-100	95-100	80-100	40-80	0-30	NP-10
	50-72	Gravelly fine sandy loam, sandy clay loam, clay loam	SC-SM, CL, CL-ML, SC	A-2, A-4, A-6	0	0	75-100	60-90	60-80	30-70	15-40	5-20
Oc:												
Ochlockonee-----	0-6	Loam	CL-ML, ML	A-4	0	0	100	95-100	95-100	50-90	0-30	NP-7
	6-44	Fine sandy loam, sandy loam, silt loam	CL, ML, SC, SM	A-4	0	0	100	95-100	95-100	36-75	0-32	NP-9
	44-72	Loamy sand, sandy loam, silt loam	SM, CL, ML, SC	A-2, A-4	0	0	100	95-100	85-99	13-80	0-32	NP-9
Od:												
Ochlockonee-----	0-6	Sandy loam	CL-ML, SM, ML, SC-SM	A-2, A-4	0	0	100	95-100	65-90	40-70	0-26	NP-5
	6-44	Fine sandy loam, sandy loam, silt loam	SM, CL, ML, SC	A-4	0	0	100	95-100	95-100	36-75	0-32	NP-9
	44-72	Loamy sand, sandy loam, silt loam	CL, ML, SC, SM	A-2, A-4	0	0	100	95-100	85-99	13-80	0-32	NP-9

Engineering Index Properties, cont.

Fayette County, Alabama

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	
OfB2:												
Ora----------	0-7	Fine sandy loam	SM, CL-ML, ML, SC-SM	A-2, A-4	0	0	100	95-100	65-85	30-65	0-30	NP-5
	7-26	Clay loam, sandy clay loam, loam	CL	A-4, A-6, A-7	0	0	100	95-100	80-100	50-80	25-48	8-22
	26-56	Sandy clay loam, loam, sandy loam	CL	A-4, A-6, A-7	0	0	100	95-100	80-100	50-75	25-43	8-25
	56-70	Sandy clay loam, loam, sandy loam	CL	A-6, A-7	0	0	100	95-100	80-98	50-60	30-49	11-30
OfC:												
Ora----------	0-7	Fine sandy loam	SM, CL-ML, ML, SC-SM	A-2, A-4	0	0	100	95-100	65-85	30-65	0-30	NP-5
	7-26	Clay loam, sandy clay loam, loam	CL	A-4, A-6, A-7	0	0	100	95-100	80-100	50-80	25-48	8-22
	26-56	Sandy clay loam, loam, sandy loam	CL	A-4, A-6, A-7	0	0	100	95-100	80-100	50-75	25-43	8-25
	56-70	Sandy clay loam, loam, sandy loam	CL	A-6, A-7	0	0	100	95-100	80-98	50-60	30-49	11-30
OfC2:												
Ora----------	0-7	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	100	95-100	65-85	30-65	0-30	NP-5
	7-26	Clay loam, sandy clay loam, loam	CL	A-4, A-6, A-7	0	0	100	95-100	80-100	50-80	25-48	8-22
	26-56	Sandy clay loam, loam, sandy loam	CL	A-4, A-6, A-7	0	0	100	95-100	80-100	50-75	25-43	8-25
	56-70	Sandy clay loam, loam, sandy loam	CL	A-6, A-7	0	0	100	95-100	80-98	50-60	30-49	11-30

Engineering Index Properties, cont.

