Engineering Index Properties

Chilton 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	
AaA:												
Altavista-------	0-12	Fine sandy loam	SC-SM, CL-ML, SM, ML	A-4	0	0	95-100	90-100	65-99	35-60	0-23	NP-7
	12-42	Clay loam, sandy clay loam, loam	CL-ML, SC, SC-SM, CL	A-4, A-6, A-7	0	0	95-100	95-100	60-99	45-75	20-45	5-28
	42-60	Variable			---	---	---	---	---	---	---	---
AwA:												
Angie----------	0-9	Fine sandy loam	ML, SC-SM, SM, CL-ML	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	SC, CL	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, SM, SC-SM	A-2, A-4	0	0	95-100	95-100	60-90	30-50	0-20	NP-10
Wickham---------	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	90-100	70-100	45-80	0-25	NP-7
	9-40	Sandy clay loam, clay loam, loam	CL, CL-ML, SC, SM	A-2, A-4, A-6, A-7-6	0	0	95-100	90-100	75-100	30-70	20-41	3-15
	40-70	Variable			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Chilton 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	
AwB:												
Angie----------	0-10	Fine sandy loam	SM, CL-ML, SC-SM, ML	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	CL, CH	A-7-6	0	0	95-100	90-100	85-100	75-95	41-55	18-29
Wickham---------	0-9	Fine sandy loam	ML, SM, SC-SM, CL-ML	A-4	0	0	95-100	90-100	70-100	45-80	0-25	NP-7
	9-40	Sandy clay loam, clay loam, loam	CL-ML, CL, SM, SC	A-2, A-4, A-6, A-7-6	0	0	95-100	90-100	75-100	30-70	20-41	3-15
	40-70	Variable			---	---	---	---	---	---	---	---
Bb:												
Bibb----------	0-12	Sandy loam	ML, SC-SM, SM, CL-ML	A-2, A-4	0	0-5	95-100	90-100	60-90	30-60	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
BdC:												
Bodine----------	0-8		GM, ML, SM, CL-ML	A-1-b, A-2, A-4	---	0-15	30-90	20-75	20-67	20-62	0-30	NP-7
	8-24	Stony silt loam	GC-GM, SC, GC, SC-SM	A-1, A-2, A-4, A-6	---	10-35	30-70	20-65	20-55	15-45	20-38	3-15
	24-72		GC, GM, SC, SM	A-2	---	10-35	20-70	15-65	15-45	12-35	26-42	8-16
BoC:												
Bodine----------	0-8		CL-ML, ML, SM, GM	A-1-b, A-2, A-4	---	0-15	30-90	20-75	20-67	20-62	0-30	NP-7
	8-24	Stony silt loam	GC-GM, SC, SC-SM, GC	A-1, A-2, A-4, A-6	---	10-35	30-70	20-65	20-55	15-45	20-38	3-15
	24-72		GC, GM, SC, SM	A-2	---	10-35	20-70	15-65	15-45	12-35	26-42	8-16
BoE:												
Bodine----------	0-8		SM, CL-ML, GM, ML	A-1-b, A-2, A-4	---	0-15	30-90	20-75	20-67	20-62	0-30	NP-7
	8-24	Stony silt loam	GC-GM, GC, SC, SC-SM	A-1, A-2, A-4, A-6	---	10-35	30-70	20-65	20-55	15-45	20-38	3-15
	24-72		SM, GC, GM, SC	A-2	---	10-35	20-70	15-65	15-45	12-35	26-42	8-16

Engineering Index Properties, cont.

