Engineering Index Properties

Greene 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	
AfB:												
Angie----------	0-10	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	60-85	30-65	10-28	NP-10
	10-65	Silty clay loam, silty clay, clay	CH, CL	A-7-6	0	0	95-100	90-100	85-100	75-95	41-55	18-29
AfC2:												
Angie----------	0-10	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	60-85	30-65	10-28	NP-10
	10-65	Silty clay loam, silty clay, clay	CH, CL	A-7-6	0	0	95-100	90-100	85-100	75-95	41-55	18-29
AgA:												
Angie----------	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	95-100	70-95	40-75	0-20	NP-5
	9-16	Clay, clay loam, silty clay	CL	A-6, A-7	0	0	95-100	95-100	85-100	70-98	30-50	10-25
	16-37	Clay, silty clay, silty clay loam	CH, CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-99	45-70	20-35
	37-49	Sandy clay loam, loam, clay loam	CL, SC	A-4, A-6	0	0	95-100	95-100	80-100	36-80	20-35	8-15
	49-90	Sandy clay loam, fine sandy loam, sandy loam	SM, SC, SC-SM	A-2, A-4	0	0	95-100	95-100	60-90	30-50	0-20	NP-10

Engineering Index Properties, cont.

Greene 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	
AgB:												
Angie----------	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	95-100	70-95	40-75	0-20	NP-5
	9-16	Clay, clay loam, silty clay	CL	A-6, A-7	0	0	95-100	95-100	85-100	70-98	30-50	10-25
	16-37	Clay, silty clay, silty clay loam	CH, CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-99	45-70	20-35
	37-49	Sandy clay loam, loam, clay loam	CL, SC	A-4, A-6	0	0	95-100	95-100	80-100	36-80	20-35	8-15
	49-90	Sandy clay loam, fine sandy loam, sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	95-100	95-100	60-90	30-50	0-20	NP-10
AnD3:												
Angie----------	0-10	Sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	60-85	30-65	10-28	NP-10
	10-65	Silty clay loam, silty clay, clay	CH, CL	A-7-6	0	0	95-100	90-100	85-100	75-95	41-55	18-29
AS:												
Angie----------	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	95-100	70-95	40-75	0-20	NP-5
	9-16	Clay, clay loam, silty clay	CL	A-6, A-7	0	0	95-100	95-100	85-100	70-98	30-50	10-25
	16-37	Clay, silty clay, silty clay loam	CH, CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-99	45-70	20-35
	37-49	Sandy clay loam, loam, clay loam	CL, SC	A-4, A-6	0	0	95-100	95-100	80-100	36-80	20-35	8-15
	49-90	Sandy clay loam, fine sandy loam, sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	95-100	95-100	60-90	30-50	0-20	NP-10
Leaf----------	0-9	Silt loam	CL, ML	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

Engineering Index Properties, cont.

Greene 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	
Bb:												
Bibb----------	0-12	Silt 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
BcC:												
Binnsville------	0-8	Silty clay	CH, CL	A-7	0	0	90-100	80-100	75-100	70-95	44-57	22-32
	8-12	Silty clay loam, silty clay	CH, CL	A-7	---	10-20	60-90	60-90	60-90	60-90	44-57	22-32
	12-48	Weathered bedrock			---	---	---	---	---	---	---	---
BeC3:												
Boswell---------	0-5	Loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	85-100	75-95	20-35	3-12
	5-70	Clay, silty clay, silty clay loam	CH	A-7	0	0	100	100	90-100	75-95	50-70	25-40
BoB2:												
Boswell---------	0-5	Fine 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
BoC2:												
Boswell---------	0-5	Fine 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
CaB:												
Cahaba----------	0-9	Fine sandy loam	SM	A-2-4, A-4	0	0	95-100	95-100	65-90	30-45	0-14	NP
	9-53	Sandy clay loam, loam, clay loam	CL, SC	A-4, A-6	0	0	90-100	80-100	75-90	40-75	22-35	8-15
	53-80	Sand, loamy sand, sandy loam	SM, SP-SM	A-2-4	0	0	95-100	90-100	60-85	10-35	0-14	NP
Cc:												
Catalpa---------	0-6	Clay	CH, CL	A-7	0	0	100	100	95-100	85-100	45-52	24-30
	6-60	Silty clay, clay, silty clay loam	CH	A-7	0	0	100	100	95-100	85-100	50-75	28-50

Engineering Index Properties, cont.

