Engineering Index Properties

Perry 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	
AnA:												
Annemaine-------	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	70-90	20-35	5-20
	5-18	Clay, clay loam, silty clay	CL	A-6, A-7-6	0	0	95-100	95-100	85-100	70-98	30-50	10-25
	18-42	Clay, silty clay, silty clay loam	ML, MH, CL, CH	A-7	0	0	95-100	95-100	90-100	80-99	43-70	13-35
	42-58	Sandy clay loam, loam, clay loam	CL, SC, ML	A-4, A-6	0	0	95-100	95-100	80-100	36-80	20-35	6-15
	58-75	Sandy clay loam, fine sandy loam, sandy loam	SC, SC-SM, SM	A-2, A-4	0	0	95-100	95-100	60-100	30-50	0-20	NP-10
BaA:												
Bama----------	0-6	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
	6-75	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
BaB:												
Bama----------	0-6	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
	6-65	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
CaA:												
Cahaba----------	0-15	Sandy loam	SM	A-2-4, A-4	0	0	95-100	95-100	65-90	29-45	0-20	NP
	15-45	Sandy clay loam, loam, clay loam	CL, SC, SC-SM	A-4, A-6	0	0	90-100	80-100	75-90	40-75	22-35	4-15
	45-65	Sand, loamy sand, sandy loam	SM, SP-SM	A-2-4	0	0	95-100	90-100	60-87	10-35	0-20	NP

Engineering Index Properties, cont.

Perry 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	
CaB:												
Cahaba----------	0-5	Sandy loam	SM	A-2-4, A-4	0	0	95-100	95-100	65-90	30-45	0-20	NP
	5-50	Sandy clay loam, loam, clay loam	CL, SC, SC-SM	A-4, A-6	0	0	90-100	80-100	75-90	40-75	22-35	4-15
	50-65	Sand, loamy sand, sandy loam	SM, SP-SM	A-2-4	0	0	95-100	90-100	60-87	10-35	0-20	NP
DsD2:												
Demopolis-------	0-4	Loam	CL-ML, CL	A-4, A-7, A-6	0	0-5	85-100	75-90	65-85	50-80	24-44	6-20
	4-10	Loam, clay loam, silty clay loam	CL, CL-ML	A-6, A-4, A-2	0-3	0-5	85-100	75-98	60-85	50-95	24-44	6-20
	10-80	Weathered bedrock			---	---	---	---	---	---	---	---
Sumter----------	0-5	Silty clay	CL	A-7, A-6	0	0	90-100	85-100	80-98	75-90	35-50	16-25
	5-14	Silty clay, clay, silty clay loam	CH, CL	A-7, A-6	0	0	85-100	78-98	75-95	75-95	35-55	16-32
	14-30	Silty clay loam, silty clay	CL, CH	A-6, A-7	0	0	85-100	65-98	60-95	55-95	35-55	16-32
	30-80	Weathered bedrock			---	---	---	---	---	---	---	---
DwB:												
Demopolis-------	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	85-100	75-90	75-90	70-90	20-40	6-20
	5-13	Loam, clay loam, silty clay loam	CL, CL-ML	A-4, A-2, A-6	0-3	0-5	85-100	75-98	60-85	50-95	24-44	6-20
	13-80	Weathered bedrock			---	---	---	---	---	---	---	---
Watsonia--------	0-3	Clay	CH, CL	A-7	0	0	100	100	95-100	90-100	42-64	30-40
	3-10	Clay, silty clay	CH	A-7	0	0	100	100	95-100	95-100	65-85	45-60
	10-16	Clay, silty clay	CH	A-7	0	0	100	95-100	95-100	95-100	60-80	40-60
	16-60	Weathered bedrock			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Perry 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	
EnA:												
Eunola----------	0-10	Sandy loam	SM	A-2, A-4	0	0	100	98-100	60-85	30-50	0-20	NP
	10-23	Sandy clay loam, clay loam, fine sandy loam	CL, SC, SC-SM, SM	A-2, A-4, A-6	0	0	100	90-100	75-95	30-60	0-36	NP-15
	23-48	Sandy clay loam, sandy clay, clay loam	ML, SC, SM, CL	A-4, A-6, A-7	0	0	100	98-100	80-95	36-60	22-50	3-26
	48-60	Sandy loam, sandy clay loam	SC, SC-SM, SM	A-2, A-4	0	0	100	98-100	60-70	30-40	0-30	NP-10
EtA:												
Eutaw----------	0-4	Clay	CH, MH	A-7	0	0	100	100	95-100	90-100	51-70	23-40
	4-60	Clay	CH, MH	A-7	0	0	100	100	95-100	80-95	51-100	25-60
FuA:												
Fluvaquents-----	0-6	Loam	CL-ML, ML	A-4	0	0	100	90-100	80-90	50-80	0-25	NP-7
	6-60	Stratified sandy loam to clay	CL, ML	A-4, A-6, A-7	0	0	100	90-100	75-100	60-95	20-45	8-22
GrA:												
Greenville------	0-6	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
	6-65	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------	0-5	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
	5-65	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
KpB:												
Kipling---------	0-5	Clay loam	CL	A-6, A-7	0	0	100	100	95-100	85-95	30-45	15-25
	5-65	Silty clay, clay, silty clay loam	CH, CL	A-6, A-7	0	0	100	100	95-100	85-95	38-70	22-45
	65-80	Clay, silty clay	CH, CL	A-7	0	0	100	100	90-100	75-95	48-80	26-50