Chilton 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	
BwA:												
Bowie----------	0-13	Fine sandy loam	SP-SM, SM	A-2, A-4	0	0	95-100	92-100	75-90	20-40	0-25	NP-5
	13-33	Sandy clay loam, sandy loam, fine sandy loam	SC, SC-SM, SM	A-2, A-4, A-6	0	0	95-100	92-100	60-90	23-49	0-40	NP-16
	33-60	Sandy clay loam, sandy clay	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6, A-7	0	0	95-100	92-100	70-95	30-53	25-45	4-23
BwB:												
Bowie----------	0-13	Fine sandy loam	SP-SM, SM	A-2, A-4	0	0	95-100	92-100	75-90	20-40	0-25	NP-5
	13-33	Sandy clay loam, sandy loam, fine sandy loam	SC-SM, SC, SM	A-2, A-4, A-6	0	0	95-100	92-100	60-90	23-49	0-40	NP-16
	33-60	Sandy clay loam, sandy clay	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6, A-7	0	0	95-100	92-100	70-95	30-53	25-45	4-23
BwC:												
Bowie----------	0-13	Fine sandy loam	SP-SM, SM	A-2, A-4	0	0	95-100	92-100	75-90	20-40	0-25	NP-5
	13-33	Sandy clay loam, sandy loam, fine sandy loam	SM, SC, SC-SM	A-2, A-4, A-6	0	0	95-100	92-100	60-90	23-49	0-40	NP-16
	33-60	Sandy clay loam, sandy clay	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6, A-7	0	0	95-100	92-100	70-95	30-53	25-45	4-23
Co:												
Congaree--------	0-8	Silt loam	CL, CL-ML, ML	A-4	0	0	95-100	95-100	70-100	51-90	20-35	3-10
	8-38	Silty clay loam, fine sandy loam, loam	SM, CL, ML, SC	A-4, A-6, A-7	0	0	95-100	95-100	70-100	40-90	25-50	3-22
	38-80	Variable			---	---	---	---	---	---	---	---
EuB:												
Eustis----------	0-6	Loamy fine sand	SM, SP-SM	A-2-4, A-3	0	0	100	100	90-100	5-16	0-14	NP
	6-24	Sand, fine sand, loamy fine sand	SM, SP-SM	A-2-4, A-3	0	0	100	100	90-100	5-16	0-14	NP
	24-76	Loamy fine sand, loamy sand	SM	A-2-4	0	0	100	100	90-100	15-25	0-14	NP
	76-98	Sand, fine sand	SP-SM	A-2-4, A-3	0	0	100	100	90-100	5-12	0-14	NP

Engineering Index Properties, cont.

Chilton 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	
EuD:												
Eustis----------	0-6	Loamy fine sand	SP-SM, SM	A-2-4, A-3	0	0	100	100	90-100	5-16	0-14	NP
	6-24	Sand, fine sand, loamy fine sand	SP-SM, SM	A-2-4, A-3	0	0	100	100	90-100	5-16	0-14	NP
	24-76	Loamy fine sand, loamy sand	SM	A-2-4	0	0	100	100	90-100	15-25	0-14	NP
	76-98	Sand, fine sand	SP-SM	A-2-4, A-3	0	0	100	100	90-100	5-12	0-14	NP
GbC:												
Guin----------	0-9	Gravelly loamy sand	GM, GP-GM, SM, SP-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	SC-SM, GC-GM, GM, GP-GM	A-1, A-2	---	0-10	30-70	25-65	20-50	10-35	0-25	NP-7
Bowie----------	0-13	Sandy loam	SP-SM, SM	A-2, A-4	0	0	95-100	92-100	75-90	20-40	0-25	NP-5
	13-33	Sandy clay loam, sandy loam, fine sandy loam	SC, SC-SM, SM	A-2, A-4, A-6	0	0	95-100	92-100	60-90	23-49	0-40	NP-16
	33-60	Sandy clay loam, sandy clay	SC-SM, CL, CL-ML, SC	A-2, A-4, A-6, A-7	0	0	95-100	92-100	70-95	30-53	25-45	4-23

Engineering Index Properties, cont.