Greene 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	
Ch:												
Chastain--------	0-5	Clay	CH, CL, MH, ML	A-6, A-7	0	0	100	100	90-100	75-98	35-75	12-40
	5-52	Silty clay loam, clay loam, clay	CH, CL, MH, ML	A-6, A-7	0	0	100	100	95-100	85-98	35-75	12-40
	52-72	Loamy sand, sand, fine sand	SM, SP, SP-SM	A-2, A-3	0	0	90-100	85-100	51-90	4-25	0-14	NP
DuA:												
Dulac----------	0-9	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	70-90	20-35	5-20
	9-16	Clay, clay loam, silty clay	CL	A-6, A-7	0	0	95-100	95-100	85-100	70-98	30-50	10-25
	16-37	Clay, silty clay, silty clay loam	CH, CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-99	45-70	20-35
	37-49	Sandy clay loam, loam, clay loam	CL, SC	A-4, A-6	0	0	95-100	95-100	80-100	36-80	20-35	8-15
	49-90	Sandy clay loam, fine sandy loam, sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	95-100	95-100	60-90	30-50	0-20	NP-10
Eu:												
Eutaw----------	0-9	Clay	CH, MH	A-7	0	0	100	100	95-100	90-100	51-70	23-40
	9-58	Clay	CH, MH	A-7	0	0	100	100	95-100	80-95	51-100	25-60
	58-80	Clay	CH, MH	A-7	0	0	100	100	95-100	80-95	51-100	25-60
Fa:												
Falaya----------	0-50	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	100	95-100	0-30	NP-10
	50-65	Silt loam, silty clay loam	CL, ML	A-4, A-6, A-7	0	0	100	100	100	95-100	25-43	7-16

Engineering Index Properties, cont.

Greene 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	
Fo:												
Forestdale------	0-6	Very fine sandy loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	80-95	10-30	5-15
	6-26	Silty clay, clay, silty clay loam	CH, CL	A-7	0	0	100	100	95-100	90-100	40-65	20-40
	26-60	Silty clay loam, silt loam, very fine sandy loam	CL, CL-ML	A-4, A-6, A-7	0	0	100	100	95-100	75-100	20-50	5-30
Ga:												
Garner----------	0-6	Clay	MH, CH, CL	A-7	0	0	98-100	95-100	90-100	85-95	40-65	15-35
	6-64	Silty clay, clay	CH, CL, MH	A-7	0	0	98-100	95-100	90-100	85-98	45-70	20-40
	64-75	Silty clay, clay	CH, MH	A-7	0	0	98-100	95-100	90-100	85-98	50-80	25-45
Gu:												
Gullied Land----	0-6	Silty clay loam	CL, CL-ML	A-4, A-6, A-7	0	0-5	85-100	75-90	65-85	50-80	24-44	6-20
	6-13	Channery loam, channery clay loam, extremely channery silty clay loam	GC, GC-GM, GP-GC	A-1, A-2	0-3	0-5	20-30	15-25	10-20	8-15	18-38	4-14
	13-65	Weathered bedrock			---	---	---	---	---	---	---	---
KlA:												
Kipling---------	0-3	Loam	CL, CL-ML, ML	A-4	0	0	100	100	90-100	70-90	0-30	NP-10
	3-62	Silty clay, clay, silty clay loam	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	38-70	22-45
	62-72	Clay, silty clay	CH, CL	A-7	0	0	100	100	90-100	75-95	48-80	26-50
KlB2:												
Kipling---------	0-3	Loam	CL, CL-ML, ML	A-4	0	0	100	100	90-100	70-90	0-30	NP-10
	3-62	Silty clay, clay, silty clay loam	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	38-70	22-45
	62-72	Clay, silty clay	CH, CL	A-7	0	0	100	100	90-100	75-95	48-80	26-50

Engineering Index Properties, cont.