Fayette County, Alabama

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	
OfD2:												
Ora----------	0-7	Fine sandy loam	SM, CL-ML, SC-SM, ML	A-2, A-4	0	0	100	95-100	65-85	30-65	0-30	NP-5
	7-26	Clay loam, sandy clay loam, loam	CL	A-4, A-6, A-7	0	0	100	95-100	80-100	50-80	25-48	8-22
	26-56	Sandy clay loam, loam, sandy loam	CL	A-4, A-6, A-7	0	0	100	95-100	80-100	50-75	25-43	8-25
	56-70	Sandy clay loam, loam, sandy loam	CL	A-6, A-7	0	0	100	95-100	80-98	50-60	30-49	11-30
OrC3:												
Ora----------	0-7	Fine sandy loam	SC-SM, SM, ML, CL-ML	A-2, A-4	0	0	100	95-100	65-85	30-65	0-30	NP-5
	7-26	Clay loam, sandy clay loam, loam	CL	A-4, A-6, A-7	0	0	100	95-100	80-100	50-80	25-48	8-22
	26-56	Sandy clay loam, loam, sandy loam	CL	A-4, A-6, A-7	0	0	100	95-100	80-100	50-75	25-43	8-25
	56-70	Sandy clay loam, loam, sandy loam	CL	A-6, A-7	0	0	100	95-100	80-98	50-60	30-49	11-30
Pb:												
Pheba----------	0-8	Loam	ML, CL-ML, CL	A-4	0	0	100	100	85-100	55-90	0-25	NP-8
	8-21	Silt loam, loam	CL, CL-ML, ML	A-4	0	0	100	100	90-100	75-90	0-25	NP-8
	21-60	Silt loam, loam, silty clay loam	CL	A-6	0	0	100	100	90-100	75-95	30-40	11-16
Ph:												
Philo----------	0-13	Loam	ML, CL-ML	A-4	0	0	95-100	95-100	80-95	50-80	0-30	NP-7
	13-22	Fine sandy loam, loam, sandy loam	ML, SM, SC-SM, CL-ML	A-4	0	0	95-100	85-100	65-100	36-75	0-30	NP-7
	22-60	Sandy loam, fine sandy loam, loam	SM, ML	A-2, A-4	0	0	95-100	90-100	70-100	25-60	0-30	NP-7

Engineering Index Properties, cont.

Fayette County, Alabama

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	
PrA:												
Prentiss--------	0-7	Fine sandy loam	SC, SC-SM, SM	A-4	0	0	100	100	65-85	36-50	0-30	NP-10
	7-26	Loam, silt loam, fine sandy loam	CL, CL-ML, ML	A-2, A-4	0	0	100	100	75-100	50-90	0-30	NP-10
	26-73	Loam, sandy loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-6, A-4	---	0	100	100	70-100	40-75	20-35	4-12
PrB2:												
Prentiss--------	0-7	Fine sandy loam	SC, SC-SM, SM	A-4	0	0	100	100	65-85	36-50	0-30	NP-10
	7-26	Loam, silt loam, fine sandy loam	CL, CL-ML, ML	A-2, A-4	0	0	100	100	75-100	50-90	0-30	NP-10
	26-73	Loam, sandy loam, fine sandy loam	SC-SM, SC, CL-ML, CL	A-4, A-6	---	0	100	100	70-100	40-75	20-35	4-12
Rd:												
Rock Land-------	0-6	Stony loam	GM, SM, SC-SM, GC-GM	A-2, A-4	20-40	0-30	50-95	50-95	40-65	30-50	0-25	NP-7
	6-15	Fine sandy loam, gravelly fine sandy loam, gravelly loam	SC-SM, SM, GM, GC-GM	A-2, A-4	0-5	0-10	55-100	55-95	50-70	30-50	0-25	NP-7
	15-25	Unweathered bedrock			0	---	---	---	---	---	0-14	---
RfA:												
Ruston----------	0-7	Fine sandy loam	ML, SM, CL-ML	A-2-4, A-4	0	0	100	85-100	65-85	30-55	0-20	NP-7
	7-18	Sandy clay loam, loam, clay loam	CL, SC	A-6, A-7-6	0	0	100	85-100	80-95	36-75	25-45	11-20
	18-39	Fine sandy loam, sandy loam, loamy sand	CL-ML, ML, SC-SM, SM	A-2-4, A-4	0	0	100	85-100	65-85	30-75	0-27	NP-7
	39-85	Sandy clay loam, loam, clay loam	CL, SC	A-6, A-7-6	0	0	100	85-100	80-95	36-75	25-45	11-20

Engineering Index Properties, cont.