Chilton 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	
GbE:												
Guin----------	0-9	Gravelly loamy sand	GM, GP-GM, SM, SP-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
Bowie----------	0-8	Sandy loam	SM, SC-SM	A-2, A-4	0	0	95-100	90-100	75-90	20-40	0-20	NP-5
	8-19	Fine sandy loam, sandy loam, sandy clay loam	SM, SC, SC-SM	A-2, A-4, A-6	0	0	95-100	90-100	60-95	23-45	20-40	NP-15
	19-25	Sandy clay loam, sandy clay, clay loam	SM, SC	A-2-6, A-6, A-7	0	0	95-100	90-100	60-95	25-50	20-54	5-25
	25-60	Sandy loam, sandy clay loam, clay loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6, A-7	0	0	85-100	80-100	60-95	25-58	25-53	5-20
Gu:												
Gullied Land----	0-7	Sandy clay loam	CL, ML, SC, SM	A-4, A-6	---	0-5	90-100	85-100	80-100	40-70	22-38	3-16
	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
HaA:												
Harleston-------	0-9	Sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	90-100	85-100	60-85	30-55	0-25	NP-7
	9-60	Sandy loam, loam	CL, CL-ML, SC, SC-SM	A-2, A-4	0	0	90-100	85-100	60-95	30-70	20-30	5-10
	60-72	Sandy loam, loam, sandy clay loam	CL-ML, CL, SC, SC-SM	A-2, A-4, A-6	0	0	90-100	85-100	60-95	30-70	20-35	5-13

Engineering Index Properties, cont.

Chilton 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	
HaB:												
Harleston-------	0-9	Sandy loam	SM, CL-ML, ML, SC-SM	A-2, A-4	0	0	90-100	85-100	60-85	30-55	0-25	NP-7
	9-60	Sandy loam, loam	CL-ML, CL, SC, SC-SM	A-2, A-4	0	0	90-100	85-100	60-95	30-70	20-30	5-10
	60-72	Sandy loam, loam, sandy clay loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	90-100	85-100	60-95	30-70	20-35	5-13
HeB:												
Hartsells-------	0-11	Sandy loam	CL, SC-SM, CL-ML, SC	A-2, A-4	0	0-3	90-100	85-100	55-93	30-60	0-30	NP-8
	11-30	Loam, sandy clay loam, clay loam	CL, ML, SC	A-4, A-6, A-7	0	0-3	95-100	90-100	60-95	40-80	30-50	8-24
	30-42	Fine sandy loam, loam, sandy clay loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0-5	90-100	85-100	55-90	35-65	18-34	4-15
	42-60	Weathered bedrock			---	---	---	---	---	---	---	---
HeC:												
Hartsells-------	0-11	Sandy loam	CL, CL-ML, SC, SC-SM	A-2, A-4	0	0-3	90-100	85-100	55-93	30-60	0-30	NP-8
	11-30	Loam, sandy clay loam, clay loam	SC, CL, ML	A-4, A-6, A-7	0	0-3	95-100	90-100	60-95	40-80	30-50	8-24
	30-42	Fine sandy loam, loam, sandy clay loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0-5	90-100	85-100	55-90	35-65	18-34	4-15
	42-60	Weathered bedrock			---	---	---	---	---	---	---	---
HsB2:												
Hiwassee--------	0-7	Clay loam	CL, CL-ML, ML	A-4, A-6, A-7-6	0	0-2	95-100	95-100	88-100	50-85	25-49	3-23
	7-61	Clay, silty clay, clay loam	MH, ML	A-7-5, A-7-6	0	0-2	95-100	95-100	80-100	51-95	40-80	12-36
	61-70	Sandy loam, loam, sandy clay loam	SM, CL, ML, SC-SM	A-4, A-6, A-7	0	0-5	90-100	85-99	60-90	36-70	20-49	4-20

Engineering Index Properties, cont.

