Engineering Index Properties

Conecuh 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	
ArE:												
Arundel---------	0-7	Loamy fine sand	SM	A-2, A-4	---	0-6	85-100	80-95	60-90	19-45	0-14	NP
	7-24	Silty clay loam, silty clay, clay	CL, CH	A-7	---	0-15	85-100	80-100	80-100	65-90	44-70	22-41
	24-60	Weathered bedrock			---	---	---	---	---	---	0-14	---
AtA:												
Atmore----------	0-14	Fine sandy loam	SC-SM, CL-ML, ML, SM	A-4	0	0	90-100	90-100	75-90	40-70	0-25	NP-7
	14-38	Loam, silt loam, fine sandy loam	CL-ML, ML	A-4	0	0	80-100	80-100	80-96	55-80	0-25	NP-7
	38-62	Silt loam, clay loam, silty clay loam	SM, CL, ML, SC	A-4, A-6	0	0	78-100	75-100	70-96	40-70	20-40	2-18
BbA:												
Bibb----------	0-32	Sandy loam	SM, SC-SM, CL-ML, ML	A-2, A-4	0	0-5	95-100	90-100	60-90	30-60	0-25	NP-7
	32-60	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
BgA:												
Bigbee----------	0-6	Sand	SM, SP-SM	A-2-4, A-3	0	0	100	95-100	50-75	5-20	0-14	NP
	6-80	Sand, fine sand	SP-SM, SM	A-2-4, A-3	0	0	85-100	85-100	50-75	5-20	0-14	NP

Engineering Index Properties, cont.

Conecuh 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	
BoA:												
Bonneau---------	0-28	Loamy sand	SM	A-2	0	0	100	100	50-95	15-35	0-14	NP
	28-43	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
	43-72	Sandy loam, sandy clay loam, sandy clay	CL, CL-ML, SC, SC-SM	A-6, A-2, A-4	0	0	100	100	60-95	25-60	20-40	4-18
CaA:												
Cahaba----------	0-14	Sandy loam	SM	A-2-4, A-4	0	0	95-100	95-100	65-90	30-45	0-14	NP
	14-37	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
	37-72	Sand, loamy sand, sandy loam	SM, SP-SM	A-2-4	0	0	95-100	90-100	60-85	10-35	0-14	NP
CbA:												
Cahaba----------	0-12	Sandy loam	SM	A-2-4, A-4	0	0	95-100	95-100	65-90	30-45	0-14	NP
	12-37	Sandy clay loam, loam, clay loam	SC, CL	A-4, A-6	0	0	90-100	80-100	75-90	40-75	22-35	8-15
	37-80	Sand, loamy sand, sandy loam	SM, SP-SM	A-2-4	0	0	95-100	90-100	60-85	10-35	0-14	NP
Bigbee----------	0-6	Sand	SM, SP-SM	A-2-4, A-3	0	0	100	95-100	50-75	5-20	0-14	NP
	6-80	Sand, fine sand	SP-SM, SM	A-2-4, A-3	0	0	85-100	85-100	50-75	5-20	0-14	NP

Engineering Index Properties, cont.

Conecuh 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	
ChA:												
Chrysler--------	0-6	Fine sandy loam	ML, SM	A-4	0	0	95-100	95-100	70-100	40-75	0-30	NP-7
	6-72	Silty clay loam, silty clay, clay	CH, CL, MH, ML	A-7	0	0	95-100	95-100	90-100	85-100	45-70	15-35
	72-90	Stratified sandy loam to clay			0	0	95-100	95-100	70-100	40-100	---	---
Yonges----------	0-3	Loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	60-90	20-35	3-15
	3-57	Sandy clay loam, clay loam, sandy clay	CL, CL-ML, SC-SM, SC	A-4, A-6, A-7	0	0	100	100	95-100	40-70	20-45	6-28
	57-90	Fine sandy loam, sandy loam, sandy clay loam	ML, SC, SM, CL	A-4, A-6	0	0	100	100	95-100	40-65	20-40	3-22
	60-80	Variable			---	---	---	---	---	---	---	---
CoC:												
Conecuh---------	0-3	Sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	95-100	70-100	40-70	0-20	NP-5
	3-50	Clay, silty clay	CH, ML, MH	A-7	0	0	95-100	95-100	90-100	80-98	45-70	15-45
	50-72	Variable			---	---	---	---	---	---	---	---
CwC:												
Cowarts---------	0-11	Sandy loam	SM, SC-SM	A-2, A-4	0	0	95-100	90-100	75-90	20-40	0-20	NP-5
	11-18	Fine sandy loam, sandy loam, sandy clay loam	SC, SC-SM, SM	A-2, A-4, A-6	0	0	95-100	90-100	60-95	23-45	20-40	NP-15
	18-25	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

Engineering Index Properties, cont.