Engineering Index Properties, cont.

Perry 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	
LnB:												
Luverne---------	0-5	Sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	5-30	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
	30-35	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
	35-60	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
LsD:												
Luverne---------	0-6	Sandy loam	ML, SM	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	6-43	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
	43-65	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
Smithdale-------	0-13	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	13-38	Clay loam, sandy clay loam, loam	SC-SM, CL, CL-ML, SC	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	38-60	Loam, sandy loam	SM, SC, ML, CL	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10

Engineering Index Properties, cont.

Perry 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	
LsE:												
Luverne---------	0-3	Sandy loam	SM, ML	A-2, A-4	---	0-5	87-100	84-100	80-100	30-60	0-20	NP
	3-35	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
	35-43	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
	43-65	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
Smithdale-------	0-6	Sandy loam	SM, SC-SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	6-42	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
	42-65	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
MIA:												
Mantachie-------	0-5	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	90-100	70-85	0-30	NP-10
	5-60	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
Iuka----------	0-7	Sandy loam	CL-ML, SC-SM, SM, ML	A-2, A-4	0	0	95-100	90-100	70-100	30-60	0-20	NP-7
	7-38	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
	38-60	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
Kinston---------	0-5	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	98-100	85-100	50-97	17-40	4-15
	5-60	Loam, clay loam, sandy clay loam	CL	A-4, A-6	0	0	100	95-100	75-100	60-95	20-45	8-22

Engineering Index Properties, cont.

Perry 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	
MkC2:												
Maubila---------	0-3	Flaggy sandy loam	SC-SM, SM, SP-SM	A-2	---	10-35	85-100	85-100	60-95	10-35	0-25	NP-6
	3-34	Sandy clay loam, clay loam	CL, SC	A-7, A-6	---	0-10	95-100	85-100	85-100	45-90	35-50	12-25
	34-52	Clay loam, clay, silty clay	CL, CH	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-98	35-60	20-45
	52-80	Clay, clay loam, sandy clay loam	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-98	35-60	20-45
MsE:												
Maubila---------	0-4	Flaggy sandy loam	SC-SM, SM, SP-SM	A-2	---	10-35	85-100	85-100	60-95	10-35	0-25	NP-6
	4-35	Sandy clay loam, clay loam	CL, SC	A-6, A-7	---	0-10	95-100	85-100	85-100	45-90	35-50	12-25
	35-65	Clay, clay loam, sandy clay loam	CH, CL	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-98	35-60	20-45
Smithdale-------	0-3	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	3-33	Clay loam, sandy clay loam, loam	SC-SM, CL, CL-ML, SC	A-4, A-6	0	0	100	85-100	80-96	45-75	23-38	7-16
	33-65	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
MtA:												
Minter----------	0-4	Silty clay loam	CH, CL	A-6, A-7	0	0	100	100	90-100	75-95	35-55	15-28
	4-60	Clay loam, silty clay, clay	CH, CL	A-6, A-7	0	0	100	100	90-100	75-95	37-59	18-32

Engineering Index Properties, cont.