Chilton 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	
HsC2:												
Hiwassee--------	0-7	Clay loam	CL, CL-ML, ML	A-4, A-6, A-7-6	0	0-2	95-100	95-100	88-100	50-85	25-49	3-23
	7-61	Clay, silty clay, clay loam	MH, ML	A-7-5, A-7-6	0	0-2	95-100	95-100	80-100	51-95	40-80	12-36
	61-70	Sandy loam, loam, sandy clay loam	CL, ML, SC-SM, SM	A-4, A-6, A-7	0	0-5	90-100	85-99	60-90	36-70	20-49	4-20
HsD2:												
Hiwassee--------	0-7	Clay loam	ML, CL, CL-ML	A-4, A-6, A-7-6	0	0-2	95-100	95-100	88-100	50-85	25-49	3-23
	7-61	Clay, silty clay, clay loam	MH, ML	A-7-5, A-7-6	0	0-2	95-100	95-100	80-100	51-95	40-80	12-36
	61-70	Sandy loam, loam, sandy clay loam	SC-SM, CL, SM, ML	A-4, A-6, A-7	0	0-5	90-100	85-99	60-90	36-70	20-49	4-20
IwA:												
Iredell---------	0-7	Gravelly loam	ML, SC, SM, GM	A-2-4, A-4	5-10	1-5	65-85	65-80	60-75	30-60	20-35	2-10
	7-24	Clay	CH	A-7	0	0	99-100	60-100	60-100	55-95	54-115	29-85
	24-27	Loam, sandy clay loam, clay loam	CH, CL, SC	A-7	0-1	0-1	98-100	85-100	70-95	40-75	41-60	20-39
	27-62	Variable			---	---	---	---	---	---	---	---
Wilkes----------	0-7	Gravelly loam	GM, ML, SC, SM	A-2-4, A-4	5-10	1-5	65-85	65-80	60-75	30-60	20-35	2-10
	7-24	Clay	CH	A-7	0	0	99-100	60-100	60-100	55-95	54-115	29-85
	24-27	Loam, sandy clay loam, clay loam	CL, SC, CH	A-7	0-1	0-1	98-100	85-100	70-95	40-75	41-60	20-39
	27-62	Variable			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Chilton 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	
IwC:												
Iredell---------	0-7	Gravelly loam	SM, GM, ML, SC	A-2-4, A-4	5-10	1-5	65-85	65-80	60-75	30-60	20-35	2-10
	7-24	Clay	CH	A-7	0	0	99-100	60-100	60-100	55-95	54-115	29-85
	24-27	Loam, sandy clay loam, clay loam	SC, CL, CH	A-7	0-1	0-1	98-100	85-100	70-95	40-75	41-60	20-39
	27-62	Variable			---	---	---	---	---	---	---	---
Wilkes----------	0-6	Gravelly loam	SC-SM, SM	A-1-b, A-2, A-4	---	5-15	70-80	60-75	45-75	20-49	0-20	NP-7
	6-13	Clay loam, clay, sandy clay loam	CH, CL	A-6, A-7	---	0-10	80-100	80-100	75-96	50-85	30-60	11-35
	13-48	Weathered bedrock			---	---	---	---	---	---	---	---
LeB:												
Linker----------	0-11	Sandy loam	CL, CL-ML, SC, SC-SM	A-2, A-4	0	0-3	90-100	85-100	55-93	30-60	0-30	NP-8
	11-30	Loam, sandy clay loam, clay loam	CL, ML, SC	A-4, A-6, A-7	0	0-3	95-100	90-100	60-95	40-80	30-50	8-24
	30-42	Fine sandy loam, loam, sandy clay loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0-5	90-100	85-100	55-90	35-65	18-34	4-15
	42-60	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Chilton 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	
LgC:												
Linker----------	0-5	Fine sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	75-100	75-100	55-85	30-50	0-30	NP-10
	5-25	Gravelly fine sandy loam, gravelly loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-1, A-2, A-4, A-6	0	0-5	55-100	50-100	40-95	20-75	20-40	4-20
	25-35	Sandy clay loam, loam, gravelly clay loam	CL, GC, SC	A-2, A-6	0	0-10	55-100	55-100	40-95	20-80	30-40	10-20
	35-37	Gravelly sandy clay loam, gravelly fine sandy loam, sandy clay loam	CL, GC, SC	A-2, A-4, A-6	0	0-10	50-100	40-100	25-95	15-80	25-40	8-20
	37-60	Unweathered bedrock			0	---	---	---	---	---	0-14	---
LkD:												
Linker----------	0-5	Fine sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	75-100	75-100	55-85	30-50	0-30	NP-10
	5-25	Gravelly fine sandy loam, gravelly loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-1, A-2, A-4, A-6	0	0-5	55-100	50-100	40-95	20-75	20-40	4-20
	25-35	Sandy clay loam, loam, gravelly clay loam	CL, GC, SC	A-2, A-6	0	0-10	55-100	55-100	40-95	20-80	30-40	10-20
	35-37	Gravelly sandy clay loam, gravelly fine sandy loam, sandy clay loam	CL, GC, SC	A-2, A-4, A-6	0	0-10	50-100	40-100	25-95	15-80	25-40	8-20
	37-60	Unweathered bedrock			0	---	---	---	---	---	0-14	---
LuA:												
Lucedale--------	0-8	Fine sandy loam	ML, SM	A-2, A-4	0	0	100	95-100	80-95	25-65	0-30	NP-3
	8-60	Sandy clay loam, clay loam, loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	95-100	95-100	80-100	30-75	25-40	4-15