Greene 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	
KlC2:												
Kipling---------	0-3	Loam	CL, CL-ML, ML	A-4	0	0	100	100	90-100	70-90	0-30	NP-10
	3-62	Silty clay, clay, silty clay loam	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	38-70	22-45
	62-72	Clay, silty clay	CH, CL	A-7	0	0	100	100	90-100	75-95	48-80	26-50
KlD2:												
Kipling---------	0-3	Loam	CL, CL-ML, ML	A-4	0	0	100	100	90-100	70-90	0-30	NP-10
	3-62	Silty clay, clay, silty clay loam	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	38-70	22-45
	62-72	Clay, silty clay	CH, CL	A-7	0	0	100	100	90-100	75-95	48-80	26-50
LaB:												
Lakeland--------	0-17	Fine sand	SM, SP-SM	A-2-4, A-3	0	0	100	95-100	50-75	5-20	0-14	NP
	17-80	Sand, fine sand	SM, SP-SM	A-2-4, A-3	0	0	85-100	85-100	50-75	5-20	0-14	NP
Le:												
Leaf----------	0-9	Silt loam	CL, ML	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
LF:												
Angie----------	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	95-100	70-95	40-75	0-20	NP-5
	9-16	Clay, clay loam, silty clay	CL	A-6, A-7	0	0	95-100	95-100	85-100	70-98	30-50	10-25
	16-37	Clay, silty clay, silty clay loam	CH, CL, MH, ML	A-7	0	0	95-100	95-100	90-100	80-99	45-70	20-35
	37-49	Sandy clay loam, loam, clay loam	CL, SC	A-4, A-6	0	0	95-100	95-100	80-100	36-80	20-35	8-15
	49-90	Sandy clay loam, fine sandy loam, sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	95-100	95-100	60-90	30-50	0-20	NP-10
Leaf----------	0-9	Silt loam	CL, ML	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

Engineering Index Properties, cont.

Greene 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	
Lp:												
Leeper----------	0-8	Clay	CH, MH	A-7	0	0	100	100	90-100	80-95	58-72	26-40
	8-50	Clay, silty clay, silty clay loam	CH	A-7	0	0	100	100	95-100	80-97	52-75	30-50
MaD3:												
Macon----------	0-9	Loam	ML, SM	A-4	0	0	98-100	90-100	70-95	40-75	0-30	NP-4
	9-24	Clay loam, sandy clay loam, loam	CL, SC	A-6	0	0	98-100	95-100	80-95	45-75	30-40	11-17
	24-75	Clay loam, sandy clay loam, sandy clay	CL, SC	A-6, A-7	0	0	95-100	90-100	80-100	45-70	30-45	12-23
McA:												
Macon----------	0-9	Fine sandy loam	ML, SM	A-4	0	0	98-100	90-100	70-95	40-75	0-30	NP-4
	9-24	Clay loam, sandy clay loam, loam	CL, SC	A-6	0	0	98-100	95-100	80-95	45-75	30-40	11-17
	24-75	Clay loam, sandy clay loam, sandy clay	CL, SC	A-6, A-7	0	0	95-100	90-100	80-100	45-70	30-45	12-23
McB2:												
Macon----------	0-9	Fine sandy loam	ML, SM	A-4	0	0	98-100	90-100	70-95	40-75	0-30	NP-4
	9-24	Clay loam, sandy clay loam, loam	CL, SC	A-6	0	0	98-100	95-100	80-95	45-75	30-40	11-17
	24-75	Clay loam, sandy clay loam, sandy clay	CL, SC	A-6, A-7	0	0	95-100	90-100	80-100	45-70	30-45	12-23
McC2:												
Macon----------	0-9	Fine sandy loam	ML, SM	A-4	0	0	98-100	90-100	70-95	40-75	0-30	NP-4
	9-24	Clay loam, sandy clay loam, loam	CL, SC	A-6	0	0	98-100	95-100	80-95	45-75	30-40	11-17
	24-75	Clay loam, sandy clay loam, sandy clay	SC, CL	A-6, A-7	0	0	95-100	90-100	80-100	45-70	30-45	12-23

Engineering Index Properties, cont.