Fayette County, Alabama

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	
RfB:												
Ruston----------	0-7	Fine sandy loam	SM, ML, CL-ML	A-2-4, A-4	0	0	100	85-100	65-85	30-55	0-20	NP-7
	7-18	Sandy clay loam, loam, clay loam	CL, SC	A-6, A-7-6	0	0	100	85-100	80-95	36-75	25-45	11-20
	18-39	Fine sandy loam, sandy loam, loamy sand	CL-ML, SC-SM, SM, ML	A-2-4, A-4	0	0	100	85-100	65-85	30-75	0-27	NP-7
	39-85	Sandy clay loam, loam, clay loam	SC, CL	A-6, A-7-6	0	0	100	85-100	80-95	36-75	25-45	11-20
RfB2:												
Ruston----------	0-7	Fine sandy loam	CL-ML, ML, SM	A-2-4, A-4	0	0	100	85-100	65-85	30-55	0-20	NP-7
	7-18	Sandy clay loam, loam, clay loam	CL, SC	A-6, A-7-6	0	0	100	85-100	80-95	36-75	25-45	11-20
	18-39	Fine sandy loam, sandy loam, loamy sand	CL-ML, ML, SM, SC-SM	A-2-4, A-4	0	0	100	85-100	65-85	30-75	0-27	NP-7
	39-85	Sandy clay loam, loam, clay loam	SC, CL	A-6, A-7-6	0	0	100	85-100	80-95	36-75	25-45	11-20
RfC:												
Ruston----------	0-11	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	SC-SM, SC, CL-ML, CL	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
RfC2:												
Ruston----------	0-11	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10

Engineering Index Properties, cont.

Fayette County, Alabama

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	
RfD:												
Ruston----------	0-11	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
RfD2:												
Ruston----------	0-11	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
RfE:												
Ruston----------	0-11	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
RsC3:												
Ruston----------	0-11	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
RsD3:												
Ruston----------	0-11	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10

Engineering Index Properties, cont.

Fayette County, Alabama

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	
RtE:												
Ruston----------	0-11	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
Cuthbert--------	0-8	Sandy loam	SC-SM, SM, SP-SM	A-2	---	0-5	90-100	85-100	60-95	10-35	0-25	NP-6
	8-15	Sandy clay loam, clay loam	CL, SC	A-6, A-7	0	0	95-100	90-100	80-95	45-90	35-50	12-25
	15-55	Clay loam, clay, silty clay	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-98	35-60	20-45
	55-69	Clay, silty clay, clay loam	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-78	35-60	20-45

Engineering Index Properties, cont.

Fayette County, Alabama

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	
RxC:												
Ruston----------	0-11	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
Cuthbert--------	0-8	Sandy loam	SC-SM, SM, SP-SM	A-2	---	0-5	90-100	85-100	60-95	10-35	0-25	NP-6
	8-15	Sandy clay loam, clay loam	CL, SC	A-6, A-7	0	0	95-100	90-100	80-95	45-90	35-50	12-25
	15-55	Clay loam, clay, silty clay	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-98	35-60	20-45
	55-69	Clay, silty clay, clay loam	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-78	35-60	20-45
Shubuta---------	0-7	Sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-2, A-4, A-6, A-7	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16

Engineering Index Properties, cont.

Fayette County, Alabama

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	
RxC2:												
Ruston----------	0-11	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
Cuthbert--------	0-8	Sandy loam	SC-SM, SM, SP-SM	A-2	---	0-5	90-100	85-100	60-95	10-35	0-25	NP-6
	8-15	Sandy clay loam, clay loam	CL, SC	A-6, A-7	0	0	95-100	90-100	80-95	45-90	35-50	12-25
	15-55	Clay loam, clay, silty clay	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-98	35-60	20-45
	55-69	Clay, silty clay, clay loam	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-78	35-60	20-45
Shubuta---------	0-7	Sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-2, A-4, A-6, A-7	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16

Engineering Index Properties, cont.