Perry 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----------	0-11	Fine sandy loam, 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
	11-23	Loam, sandy clay loam, clay loam	CL, SC-SM, SC, SM	A-4	0	0	95-100	95-100	80-100	40-80	0-30	NP-10
	23-65	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	60-100	60-100	30-97	15-40	5-20
OaA:												
Ochlockonee-----	0-9	Sandy loam	SM, SC-SM, ML, CL-ML	A-2, A-4	0	0	100	95-100	65-90	40-70	0-26	NP-5
	9-65	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
ObB:												
Ochlockonee-----	0-4	Sandy loam	SM, SC-SM, ML, CL-ML	A-4, A-2	0	0	100	95-100	65-90	40-70	0-26	NP-5
	4-32	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
	32-60	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
Riverview-------	0-10	Silt loam, loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	60-80	15-30	3-14
	10-35	Sandy clay loam, silty clay loam, loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	60-95	20-40	3-20
	35-60	Loamy fine sand, sandy loam, sand	SC-SM, SM	A-2, A-4	0	0	100	100	50-95	15-45	0-20	NP-7

Engineering Index Properties, cont.

Perry 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	
OcB:												
Ocilla----------	0-26	Loamy fine sand	SP-SM, SM	A-2, A-3	0	0	100	95-100	75-100	8-35	0-14	NP
	26-58	Sandy loam, sandy clay loam, fine sandy loam	SC, CL, ML, SM	A-2, A-4, A-6	0	0	100	95-100	80-100	20-55	20-40	NP-18
	58-65	Sandy clay loam, sandy clay, sandy loam	SC, CL	A-6, A-7, A-4	0	0	100	95-100	80-100	36-60	20-45	7-20
Jedburg---------	0-14	Fine sandy loam	SM, SC-SM, SC	A-4	0	0	100	95-100	60-95	40-75	0-30	NP-10
	14-65	Loam, silt loam, clay loam	CL	A-4, A-6	0	0	100	95-100	85-100	70-95	25-40	9-20
OkB:												
Okolona---------	0-6	Silty clay loam	CH, CL	A-7	0	0	100	100	95-100	85-98	46-55	25-32
	6-60	Silty clay, clay	CH, MH	A-7-5, A-7-6	0	0	95-100	95-100	95-100	90-98	60-90	29-65
OtC:												
Oktibbeha-------	0-5	Clay loam	CL	A-7, A-6	0	0	100	100	90-100	70-100	27-40	32-50
	5-60	Clay	CH	A-7	0	0	100	100	95-100	95-100	55-75	35-50
	60-75	Clay, silty clay	CL	A-7	0	0	100	100	90-100	90-100	42-65	30-45
Pt:												
Pits----------	0-60	Variable			---	---	---	---	---	---	---	---

Engineering Index Properties, cont.

Perry 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	
SaD:												
Saffell---------	0-5	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
	5-10	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
	10-42	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
	42-60	Gravelly sandy loam, very gravelly sandy loam, gravelly loamy sand	GM, SC, SM, GC	A-1, A-2, A-3	0-5	0-15	15-80	10-75	10-65	5-35	0-35	NP-15
SbB:												
Saffell---------	0-6	Very gravelly sandy loam	GC-GM, GM, GP-GM	A-1, A-2	0	0-5	25-60	25-50	20-45	12-35	0-20	NP-5
	6-44	Very gravelly sandy clay loam, very gravelly 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
	44-65	Gravelly sandy loam, very gravelly sandy loam, gravelly loamy sand	GC, GM, SC, SM	A-1, A-2, A-3	0-5	0-15	25-80	10-75	10-65	5-35	0-30	NP-10
Maubila---------	0-2	Flaggy sandy loam	SC-SM, SM, SP-SM	A-2	---	10-35	85-100	85-100	60-95	10-35	0-25	NP-6
	2-52	Clay loam, clay, silty clay	CL, CH	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-98	35-60	20-45
	52-65	Clay, clay loam, sandy clay loam	CL, CH	A-6, A-7, A-7-6	0	0	95-100	90-100	85-100	60-98	35-60	20-45

Engineering Index Properties, cont.