Greene 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	
MgA:												
Magnolia--------	0-5	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	72-97	17-38	0-25	NP-7
	5-11	Sandy clay loam, sandy clay	CL, ML, SC, SM	A-4, A-6	0	0	98-100	90-100	85-98	46-66	0-35	NP-13
	11-72	Sandy clay, clay, clay loam	CH, CL, ML, SC	A-6, A-7	0	0	98-100	95-100	75-99	45-72	25-52	11-25
MgB2:												
Magnolia--------	0-5	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	72-97	17-38	0-25	NP-7
	5-11	Sandy clay loam, sandy clay	CL, ML, SC, SM	A-4, A-6	0	0	98-100	90-100	85-98	46-66	0-35	NP-13
	11-72	Sandy clay, clay, clay loam	CH, CL, ML, SC	A-6, A-7	0	0	98-100	95-100	75-99	45-72	25-52	11-25
MgC2:												
Magnolia--------	0-5	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	72-97	17-38	0-25	NP-7
	5-11	Sandy clay loam, sandy clay	CL, ML, SC, SM	A-4, A-6	0	0	98-100	90-100	85-98	46-66	0-35	NP-13
	11-72	Sandy clay, clay, clay loam	CH, CL, ML, SC	A-6, A-7	0	0	98-100	95-100	75-99	45-72	25-52	11-25
MgD2:												
Magnolia--------	0-5	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	72-97	17-38	0-25	NP-7
	5-11	Sandy clay loam, sandy clay	CL, ML, SC, SM	A-4, A-6	0	0	98-100	90-100	85-98	46-66	0-35	NP-13
	11-72	Sandy clay, clay, clay loam	CH, CL, ML, SC	A-6, A-7	0	0	98-100	95-100	75-99	45-72	25-52	11-25
MnC3:												
Magnolia--------	0-5	Sandy clay loam	CL-ML, ML, SC-SM, SM	A-4	0	0	90-100	90-100	63-97	40-58	0-25	NP-7
	5-11	Sandy clay loam, sandy clay	CL, ML, SC, SM	A-4, A-6	0	0	98-100	90-100	85-98	46-66	0-35	NP-13
	11-72	Sandy clay, clay, clay loam	CH, CL, ML, SC	A-6, A-7	0	0	98-100	95-100	75-99	45-72	25-52	11-25

Engineering Index Properties, cont.

Greene 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	
Mr:												
Marietta--------	0-10	Silt loam	CL, CL-ML	A-4	0	0	100	100	90-100	65-90	20-30	5-10
	10-46	Silty clay loam, sandy clay loam, loam	CL, SC	A-4, A-6	0	0	100	100	85-100	45-90	25-40	8-20
	46-62	Silty clay loam, sandy clay, loam	CH, CL, SC	A-6, A-7	0	0	100	100	85-100	45-90	35-55	15-30
Leeper----------	0-8	Clay	CH, MH	A-7	0	0	100	100	90-100	80-95	58-72	26-40
	8-50	Clay, silty clay, silty clay loam	CH	A-7	0	0	100	100	95-100	80-97	52-75	30-50
Ms:												
Mashulaville----	0-26	Fine sandy loam	SC-SM, SM	A-2-4, A-4	0	0	100	100	60-85	30-50	0-25	NP-7
	26-62	Loam, silt loam	CL-ML, ML	A-4	0	0	100	100	85-100	55-80	0-25	NP-7
	26-62	Loam, clay loam, silt loam	CL, SC	A-4, A-6	0	0	100	100	85-100	40-90	25-40	8-20
My:												
Myatt----------	0-10	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	95-100	60-90	30-70	0-25	NP-5
	10-50	Loam, sandy clay loam, clay loam	CL, ML, SC, SM	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	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	75-100	60-90	60-80	30-70	15-40	5-20
Oc:												
Ochlockonee-----	0-6	Fine sandy loam	CL-ML, ML, SC-SM, 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	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	SC, SM, CL, ML	A-2, A-4	0	0	100	95-100	85-99	13-80	0-32	NP-9

Engineering Index Properties, cont.