Conecuh 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	
FuB:												
Fuquay----------	0-29	Loamy sand	SP-SM, SM	A-2, A-3	0	0	95-100	90-100	50-83	5-35	0-14	NP
	29-35	Sandy loam, fine sandy loam, sandy clay loam	SC, SC-SM, SM	A-2, A-4, A-6	0	0	85-100	85-100	70-90	23-45	0-45	NP-13
	35-75	Sandy clay loam	SC, SC-SM, SM	A-2, A-4, A-6, A-7-6	0	0	95-100	90-100	58-90	28-49	25-45	4-13
GrA:												
Greenville------	0-9	Sandy loam	SC, CL-ML, SC-SM, 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
GrB:												
Greenville------	0-9	Sandy loam	CL-ML, SC, SC-SM, 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
GuC:												
Greenville------	0-9	Sandy loam	CL-ML, SC, SC-SM, 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
Urban Land------	0-60	Variable			---	---	---	---	---	---	0-14	---

Engineering Index Properties, cont.

Conecuh 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	
GyC:												
Gritney---------	0-13	Fine sandy loam	ML, SC, SC-SM, SM	A-2, A-4	0	0	90-100	80-100	60-95	30-90	20-30	NP-8
	13-49	Clay, sandy clay, clay loam	CH, SC, CL	A-7	0	0	95-100	90-100	80-100	45-80	45-70	22-40
	49-80	Stratified loamy sand to sandy clay loam	CL, ML, SC, SM	A-4, A-1, A-2, A-6	0	0-2	70-100	55-100	30-90	20-60	20-40	NP-25
Malbis----------	0-6	Sandy loam	ML, SM	A-4	0	0	100	97-100	91-97	40-62	0-30	NP-5
	6-28	Loam, sandy clay loam, clay loam	CL-ML, CL	A-4, A-6	0	0	99-100	95-100	80-100	55-70	21-35	5-11
	28-37	Sandy clay loam, clay loam, loam	CL, ML	A-4, A-6, A-7	0	0	98-100	96-100	90-100	56-80	29-49	4-15
	37-72	Sandy clay loam, clay loam	CL, ML	A-4, A-5, A-6, A-7	0	0	98-100	96-100	90-100	56-80	30-49	4-15
Fuquay----------	0-29	Loamy sand	SM, SP-SM	A-2, A-3	0	0	95-100	90-100	50-83	5-35	0-14	NP
	29-35	Sandy loam, fine sandy loam, sandy clay loam	SC-SM, SC, SM	A-2, A-4, A-6	0	0	85-100	85-100	70-90	23-45	0-45	NP-13
	35-75	Sandy clay loam	SC, SC-SM, SM	A-2, A-4, A-6, A-7-6	0	0	95-100	90-100	58-90	28-49	25-45	4-13
HaC:												
Halso----------	0-5	Sandy loam	ML, SM	A-4	0	0	95-100	95-100	70-100	40-70	0-20	NP
	5-41	Clay, silty clay	MH, ML	A-7	0	0	95-100	95-100	90-100	80-98	45-70	15-35
	41-48	Clay loam, sandy clay loam, clay	CH, MH, CL	A-6, A-7	0	0-10	65-95	65-80	60-80	55-75	30-65	12-30
	48-60	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Conecuh 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	
IbA:												
Izagora---------	0-8	Loam	ML, CL-ML, CL	A-4	0	0	95-100	95-100	85-100	60-90	0-30	NP-10
	8-33	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
	33-80	Clay loam, clay	CL, CH	A-6, A-7	0	0	95-100	95-100	90-100	70-95	35-60	20-40
Bethera---------	0-6	Fine sandy loam	SM, CL-ML, ML, SC-SM	A-4	0	0	100	98-100	70-85	40-55	0-26	NP-6
	6-62	Clay, clay loam, sandy clay	CH, CL, MH, ML	A-6, A-7	0	0	100	98-100	93-100	55-95	37-55	12-30
LuC:												
Luverne---------	0-6	Sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	6-28	Clay loam, sandy clay, clay	ML, MH	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	28-40	Clay loam, sandy clay loam	SM, ML, MH	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-65	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
LuD:												
Luverne---------	0-6	Sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	6-28	Clay loam, sandy clay, clay	ML, MH	A-4, A-5, A-7	---	0-5	95-100	90-100	85-100	50-95	38-70	8-30
	28-40	Clay loam, sandy clay loam	SM, ML, MH	A-4, A-5, A-7	---	0-5	95-100	85-100	85-100	36-76	32-56	2-14
	40-65	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.