Perry 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	
ScB:												
Smithdale-------	0-11	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	11-51	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
	51-65	Loam, sandy loam	SM, SC, ML, CL	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
ScD:												
Smithdale-------	0-10	Sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	0-20	NP-5
	10-42	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
	42-65	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	0-30	NP-10
SdA:												
Subran----------	0-6	Fine sandy loam	CL-ML, ML, SM	A-2, A-4	0	0	95-100	95-100	80-95	30-75	0-30	NP-7
	6-33	Clay loam, clay	MH, CL, CH	A-7-6, A-6	0	0	95-100	95-100	85-100	45-90	35-60	16-40
	33-65	Clay loam, clay, silty clay	CH, CL, MH	A-7-5, A-6, A-7-6	0	0	95-100	95-100	85-100	45-90	35-60	16-40
SdB:												
Subran----------	0-5	Loam	CL, ML	A-4, A-6	0	0	95-100	95-100	80-95	50-75	25-38	9-16
	5-22	Clay loam, clay	CH, CL, MH	A-7-6, A-6	0	0	95-100	95-100	85-100	45-90	35-60	16-40
	22-75	Clay loam, clay, silty clay	CH, CL, MH	A-7-5, A-6, A-7-6	0	0	95-100	95-100	85-100	45-90	35-60	16-40
SeA:												
Sucarnoochee----	0-16	Clay	CH, CL, MH	A-7	0	0	98-100	95-100	90-100	85-95	40-65	15-35
	16-54	Silty clay, clay	CH, CL, MH	A-7	0	0	98-100	95-100	90-100	85-98	45-70	20-40
	54-60	Silty clay, clay	CH, MH	A-7	0	0	98-100	95-100	90-100	85-98	50-80	25-45

Engineering Index Properties, cont.

Perry 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	
SfB:												
Suffolk---------	0-16	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	55-85	25-60	15-25	NP-7
	16-53	Sandy clay loam, clay loam, fine sandy loam	CL, SC	A-2, A-6	0	0	95-100	90-100	50-95	25-75	20-40	10-25
	53-65	Loamy fine sand, gravelly sand, loamy sand	SC-SM, SM, SP	A-1, A-2, A-3, A-4	0	0	75-100	60-100	30-80	3-50	0-18	NP-6
SmB:												
Sumter----------	0-7	Silty clay loam	CL	A-6, A-7	0	0	90-100	85-100	80-98	75-90	35-50	16-25
	7-30	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
	30-80	Weathered bedrock			---	---	---	---	---	---	---	---
SnD2:												
Sumter----------	0-4	Silty clay loam	CL	A-6, A-7	0	0	90-100	85-100	80-98	75-90	35-50	16-25
	4-28	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
	28-80	Weathered bedrock			---	---	---	---	---	---	---	---
SoB2:												
Sumter----------	0-6	Silty clay	CL	A-6, A-7	0	0	90-100	85-100	80-98	75-90	35-50	16-25
	6-38	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
	38-80	Weathered bedrock			---	---	---	---	---	---	---	---
Oktibbeha-------	0-4	Clay	CL, CH	A-7	0	0	100	100	90-100	90-100	42-64	30-40
	4-56	Clay	CH	A-7	0	0	100	100	95-100	95-100	55-75	35-50
	56-65	Clay, silty clay	CL	A-7	0	0	100	100	90-100	90-100	42-65	30-45

Engineering Index Properties, cont.

Perry 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	
SoD2:												
Sumter----------	0-3	Silty clay	CL	A-6, A-7	0	0	90-100	85-100	80-98	75-90	35-50	16-25
	3-18	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
	18-34	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
	34-80	Weathered bedrock			---	---	---	---	---	---	---	---
Oktibbeha-------	0-3	Clay	CH, CL	A-7	0	0	100	100	90-100	90-100	42-64	30-40
	3-35	Clay	CH	A-7	0	0	100	100	95-100	95-100	55-75	35-50
	35-60	Clay, silty clay	CL	A-7	0	0	100	100	90-100	90-100	42-65	30-45
VaA:												
Vaiden----------	0-6	Clay	MH, CH	A-7	0	0	100	100	95-100	90-100	50-60	20-30
	6-23	Clay	MH, CH	A-7	0	0	100	100	95-100	85-100	50-90	30-50
	23-72	Clay, silty clay	CH	A-7	0	0	95-100	95-100	90-100	85-100	50-90	30-52
VaB:												
Vaiden----------	0-5	Clay	CH, MH	A-7	0	0	100	100	95-100	90-100	50-60	20-30
	5-21	Clay	CH, MH	A-7	0	0	100	100	95-100	85-100	50-90	30-50
	21-60	Clay, silty clay	CH	A-7	0	0	95-100	95-100	90-100	85-100	50-90	30-52