Greene 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	
Oe:												
Ochlockonee-----	0-6	Fine sandy loam	CL-ML, ML, SC-SM, 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	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
OhB2:												
Oktibbeha-------	0-4	Clay	CH, CL, ML	A-7	0	0	100	95-100	90-100	75-95	42-64	19-34
	4-41	Clay	CH	A-7	0	0	100	95-100	95-100	95-100	55-65	30-40
	41-70	Clay, silty clay	CL	A-7	---	0-5	95-100	90-100	90-100	90-100	41-49	25-30
OkB2:												
Oktibbeha-------	0-4	Loam	CL, CL-ML	A-4, A-6	0	0	100	95-100	85-95	60-90	20-40	4-20
	4-41	Clay	CH	A-7	0	0	100	95-100	95-100	95-100	55-65	30-40
	41-70	Clay, silty clay	CL	A-7	---	0-5	95-100	90-100	90-100	90-100	41-49	25-30
OoC2:												
Oktibbeha-------	0-4	Clay loam	CL	A-6, A-7	0	0	100	95-100	90-100	70-100	32-50	12-28
	4-41	Clay	CH	A-7	0	0	100	95-100	95-100	95-100	55-65	30-40
	41-70	Clay, silty clay	CL	A-7	---	0-5	95-100	90-100	90-100	90-100	41-49	25-30
OoD2:												
Oktibbeha-------	0-4	Clay loam	CL	A-6, A-7	0	0	100	95-100	90-100	70-100	32-50	12-28
	4-41	Clay	CH	A-7	0	0	100	95-100	95-100	95-100	55-65	30-40
	41-70	Clay, silty clay	CL	A-7	---	0-5	95-100	90-100	90-100	90-100	41-49	25-30
OrA:												
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.

Greene 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	
OrB2:												
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
OrC2:												
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
RfB:												
Rumford---------	0-17	Sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	55-85	30-50	0-25	NP-6
	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	0-34	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	0-25	NP-6
RoE:												
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.

Greene 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	
RsA:												
Ruston----------	0-14	Fine sandy loam	CL-ML, SC, SC-SM, SM	A-4	0	0	95-100	85-100	70-95	40-70	0-30	NP-10
	14-41	Loam, sandy clay loam	CL-ML, SC, SC-SM, SM	A-4, A-6	0	0	90-100	85-100	80-95	36-70	15-35	2-15
	41-74	Loam, sandy clay loam, clay loam	CL, SC	A-4, A-6	0	0	85-100	80-100	80-95	40-70	20-40	8-18
RsB:												
Ruston----------	0-14	Fine sandy loam	CL-ML, SC, SC-SM, SM	A-4	0	0	95-100	85-100	70-95	40-70	0-30	NP-10
	14-41	Loam, sandy clay loam	CL-ML, SC, SC-SM, SM	A-4, A-6	0	0	90-100	85-100	80-95	36-70	15-35	2-15
	41-74	Loam, sandy clay loam, clay loam	CL, SC	A-4, A-6	0	0	85-100	80-100	80-95	40-70	20-40	8-18
RsC2:												
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
RsD2:												
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
RuB:												
Ruston----------	0-14	Fine sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	100	95-100	70-85	20-49	0-30	NP-10
	14-32	Sandy clay loam, loam, sandy loam	SC, SC-SM	A-2, A-4, A-6	0	0	100	95-100	70-100	30-49	20-35	4-15
	32-60	Loamy sand, sand	SM, SP, SP-SM	A-2, A-3	0	0	100	95-100	50-70	4-35	0-14	NP

Engineering Index Properties, cont.