Conecuh 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	
MaB:												
Malbis----------	0-6	Sandy loam	ML, SM	A-4	0	0	100	97-100	91-97	40-62	0-30	NP-5
	6-28	Loam, sandy clay loam, clay loam	CL-ML, CL	A-4, A-6	0	0	99-100	95-100	80-100	55-70	21-35	5-11
	28-37	Sandy clay loam, clay loam, loam	ML, CL	A-4, A-6, A-7	0	0	98-100	96-100	90-100	56-80	29-49	4-15
	37-72	Sandy clay loam, clay loam	ML, CL	A-4, A-5, A-6, A-7	0	0	98-100	96-100	90-100	56-80	30-49	4-15
OcC:												
Oktibbeha-------	0-3	Clay loam	CL	A-6, A-7	0	0	100	95-100	90-100	70-100	32-50	12-28
	3-36	Clay	CH	A-7	0	0	100	95-100	95-100	95-100	55-65	30-40
	36-60	Clay, silty clay	CL	A-7	---	0-5	95-100	90-100	90-100	90-100	41-49	25-30
Cadeville-------	0-4	Loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	85-95	60-75	20-38	2-19
	4-40	Silty clay, clay	CH, CL	A-7-6	0	0	100	100	95-100	80-95	41-60	22-35
	40-72	Clay, silty clay, silty clay loam	CH, CL	A-6, A-7-6	0	0	100	100	95-100	75-95	30-55	12-30
OrB:												
Orangeburg------	0-6	Sandy loam	SM	A-2	0	0	98-100	95-100	75-95	20-35	0-14	NP
	6-12	Sandy loam	SM	A-2	0	0	98-100	95-100	70-96	25-35	0-30	NP-4
	12-72	Sandy clay loam, sandy loam	CL, SC, SC-SM, SM	A-4, A-6	0	0	98-100	95-100	71-96	38-58	22-40	3-19

Engineering Index Properties, cont.

Conecuh 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	
OsE:												
Oktibbeha-------	0-3	Clay loam	CL	A-6, A-7	0	0	100	95-100	90-100	70-100	32-50	12-28
	3-36	Clay	CH	A-7	0	0	100	95-100	95-100	95-100	55-65	30-40
	36-60	Clay, silty clay	CL	A-7	---	0-5	95-100	90-100	90-100	90-100	41-49	25-30
Saffell---------	0-5		CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	75-100	75-98	50-90	25-65	0-25	NP-7
	5-28	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	3-15
	28-43	Very gravelly sandy clay loam, very gravelly fine sandy loam, very gravelly loam	GC, GC-GM, SC, SC-SM	A-1, A-2, A-4, A-6	0	0-10	35-85	25-55	20-50	12-40	20-40	4-15
	43-60	Gravelly sandy loam, very gravelly sandy loam, gravelly loamy sand	SC, SM, GM, GC	A-1, A-2	0-5	0-15	25-80	10-75	10-65	5-35	0-30	3-10
OuC:												
Orangeburg------	0-6	Sandy loam	SM	A-2	0	0	98-100	95-100	75-95	20-35	0-14	NP
	6-12	Sandy loam	SM	A-2	0	0	98-100	95-100	70-96	25-35	0-30	NP-4
	12-72	Sandy clay loam, sandy loam	CL, SC, SC-SM, SM	A-4, A-6	0	0	98-100	95-100	71-96	38-58	22-40	3-19
Urban Land------	0-60	Variable			---	---	---	---	---	---	0-14	---
PITS:												
Pits----------	0-60	Variable			---	---	---	---	---	---	0-14	---
PoB:												
Poarch----------	0-8	Sandy loam	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	70-95	30-50	15-25	NP-5
	8-44	Loam, fine sandy loam, silt loam	CL, CL-ML, ML	A-4	0	0	95-100	95-100	85-95	51-75	20-30	NP-10
	44-72	Loam, fine sandy loam, silt loam	ML, CL, CL-ML	A-4	0	0	85-100	85-100	85-95	51-75	20-30	2-10

Engineering Index Properties, cont.