Fayette County, Alabama

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	
RxD:												
Ruston----------	0-11	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
Cuthbert--------	0-8	Sandy loam	SC-SM, SM, SP-SM	A-2	---	0-5	90-100	85-100	60-95	10-35	0-25	NP-6
	8-15	Sandy clay loam, clay loam	CL, SC	A-6, A-7	0	0	95-100	90-100	80-95	45-90	35-50	12-25
	15-55	Clay loam, clay, silty clay	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-98	35-60	20-45
	55-69	Clay, silty clay, clay loam	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-78	35-60	20-45
Shubuta---------	0-7	Sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-2, A-4, A-6, A-7	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16

Engineering Index Properties, cont.

Fayette County, Alabama

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	
RxD2:												
Ruston----------	0-11	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	SM, CL, ML, SC	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
Cuthbert--------	0-8	Sandy loam	SC-SM, SM, SP-SM	A-2	---	0-5	90-100	85-100	60-95	10-35	0-25	NP-6
	8-15	Sandy clay loam, clay loam	CL, SC	A-6, A-7	0	0	95-100	90-100	80-95	45-90	35-50	12-25
	15-55	Clay loam, clay, silty clay	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-98	35-60	20-45
	55-69	Clay, silty clay, clay loam	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-78	35-60	20-45
Shubuta---------	0-7	Sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-7, A-4, A-5	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-2, A-4, A-6, A-7	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16
Sa:												
Sandy Alluvial Land----------	0-10	Loamy sand	SM, SP-SM	A-2, A-3	0	0	98-100	98-100	90-97	7-32	0-14	NP
	10-55	Loamy sand, loamy fine sand, sand	SM, SP-SM	A-2, A-3	0	0	98-100	98-100	98-100	7-32	0-14	NP
	55-65	Variable			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Fayette County, Alabama

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	
SbA:												
Savannah--------	0-11	Loam	CL-ML, ML	A-4	0	0	100	90-100	80-100	60-90	0-25	NP-7
	11-28	Sandy clay loam, clay loam, loam	SC, CL-ML, CL	A-4, A-6	0	0	98-100	90-100	80-100	40-80	23-40	7-19
	28-68	Loam, clay loam, sandy clay loam	CL-ML, CL, SC	A-2, A-4, A-6, A-7	0	0	94-100	90-100	60-100	30-80	23-43	7-19
SbB:												
Savannah--------	0-11	Loam	CL-ML, ML	A-4	0	0	100	90-100	80-100	60-90	0-25	NP-7
	11-28	Sandy clay loam, clay loam, loam	CL, CL-ML, SC	A-4, A-6	0	0	98-100	90-100	80-100	40-80	23-40	7-19
	28-68	Loam, clay loam, sandy clay loam	CL, CL-ML, SC	A-2, A-4, A-6, A-7	0	0	94-100	90-100	60-100	30-80	23-43	7-19
SbB2:												
Savannah--------	0-11	Loam	CL-ML, ML	A-4	0	0	100	90-100	80-100	60-90	0-25	NP-7
	11-28	Sandy clay loam, clay loam, loam	CL, CL-ML, SC	A-4, A-6	0	0	98-100	90-100	80-100	40-80	23-40	7-19
	28-68	Loam, clay loam, sandy clay loam	CL, CL-ML, SC	A-2, A-4, A-6, A-7	0	0	94-100	90-100	60-100	30-80	23-43	7-19
SbC2:												
Savannah--------	0-11	Loam	CL-ML, ML	A-4	0	0	100	90-100	80-100	60-90	0-25	NP-7
	11-28	Sandy clay loam, clay loam, loam	CL, CL-ML, SC	A-4, A-6	0	0	98-100	90-100	80-100	40-80	23-40	7-19
	28-68	Loam, clay loam, sandy clay loam	CL, CL-ML, SC	A-2, A-4, A-6, A-7	0	0	94-100	90-100	60-100	30-80	23-43	7-19
Sc:												
Sequatchie------	0-12	Loam	CL, CL-ML, ML, SM	A-2, A-4	---	0-10	85-100	75-100	65-95	30-70	15-27	2-10
	12-46	Clay loam, loam, silt loam	CL, CL-ML	A-4, A-6	---	0-10	85-100	75-100	65-95	55-85	20-32	5-15
	46-72	Sandy loam, loam, fine sandy loam	CL, CL-ML, ML, SM	A-2, A-4	---	0-15	75-100	65-100	45-85	25-65	15-25	2-10

Engineering Index Properties, cont.