Greene 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	
SaA:												
Savannah--------	0-11	Fine sandy loam	ML, SM	A-2-4, A-4	0	0	98-100	90-100	60-100	30-65	0-25	NP-4
	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
SaB:												
Savannah--------	0-11	Fine sandy loam	ML, SM	A-2-4, A-4	0	0	98-100	90-100	60-100	30-65	0-25	NP-4
	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
SaC2:												
Savannah--------	0-11	Fine sandy loam	ML, SM	A-2-4, A-4	0	0	98-100	90-100	60-100	30-65	0-25	NP-4
	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
SeA:												
Sawyer----------	0-5	Silt loam	CL, CL-ML, ML	A-4	0	0	95-100	95-100	85-100	60-90	0-30	NP-10
	5-29	Loam, clay loam, silty clay loam	CL	A-4, A-6, A-7	0	0	95-100	95-100	85-100	60-95	25-45	8-25
	29-80	Clay loam, clay	CH, CL	A-6, A-7	0	0	95-100	95-100	90-100	70-95	35-60	20-40
SfA:												
Sequatchie------	0-12	Fine sandy 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.

Greene 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	
SgC3:												
Shubuta---------	0-8	Loam	CL-ML, ML, SM, CL	A-2, A-4	0	0	95-100	95-100	70-95	30-75	0-30	NP-10
	8-52	Clay, sandy clay, clay loam	CH, CL, SC	A-7-6	0	0	95-100	95-100	95-100	45-90	41-70	16-40
	52-70	Clay, sandy clay, sandy clay loam	CH, CL, SC	A-6, A-7	0	0	95-100	95-100	80-100	40-80	35-60	15-40
ShA:												
Shubuta---------	0-8	Fine sandy loam	CL, CL-ML, ML, SM	A-2, A-4	0	0	95-100	95-100	70-95	30-75	0-30	NP-10
	8-52	Clay, sandy clay, clay loam	CH, CL, SC	A-7-6	0	0	95-100	95-100	95-100	45-90	41-70	16-40
	52-70	Clay, sandy clay, sandy clay loam	CH, CL, SC	A-7, A-6	0	0	95-100	95-100	80-100	40-80	35-60	15-40
ShB2:												
Shubuta---------	0-8	Fine sandy loam	CL, CL-ML, ML, SM	A-2, A-4	0	0	95-100	95-100	70-95	30-75	0-30	NP-10
	8-52	Clay, sandy clay, clay loam	CH, CL, SC	A-7-6	0	0	95-100	95-100	95-100	45-90	41-70	16-40
	52-70	Clay, sandy clay, sandy clay loam	CH, CL, SC	A-6, A-7	0	0	95-100	95-100	80-100	40-80	35-60	15-40
ShC2:												
Shubuta---------	0-8	Fine sandy loam	CL, CL-ML, ML, SM	A-2, A-4	0	0	95-100	95-100	70-95	30-75	0-30	NP-10
	8-52	Clay, sandy clay, clay loam	CH, CL, SC	A-7-6	0	0	95-100	95-100	95-100	45-90	41-70	16-40
	52-70	Clay, sandy clay, sandy clay loam	CH, CL, SC	A-6, A-7	0	0	95-100	95-100	80-100	40-80	35-60	15-40

Engineering Index Properties, cont.

Greene 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	
SmD2:												
Shubuta---------	0-8	Sandy loam	CL, CL-ML, ML, SM	A-2, A-4	0	0	95-100	95-100	70-95	30-75	0-30	NP-10
	8-52	Clay, sandy clay, clay loam	CH, CL, SC	A-7-6	0	0	95-100	95-100	95-100	45-90	41-70	16-40
	52-70	Clay, sandy clay, sandy clay loam	CH, CL, SC	A-6, A-7	0	0	95-100	95-100	80-100	40-80	35-60	15-40
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
SmD3:												
Shubuta---------	0-8	Sandy loam	CL, CL-ML, ML, SM	A-2, A-4	0	0	95-100	95-100	70-95	30-75	0-30	NP-10
	8-52	Clay, sandy clay, clay loam	CH, CL, SC	A-7-6	0	0	95-100	95-100	95-100	45-90	41-70	16-40
	52-70	Clay, sandy clay, sandy clay loam	CH, CL, SC	A-6, A-7	0	0	95-100	95-100	80-100	40-80	35-60	15-40
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.