Conecuh 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	
RbB:												
Red Bay---------	0-5	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	95-100	60-85	15-45	0-20	NP-4
	5-9	Sandy loam, sandy clay loam	SC, SC-SM, SM	A-2, A-4	0	0	100	95-100	60-85	15-50	0-35	NP-10
	9-80	Sandy clay loam	SC, SC-SM	A-2, A-4, A-6	0	0	100	95-100	70-90	24-50	18-40	4-16
TaC:												
Troup----------	0-62	Loamy sand	SM, SP-SM	A-2, A-4	0	0	95-100	90-100	50-90	10-40	0-14	NP
	62-92	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
TgD:												
Troup----------	0-62	Loamy sand	SP-SM, SM	A-2, A-4	0	0	95-100	90-100	50-90	10-40	0-14	NP
	62-92	Sandy clay loam, sandy loam, fine sandy loam	CL, SC-SM, SC, CL-ML	A-2, A-4, A-6	0	0	95-100	90-100	60-90	24-55	19-40	4-20
Gritney---------	0-13	Fine sandy loam	ML, SC, SC-SM, SM	A-2, A-4	0	0	90-100	80-100	60-95	30-90	20-30	NP-8
	13-49	Clay, sandy clay, clay loam	CH, CL, SC	A-7	0	0	95-100	90-100	80-100	45-80	45-70	22-40
	49-80	Stratified loamy sand to sandy clay loam	CL, ML, SC, SM	A-2, A-4, A-6, A-1	0	0-2	70-100	55-100	30-90	20-60	20-40	NP-25

Engineering Index Properties, cont.

Conecuh 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	
Saffell---------	0-5		SM, ML, CL-ML, SC-SM	A-2, A-4	0	0	75-100	75-98	50-90	25-65	0-25	NP-7
	5-28	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	3-15
	28-43	Very gravelly sandy clay loam, very gravelly fine sandy loam, very gravelly loam	SC, GC, SC-SM, GC-GM	A-1, A-2, A-4, A-6	0	0-10	35-85	25-55	20-50	12-40	20-40	4-15
	43-60	Gravelly sandy loam, very gravelly sandy loam, gravelly loamy sand	GM, GC, SM, SC	A-1, A-2	0-5	0-15	25-80	10-75	10-65	5-35	0-30	3-10
ToE:												
Troup----------	0-62	Loamy sand	SM, SP-SM	A-2, A-4	0	0	95-100	90-100	50-90	10-40	0-14	NP
	62-92	Sandy clay loam, sandy loam, fine sandy loam	SC-SM, SC, CL-ML, CL	A-2, A-4, A-6	0	0	95-100	90-100	60-90	24-55	19-40	4-20
Orangeburg------	0-6	Sandy loam	SM	A-2	0	0	98-100	95-100	75-95	20-35	0-14	NP
	6-12	Sandy loam	SM	A-2	0	0	98-100	95-100	70-96	25-35	0-30	NP-4
	12-72	Sandy clay loam, sandy loam	CL, SC, SC-SM, SM	A-4, A-6	0	0	98-100	95-100	71-96	38-58	22-40	3-19
YoA:												
Yonges----------	0-3	Loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	60-90	20-35	3-15
	3-57	Sandy clay loam, clay loam, sandy clay	SC-SM, SC, CL-ML, CL	A-4, A-6, A-7	0	0	100	100	95-100	40-70	20-45	6-28
	57-90	Fine sandy loam, sandy loam, sandy clay loam	CL, SM, SC, ML	A-4, A-6	0	0	100	100	95-100	40-65	20-40	3-22
	60-80	Variable			---	---	---	---	---	---	---	---