Engineering Index Properties, cont.

Chilton 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	
LuB:												
Lucedale--------	0-8	Fine sandy loam	ML, SM	A-2, A-4	0	0	100	95-100	80-95	25-65	0-30	NP-3
	8-60	Sandy clay loam, clay loam, loam	SC, CL, SC-SM, CL-ML	A-2, A-4, A-6	0	0	95-100	95-100	80-100	30-75	25-40	4-15
LuC:												
Lucedale--------	0-8	Fine sandy loam	ML, SM	A-2, A-4	0	0	100	95-100	80-95	25-65	0-30	NP-3
	8-60	Sandy clay loam, clay loam, loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	95-100	95-100	80-100	30-75	25-40	4-15
LvB:												
Luverne---------	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
LvB2:												
Luverne---------	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

Engineering Index Properties, cont.

Chilton 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	
LvC:												
Luverne---------	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	SM, MH, ML	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
LvC2:												
Luverne---------	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-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-2, A-4, A-6, A-7	---	0-5	90-100	85-100	70-100	25-65	28-49	3-16
LvD2:												
Luverne---------	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

Engineering Index Properties, cont.

Chilton 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	
LwC2:												
Luverne---------	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
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
LwD2:												
Luverne---------	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
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

Engineering Index Properties, cont.

Chilton 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	
LwF:												
Luverne---------	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
Boswell---------	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
McB:												
Mclaurin--------	0-14	Sandy loam	SM	A-4	0	0	90-100	85-100	70-85	36-45	0-30	NP-4
	14-38	Fine sandy loam, sandy loam, loam	CL-ML, SC-SM, SM	A-4	0	0	90-100	85-100	60-85	36-55	15-22	3-7
	38-60	Sandy clay loam, fine sandy loam, loam	CL, SC	A-4, A-6	0	0	90-100	85-100	80-95	36-70	25-35	8-15
McC:												
Mclaurin--------	0-14	Sandy loam	SM	A-4	0	0	90-100	85-100	70-85	36-45	0-30	NP-4
	14-38	Fine sandy loam, sandy loam, loam	CL-ML, SC-SM, SM	A-4	0	0	90-100	85-100	60-85	36-55	15-22	3-7
	38-60	Sandy clay loam, fine sandy loam, loam	SC, CL	A-4, A-6	0	0	90-100	85-100	80-95	36-70	25-35	8-15

Engineering Index Properties, cont.