Greene 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	
SNE:												
Shubuta---------	0-10	Sandy loam	SC-SM, SM	A-2, A-4	0	0	75-100	75-100	45-85	25-50	15-25	NP-7
	10-44	Very fine sandy loam, fine sandy loam, loamy fine sand	CL-ML, ML, SC-SM, SM	A-1, A-2, A-4	0	0	75-100	75-100	40-95	12-75	15-30	NP-10
	44-72	Clay, silty clay, clay loam	CH, CL, SC	A-7	0	0	85-100	85-100	70-100	40-95	45-70	20-40
Magnolia--------	0-5	Sandy loam	SC-SM, SM	A-2, A-4	0	0	90-100	85-100	72-97	17-38	0-25	NP-7
	5-11	Sandy clay loam, sandy clay	CL, ML, SC, SM	A-4, A-6	0	0	98-100	90-100	85-98	46-66	0-35	NP-13
	11-72	Sandy clay, clay, clay loam	CH, CL, ML, SC	A-6, A-7	0	0	98-100	95-100	75-99	45-72	25-52	11-25
St:												
Stough----------	0-20	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	100	100	65-85	35-65	0-25	NP-7
	20-26	Loam, fine sandy loam, sandy loam	CL, CL-ML, ML	A-4	---	0	100	100	75-95	50-75	0-25	8-15
	26-68	Sandy loam, sandy clay loam, loam	SC, SM	A-4, A-6	---	0	100	100	65-90	40-65	25-40	NP-7
SuB2:												
Sumter----------	0-10	Silty clay	CL	A-6, A-7	0	0	90-100	85-100	80-98	75-90	35-50	16-25
	10-21	Silty clay, clay, silty clay loam	CH, CL	A-6, A-7	0	0	85-100	78-98	75-95	75-95	35-55	16-32
	21-28	Channery silty clay loam, silty clay loam, silty clay	CH, CL	A-6, A-7	0	0	80-100	65-98	60-95	55-95	35-55	16-32
	28-60	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Greene 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	
SuC2:												
Sumter----------	0-10	Silty clay	CL	A-6, A-7	0	0	90-100	85-100	80-98	75-90	35-50	16-25
	10-21	Silty clay, clay, silty clay loam	CH, CL	A-6, A-7	0	0	85-100	78-98	75-95	75-95	35-55	16-32
	21-28	Channery silty clay loam, silty clay loam, silty clay	CH, CL	A-6, A-7	0	0	80-100	65-98	60-95	55-95	35-55	16-32
	28-60	Weathered bedrock			---	---	---	---	---	---	---	---
SuD2:												
Sumter----------	0-10	Silty clay	CL	A-6, A-7	0	0	90-100	85-100	80-98	75-90	35-50	16-25
	10-21	Silty clay, clay, silty clay loam	CH, CL	A-6, A-7	0	0	85-100	78-98	75-95	75-95	35-55	16-32
	21-28	Channery silty clay loam, silty clay loam, silty clay	CH, CL	A-6, A-7	0	0	80-100	65-98	60-95	55-95	35-55	16-32
	28-60	Weathered bedrock			---	---	---	---	---	---	---	---
SwB2:												
Sumter----------	0-10	Silty clay	CL	A-6, A-7	0	0	90-100	85-100	80-98	75-90	35-50	16-25
	10-21	Silty clay, clay, silty clay loam	CL, CH	A-6, A-7	0	0	85-100	78-98	75-95	75-95	35-55	16-32
	21-28	Channery silty clay loam, silty clay loam, silty clay	CH, CL	A-6, A-7	0	0	80-100	65-98	60-95	55-95	35-55	16-32
	28-60	Weathered bedrock			---	---	---	---	---	---	---	---
Watsonia--------	0-3	Silty clay	CH, CL	A-6, A-7	0	0	100	95-100	95-100	80-90	36-54	16-31
	3-12	Clay, silty clay	CH	A-7	0	0	100	95-100	95-100	95-100	65-85	45-60
	12-16	Clay, silty clay	CH	A-7	0	0	100	95-100	95-100	95-100	60-80	40-60
	16-30	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Greene 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	
SwE2:												
Sumter----------	0-10	Silty clay	CL	A-6, A-7	0	0	90-100	85-100	80-98	75-90	35-50	16-25
	10-21	Silty clay, clay, silty clay loam	CH, CL	A-6, A-7	0	0	85-100	78-98	75-95	75-95	35-55	16-32
	21-28	Channery silty clay loam, silty clay loam, silty clay	CH, CL	A-6, A-7	0	0	80-100	65-98	60-95	55-95	35-55	16-32
	28-60	Weathered bedrock			---	---	---	---	---	---	---	---
Watsonia--------	0-3	Silty clay	CH, CL	A-6, A-7	0	0	100	95-100	95-100	80-90	36-54	16-31
	3-12	Clay, silty clay	CH	A-7	0	0	100	95-100	95-100	95-100	65-85	45-60
	12-16	Clay, silty clay	CH	A-7	0	0	100	95-100	95-100	95-100	60-80	40-60
	16-30	Weathered bedrock			---	---	---	---	---	---	---	---
Tr:												
Trinity---------	0-6	Clay	CH, CL	A-7	0	0	100	100	95-100	85-100	45-52	24-30
	6-60	Silty clay, clay, silty clay loam	CH	A-7	0	0	100	100	95-100	85-100	50-75	28-50
TuE:												
Troup----------	0-53	Loamy sand	SM, SP-SM	A-2, A-4	0	0	95-100	90-100	50-90	10-40	0-14	NP
	53-80	Sandy clay loam, sandy loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	95-100	90-100	60-90	24-55	19-40	4-20
Lucy----------	0-24	Loamy sand	SM, SP-SM	A-2, A-4	0	0	98-100	95-100	50-90	10-40	0-14	NP
	24-35	Sandy loam, fine sandy loam, sandy clay loam	SC, SC-SM, SM	A-2, A-4, A-6	0	0	97-100	95-100	55-95	15-50	10-30	NP-15
	35-70	Sandy clay loam, clay loam, sandy clay	SC, SC-SM, SM	A-2, A-4, A-6	0	0	100	95-100	60-95	20-50	20-40	3-20