Fayette County, Alabama

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	
SfB2:												
Shubuta---------	0-7	Fine sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-2, A-4, A-6, A-7	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16
SfC:												
Shubuta---------	0-7	Fine sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-2, A-4, A-6, A-7	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16
SfC2:												
Shubuta---------	0-7	Fine sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	SM, ML	A-2, A-4, A-6, A-7	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16

Engineering Index Properties, cont.

Fayette County, Alabama

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	
SfD:												
Shubuta---------	0-7	Fine sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-2, A-4, A-6, A-7	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16
SfD2:												
Shubuta---------	0-7	Fine sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-2, A-4, A-6, A-7	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16
ShC2:												
Shubuta---------	0-7	Fine sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-2, A-6, A-7, A-4	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16
Boswell---------	0-5	Sandy loam	ML, SM	A-4	0	0	100	100	60-85	40-55	0-14	NP
	5-70	Clay, silty clay, silty clay loam	CH	A-7	0	0	100	100	90-100	75-95	50-70	25-40

Engineering Index Properties, cont.

Fayette County, Alabama

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	
ShD2:												
Shubuta---------	0-7	Fine sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-7, A-5	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-5, A-7, A-4	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-4, A-6, A-7, A-2	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16
Boswell---------	0-5	Sandy loam	ML, SM	A-4	0	0	100	100	60-85	40-55	0-14	NP
	5-70	Clay, silty clay, silty clay loam	CH	A-7	0	0	100	100	90-100	75-95	50-70	25-40
ShE:												
Shubuta---------	0-7	Fine sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	7-30	Clay loam, sandy clay, clay	MH, ML	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	30-40	Clay loam, sandy clay loam	MH, ML, SM	A-4, A-7, A-5	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-80	Stratified loamy sand to sandy clay loam	ML, SM	A-4, A-6, A-7, A-2	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16
Boswell---------	0-5	Sandy loam	SC-SM, SM	A-2, A-4	0	0	75-100	75-100	45-85	25-50	15-25	NP-7
	5-9	Very fine sandy loam, fine sandy loam, loamy fine sand	CL-ML, ML, SC-SM, SM	A-2, A-4, A-1	0	0	75-100	75-100	40-95	12-75	15-30	NP-10
	9-41	Clay, silty clay, clay loam	CH, CL, SC	A-7	0	0	85-100	85-100	70-100	40-95	45-70	20-40
	41-80	Silty clay loam, clay loam, loam	CL, SC	A-2, A-4, A-6, A-7	0	0	85-100	85-100	65-100	30-95	25-48	8-25

Engineering Index Properties, cont.