Chilton 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	
McD:												
Mclaurin--------	0-14	Sandy loam	SM	A-4	0	0	90-100	85-100	70-85	36-45	0-30	NP-4
	14-38	Fine sandy loam, sandy loam, loam	SM, CL-ML, SC-SM	A-4	0	0	90-100	85-100	60-85	36-55	15-22	3-7
	38-60	Sandy clay loam, fine sandy loam, loam	CL, SC	A-4, A-6	0	0	90-100	85-100	80-95	36-70	25-35	8-15
MdB2:												
Madison---------	0-3	Gravelly sandy loam	SM	A-2	0-2	0-3	75-90	70-85	55-75	15-30	0-30	NP-3
	3-29	Sandy clay, clay loam, clay	MH, ML	A-6, A-7	0-1	0-1	80-100	80-100	60-95	51-75	38-65	11-30
	29-52	Clay loam, sandy clay loam, sandy loam	SC-SM, CL, CL-ML, SC	A-2, A-4, A-6	0-1	0-2	80-100	70-100	60-80	30-60	20-35	5-15
	52-70	Sandy loam, fine sandy loam, loam	SM, SC-SM	A-2-4, A-4	0-1	0-2	80-100	70-100	60-80	30-50	0-28	NP-6
MdC2:												
Madison---------	0-3	Gravelly sandy loam	SM	A-2	0-2	0-3	75-90	70-85	55-75	15-30	0-30	NP-3
	3-29	Sandy clay, clay loam, clay	ML, MH	A-6, A-7	0-1	0-1	80-100	80-100	60-95	51-75	38-65	11-30
	29-52	Clay loam, sandy clay loam, sandy loam	CL-ML, SC, SC-SM, CL	A-2, A-4, A-6	0-1	0-2	80-100	70-100	60-80	30-60	20-35	5-15
	52-70	Sandy loam, fine sandy loam, loam	SM, SC-SM	A-2-4, A-4	0-1	0-2	80-100	70-100	60-80	30-50	0-28	NP-6

Engineering Index Properties, cont.

Chilton 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	
MdD2:												
Madison---------	0-3	Gravelly sandy loam	SM	A-2	0-2	0-3	75-90	70-85	55-75	15-30	0-30	NP-3
	3-29	Sandy clay, clay loam, clay	MH, ML	A-6, A-7	0-1	0-1	80-100	80-100	60-95	51-75	38-65	11-30
	29-52	Clay loam, sandy clay loam, sandy loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0-1	0-2	80-100	70-100	60-80	30-60	20-35	5-15
	52-70	Sandy loam, fine sandy loam, loam	SC-SM, SM	A-2-4, A-4	0-1	0-2	80-100	70-100	60-80	30-50	0-28	NP-6
MsA:												
Masada----------	0-6	Silt loam	ML	A-4	0	0	94-100	85-100	70-98	60-90	28-40	NP-8
	6-42	Silty clay loam, silt loam, loam	ML	A-4, A-6, A-7	0	0	95-100	95-100	85-98	60-95	35-45	7-14
	42-60	Sandy loam, loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	89-100	60-95	30-75	0-35	NP-7
Mt:												
Myatt----------	0-10	Loam	CL-ML, 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, SC, ML, CL	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

Engineering Index Properties, cont.

Chilton 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	
MYA:												
Myatt----------	0-10	Loam	CL-ML, 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	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
Bibb----------	0-12	Sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0-5	95-100	90-100	60-90	30-60	0-25	NP-7
	12-60	Sandy loam, loam, silt loam	SM, SC-SM, CL-ML, ML	A-2, A-4	0	0-10	60-100	50-100	40-100	30-90	0-30	NP-7
OrA:												
Ora----------	0-7	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
OrB:												
Ora----------	0-7	Sandy loam	CL-ML, SC-SM, 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

Engineering Index Properties, cont.

Chilton 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	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-7, A-6, A-4	0	0	100	95-100	80-100	50-80	25-48	8-22
	26-56	Sandy clay loam, loam, sandy loam	CL	A-6, A-7, A-4	0	0	100	95-100	80-100	50-75	25-43	8-25
	56-70	Sandy clay loam, loam, sandy loam	CL	A-7, A-6	0	0	100	95-100	80-98	50-60	30-49	11-30
OrC:												
Ora----------	0-7	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-6, A-4, 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-7, A-4, A-6	0	0	100	95-100	80-100	50-75	25-43	8-25
	56-70	Sandy clay loam, loam, sandy loam	CL	A-7, A-6	0	0	100	95-100	80-98	50-60	30-49	11-30
OrC2:												
Ora----------	0-7	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-7, A-4, A-6	0	0	100	95-100	80-100	50-80	25-48	8-22
	26-56	Sandy clay loam, loam, sandy loam	CL	A-7, A-6, A-4	0	0	100	95-100	80-100	50-75	25-43	8-25
	56-70	Sandy clay loam, loam, sandy loam	CL	A-7, A-6	0	0	100	95-100	80-98	50-60	30-49	11-30

Engineering Index Properties, cont.