Engineering Index Properties, cont.

Greene 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	
VaA:												
Vaiden----------	0-4	Silty clay	CH, MH	A-7	0	0	100	100	95-100	70-90	50-60	20-30
	4-26	Clay	CH, MH	A-7	0	0	100	100	95-100	85-95	50-90	30-50
	26-80	Clay	CH	A-7	0	0	100	100	95-100	85-95	50-90	30-52
VaB2:												
Vaiden----------	0-4	Silty clay	CH, MH	A-7	0	0	100	100	95-100	70-90	50-60	20-30
	4-26	Clay	CH, MH	A-7	0	0	100	100	95-100	85-95	50-90	30-50
	26-80	Clay	CH	A-7	0	0	100	100	95-100	85-95	50-90	30-52
VaC2:												
Vaiden----------	0-4	Silty clay	CH, MH	A-7	0	0	100	100	95-100	70-90	50-60	20-30
	4-26	Clay	CH, MH	A-7	0	0	100	100	95-100	85-95	50-90	30-50
	26-80	Clay	CH	A-7	0	0	100	100	95-100	85-95	50-90	30-52
WaB:												
Wagram----------	0-22	Loamy fine sand	SM	A-2	0	0	100	100	50-95	15-35	0-14	NP
	22-50	Sandy loam, sandy clay loam, fine sandy loam	SC, SC-SM	A-2, A-4, A-6	0	0	100	100	60-100	30-50	21-40	4-21
	50-74	Sandy loam, sandy clay loam, sandy clay	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	100	100	60-95	25-60	20-40	4-18
WaC:												
Wagram----------	0-22	Loamy fine sand	SM, SP-SM	A-2, A-3	0	0	100	98-100	50-85	8-35	0-14	NP
	22-50	Sandy clay loam, sandy loam	SC	A-2, A-4, A-6, A-7	0	0	100	98-100	60-95	31-49	21-41	8-25
	50-74	Sandy loam, sandy clay			---	---	---	---	---	---	---	---