Fayette County, Alabama

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	
Sn:												
Stendal---------	0-12	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	98-100	85-100	50-97	17-40	4-15
	12-60	Loam, clay loam, sandy clay loam	CL	A-6, A-7, A-4	0	0	100	95-100	75-100	60-95	20-45	8-22
	60-72	Variable			0	0	---	---	---	---	---	---
StA:												
Stough----------	0-4	Loam	CL-ML, ML	A-4	0	0	100	100	75-95	50-65	0-25	NP-7
	4-20	Loam, fine sandy loam, sandy loam	CL, CL-ML, ML	A-4	---	0	100	100	75-95	50-75	0-25	8-15
	20-68	Sandy loam, sandy clay loam, loam	SC, SM	A-4, A-6	---	0	100	100	65-90	40-65	25-40	NP-7
Tc:												
Terrace Escarpments----	0-8	Gravelly sandy loam	GC-GM, GM, SC-SM, SM	A-2, A-4, A-1	0	0-5	50-80	50-75	40-70	20-50	0-25	NP-5
	8-14	Gravelly fine sandy loam, gravelly sandy clay loam, gravelly loam	GC, GC-GM, SC, SC-SM	A-2, A-4, A-6, A-1	0	0-10	30-75	25-75	20-70	12-50	20-40	4-18
	14-47	Very gravelly sandy clay loam, very gravelly fine sandy loam, very gravelly loam	GC, GC-GM, GP-GC	A-1, A-2, A-4, A-6	0	0-10	25-55	25-50	20-50	12-40	20-40	4-15
	47-72	Gravelly sandy loam, very gravelly sandy loam, gravelly loamy sand	GC, GM, SC, SM	A-1, A-2, A-3	0-5	0-15	15-80	10-75	10-65	5-35	0-35	NP-15
TmB2:												
Townley---------	0-6	Loam	ML, CL, CL-ML	A-4	0	0-2	80-98	70-95	65-90	50-65	15-35	NP-10
	6-22	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-7	0	0-2	75-95	65-95	60-92	55-90	40-72	14-37
	22-35	Variable			---	---	---	---	---	---	---	---
	35-40	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Fayette County, Alabama

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	
TmC:												
Townley---------	0-6	Loam	CL, CL-ML, ML	A-4	0	0-2	80-98	70-95	65-90	50-65	15-35	NP-10
	6-22	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-7	0	0-2	75-95	65-95	60-92	55-90	40-72	14-37
	22-35	Variable			---	---	---	---	---	---	---	---
	35-40	Weathered bedrock			---	---	---	---	---	---	---	---
TmC2:												
Townley---------	0-6	Loam	CL, CL-ML, ML	A-4	0	0-2	80-98	70-95	65-90	50-65	15-35	NP-10
	6-22	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-7	0	0-2	75-95	65-95	60-92	55-90	40-72	14-37
	22-35	Variable			---	---	---	---	---	---	---	---
	35-40	Weathered bedrock			---	---	---	---	---	---	---	---
TmD2:												
Townley---------	0-6	Loam	CL, CL-ML, ML	A-4	0	0-2	80-98	70-95	65-90	50-65	15-35	NP-10
	6-22	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-7	0	0-2	75-95	65-95	60-92	55-90	40-72	14-37
	22-35	Variable			---	---	---	---	---	---	---	---
	35-40	Weathered bedrock			---	---	---	---	---	---	---	---
TnB3:												
Townley---------	0-6	Silty clay loam	CH, CL	A-6, A-7	0	0-2	75-95	65-80	60-80	55-75	30-55	12-30
	6-22	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-7	0	0-2	75-95	65-95	60-92	55-90	40-72	14-37
	22-35	Variable			---	---	---	---	---	---	---	---
	35-40	Weathered bedrock			---	---	---	---	---	---	---	---
TnC3:												
Townley---------	0-6	Silty clay loam	CH, CL	A-6, A-7	0	0-2	75-95	65-80	60-80	55-75	30-55	12-30
	6-22	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-7	0	0-2	75-95	65-95	60-92	55-90	40-72	14-37
	22-35	Variable			---	---	---	---	---	---	---	---
	35-40	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Fayette County, Alabama

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	
TnD3:												
Townley---------	0-6	Silty clay loam	CH, CL	A-6, A-7	0	0-2	75-95	65-80	60-80	55-75	30-55	12-30
	6-22	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-7	0	0-2	75-95	65-95	60-92	55-90	40-72	14-37
	22-35	Variable			---	---	---	---	---	---	---	---
	35-40	Weathered bedrock			---	---	---	---	---	---	---	---
Ty:												
Tyler----------	0-9	Silt loam	CL-ML, ML	A-4	0	0	100	95-100	90-100	75-95	18-30	2-10
	9-24	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	100	95-100	95-100	85-95	23-38	5-16
	24-64	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6, A-7	0	0	95-100	90-100	85-100	80-95	23-42	5-20
	64-80	Silty clay loam, clay, cherty silty clay loam	CL, GC, ML	A-6, A-7	0	0-20	65-100	55-100	45-90	36-85	35-48	12-22