Chilton 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	
Ro:												
Rock Land-------	0-6	Stony sandy loam	GC-GM, GM	A-2, A-4	5-25	15-35	60-95	60-90	60-90	15-65	0-30	NP-7
	6-14	Sandy loam, gravelly sandy loam, loam	GC-GM, GM, ML, SM	A-2, A-4	0-5	0-15	55-100	55-100	45-100	30-65	0-30	NP-7
	14-18	Unweathered bedrock			---	---	---	---	---	---	---	---
RsA:												
Ruston----------	0-14	Fine sandy loam	SM, CL-ML, SC, SC-SM	A-4	0	0	95-100	85-100	70-95	40-70	0-30	NP-10
	14-41	Loam, sandy clay loam	SM, SC-SM, CL-ML, SC	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	SC, SC-SM, SM, CL-ML	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	SC, CL	A-4, A-6	0	0	85-100	80-100	80-95	40-70	20-40	8-18
RsC:												
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	SC, SC-SM, SM, CL-ML	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----------	0-14	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	SC, SC-SM, SM, CL-ML	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

Engineering Index Properties, cont.

Chilton 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	
RsD2:												
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
RTE:												
Ruston----------	0-11	Sandy loam	SC-SM, SM	A-4, A-2	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-38	Clay loam, sandy clay loam, loam	SC-SM, CL, CL-ML, SC	A-6, A-4	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
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, SC-SM, SM, ML	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	CL, SC, CH	A-7	0	0	85-100	85-100	70-100	40-95	45-70	20-40
Troup----------	0-53	Loamy sand	SP-SM, 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-ML, SC, SC-SM, CL	A-4, A-2, A-6	0	0	95-100	90-100	60-90	24-55	19-40	4-20

Engineering Index Properties, cont.

Chilton 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	
RTF:												
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-SM, SC	A-6, A-4	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-80	Loam, sandy loam	ML, SC, SM, CL	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
Shubuta---------	0-10	Sandy loam	SM, SC-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
Troup----------	0-53	Loamy sand	SP-SM, SM	A-4, A-2	0	0	95-100	90-100	50-90	10-40	0-14	NP
	53-80	Sandy clay loam, sandy loam, fine sandy loam	CL-ML, SC, SC-SM, CL	A-6, A-4, A-2	0	0	95-100	90-100	60-90	24-55	19-40	4-20
SaB:												
Saffell---------	0-8	Gravelly sandy loam	GC-GM, GM, SC-SM, SM	A-1, A-2, A-4	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-1, A-2, A-4, A-6	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

Engineering Index Properties, cont.

Chilton 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	
SaC:												
Saffell---------	0-8	Gravelly sandy loam	GC-GM, GM, SC-SM, SM	A-1, A-2, A-4	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-1, A-2, A-4, A-6	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
SaD:												
Saffell---------	0-8	Gravelly sandy loam	GM, SC-SM, SM, GC-GM	A-1, A-2, A-4	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-6, A-1, A-2, A-4	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

Engineering Index Properties, cont.

Chilton 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---------	0-8	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
TaD:												
Talladega-------	0-9	Channery silt loam	GM, SC, SC-SM, SM	A-1, A-2, A-4	0	3-5	50-75	50-60	38-55	20-40	0-30	NP-10
	9-22	Channery clay loam, channery silt loam, channery silty clay loam	GC, GM, SC, SM	A-2, A-4, A-6	0-3	5-10	40-75	35-50	30-45	30-45	30-40	7-15
	22-26	Variable			---	---	---	---	---	---	---	---
	26-30	Weathered bedrock			---	---	---	---	---	---	---	---
TaF:												
Talladega-------	0-9	Channery silt loam	GM, SC, SC-SM, SM	A-1, A-2, A-4	0	3-5	50-75	50-60	38-55	20-40	0-30	NP-10
	9-22	Channery clay loam, channery silt loam, channery silty clay loam	GC, GM, SC, SM	A-2, A-4, A-6	0-3	5-10	40-75	35-50	30-45	30-45	30-40	7-15
	22-26	Variable			---	---	---	---	---	---	---	---
	26-30	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Chilton 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	
TmF:												
Tallapoosa------	0-4	Loam	ML, SM	A-4, A-5	0-5	0-10	85-100	85-95	60-80	35-55	38-48	1-9
	4-10	Silty clay loam, clay loam, loam	CL, ML	A-4, A-6	0-5	0-10	85-100	85-100	70-85	50-70	28-39	3-14
	10-19	Loam	ML, SM	A-4	0-5	0-15	80-90	75-85	60-70	40-55	0-36	NP-6
	19-60	Weathered bedrock			---	---	---	---	---	---	---	---
Madison---------	0-3	Gravelly sandy loam	SM	A-2	0-2	0-3	75-90	70-85	55-75	15-30	0-30	NP-3
	3-29	Sandy clay, clay loam, clay	MH, ML	A-6, A-7	0-1	0-1	80-100	80-100	60-95	51-75	38-65	11-30
	29-52	Clay loam, sandy clay loam, sandy loam	CL-ML, SC, SC-SM, CL	A-2, A-4, A-6	0-1	0-2	80-100	70-100	60-80	30-60	20-35	5-15
	52-70	Sandy loam, fine sandy loam, loam	SC-SM, SM	A-2-4, A-4	0-1	0-2	80-100	70-100	60-80	30-50	0-28	NP-6
TnB:												
Tatum----------	0-6	Gravelly loam	GM, ML, SM	A-4	---	0-10	60-80	55-75	45-75	40-70	18-32	NP-10
	6-42	Silty clay loam, silty clay, gravelly clay	GC, GM, MH, SM	A-7	---	0-10	60-100	55-95	50-95	45-90	50-80	20-45
	42-46	Weathered bedrock			---	---	---	---	---	---	---	---
TnD:												
Tatum----------	0-6	Gravelly loam	GM, ML, SM	A-4	---	0-10	60-80	55-75	45-75	40-70	18-32	NP-10
	6-42	Silty clay loam, silty clay, gravelly clay	GC, GM, MH, SM	A-7	---	0-10	60-100	55-95	50-95	45-90	50-80	20-45
	42-46	Weathered bedrock			---	---	---	---	---	---	---	---
To:												
Toccoa----------	0-10	Fine sandy loam	ML, SM	A-2, A-4	0	0	95-100	95-100	50-85	30-55	0-30	NP-4
	10-60	Sandy loam, loam	ML, SM	A-2, A-4	0	0	95-100	90-100	60-100	30-55	0-30	NP-4

Engineering Index Properties, cont.

Chilton 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	
Tr:												
Toccoa----------	0-10	Sandy loam	ML, SM	A-2, A-4	0	0	95-100	95-100	50-85	30-55	0-30	NP-4
	10-60	Sandy loam, loam	ML, SM	A-2, A-4	0	0	95-100	90-100	60-100	30-55	0-30	NP-4
TuB:												
Troup----------	0-53	Loamy fine 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
TuC:												
Troup----------	0-53	Loamy fine 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
TuD:												
Troup----------	0-53	Loamy fine 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
We:												
Wehadkee--------	0-8	Loam	SC, SC-SM, SM	A-2, A-4	0	0	100	95-100	60-90	30-50	0-30	NP-10
	8-40	Silt loam, silty clay loam, very fine sandy loam	CL, CL-ML, ML, SC	A-4, A-6, A-7	0	0	100	99-100	85-100	45-98	20-58	6-25
	40-50	Variable			---	---	---	---	---	---	---	---