Engineering Index Properties
Webster Parish, Louisiana

(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	
Bn:												
Bienville-------	0-48	Loamy fine sand	SC-SM, SM	A-2-4, A-4	0	0	100	100	90-100	15-50	15-25	NP-5
	48-72	Loamy fine sand, fine sandy loam, fine sand	ML, SM	A-2-4, A-4	0	0	100	100	90-100	20-55	15-25	NP-3
	72-75	Loamy fine sand, fine sand	SM	A-2-4, A-4	0	0	100	100	90-100	15-50	15-25	NP-3
By:												
Boykin----------	0-4	Loamy fine sand	SM	A-2-4, A-4	0	0	97-100	95-100	75-98	17-45	15-25	NP-4
	4-22	Loamy fine sand	SM	A-2-4, A-4	0	0	97-100	95-100	70-98	17-45	15-25	NP-4
	22-83	Fine sandy loam, sandy clay loam	CL, SC	A-4, A-6, A-7-6	0	0	95-100	95-100	80-98	36-55	22-45	8-30
Ca:												
Cahaba----------	0-10	Fine sandy loam	SM	A-2-4, A-4	0	0	95-100	95-100	65-90	30-45	---	NP
	10-37	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
	37-65	Sand, loamy sand, sandy loam	SM, SP-SM	A-2-4	0	0	95-100	90-100	60-85	10-35	---	NP
Da:												
Darley----------	0-10	Gravelly loamy fine sand	GC-GM, GM, SC-SM, SM	A-1-b, A-2-4	---	0-5	55-80	40-70	35-65	10-30	15-15	NP-5
	10-32	Sandy clay, gravelly sandy clay, clay	CH, CL, GC, SC	A-2-7, A-7-6	---	0-5	65-90	55-85	45-80	30-60	40-60	16-30
	32-44	Clay, gravelly clay, gravelly sandy clay	CH, CL, GC, SC	A-2-7, A-7-6	---	3-15	40-70	35-60	30-60	25-55	40-60	16-30
	44-65	Sandy loam, fine sandy loam, gravelly sandy clay loam	CL, CL-ML, SC, SC-SM	A-2-4, A-2-6, A-4, A-6	---	0-2	80-95	75-90	70-85	30-55	16-35	5-20
DE:												
Darley----------	0-12	Gravelly loamy fine sand	GC-GM, GM, SC-SM, SM	A-1-b, A-2-4	---	0-5	55-80	40-70	35-65	10-30	15-15	NP-5
	12-30	Sandy clay, gravelly sandy clay, clay	CH, CL, GC, SC	A-2-7, A-7-6	---	0-5	65-90	55-85	45-80	30-60	40-60	16-30
	30-50	Clay, gravelly clay, gravelly sandy clay	CH, CL, GC, SC	A-2-7, A-7-6	---	3-15	40-70	35-60	30-60	25-55	40-60	16-30
	50-65	Sandy loam, fine sandy loam, gravelly sandy clay loam	CL, CL-ML, SC, SC-SM	A-2-4, A-2-6, A-4, A-6	---	0-2	80-95	75-90	70-85	30-55	16-35	5-20
DR:												
Darley----------	0-10	Gravelly loamy fine sand	GC-GM, GM, SC-SM, SM	A-1-b, A-2-4	---	0-5	55-80	40-70	35-65	10-30	15-15	NP-5
	10-33	Sandy clay, gravelly sandy clay, clay	CH, CL, GC, SC	A-2-7, A-7-6	---	0-5	65-90	55-85	45-80	30-60	40-60	16-30
	33-50	Clay, gravelly clay, gravelly sandy clay	CH, CL, GC, SC	A-2-7, A-7-6	---	3-15	40-70	35-60	30-60	25-55	40-60	16-30
	50-65	Sandy loam, fine sandy loam, gravelly sandy clay loam	CL, CL-ML, SC, SC-SM	A-2-4, A-2-6, A-4, A-6	---	0-2	80-95	75-90	70-85	30-55	16-35	5-20

Table H.--Engineering Index Properties--Continued
Webster Parish, Louisiana

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	
Ea:												
Eastwood--------	0-6	Very fine sandy loam	SC-SM, CL, CL-ML, ML	A-4, A-6	0	0	98-100	98-100	95-100	40-89	20-37	3-20
	6-25	Clay, silty clay	CH, CL	A-7-6	0	0	100	95-100	90-100	70-98	40-75	25-48
	25-52	Clay loam, silty clay loam, loam	CH, CL	A-6, A-7-6	0	0	100	95-100	90-100	55-99	35-65	15-45
	52-75	Stratified fine sandy loam to shaly silty clay loam	CL, CL-ML, SC, SC-SM	A-4, A-6, A-7-6	0	0	95-100	95-100	90-100	40-98	25-68	5-44
EO:												
Eastwood--------	0-6	Very fine sandy loam	CL, CL-ML, ML, SC-SM	A-4, A-6	0	0	98-100	98-100	95-100	40-89	20-37	3-20
	6-25	Clay, silty clay	CH, CL	A-7-6	0	0	100	95-100	90-100	70-98	40-75	25-48
	25-43	Clay loam, silty clay loam, loam	CH, CL	A-6, A-7-6	0	0	100	95-100	90-100	55-99	35-65	15-45
	43-65	Stratified fine sandy loam to shaly silty clay loam	CL, CL-ML, SC, SC-SM	A-4, A-6, A-7-6	0	0	95-100	95-100	90-100	40-98	25-68	5-44
Fc:												
Flo----------	0-25	Loamy fine sand	SM, SP-SM	A-2, A-3	0	0	98-100	95-100	85-100	5-35	15-25	NP-3
	25-85	Loamy fine sand	SM	A-2, A-4	0	0	98-100	95-100	90-100	15-45	15-25	NP-3
Fn:												
Forbing---------	0-4	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	100	70-90	15-30	NP-10
	4-16	Clay	CH	A-7-6	0	0	100	100	95-100	85-100	51-76	26-50
	16-61	Clay, silty clay	CH, CL	A-7-6	0	0	95-100	95-100	95-100	85-100	45-76	22-49
FO:												
Forbing---------	0-3	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	100	70-90	15-30	NP-10
	3-17	Clay	CH	A-7-6	0	0	100	100	95-100	85-100	51-76	26-50
	17-62	Clay	CH	A-7-6	0	0	95-100	95-100	95-100	85-100	51-76	26-50
	62-85	Clay, silty clay	CH, CL	A-7-6	0	0	95-100	95-100	95-100	85-100	45-76	22-49
Go:												
Gore----------	0-3	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	60-90	15-27	NP-7
	3-62	Clay, silty clay	CH	A-7-6	0	0	100	100	95-100	85-100	53-65	28-40
	62-85	Clay	CH	A-7-6	0	0	100	100	95-100	85-100	51-83	25-53
GR:												
Gore----------	0-7	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	60-90	15-27	NP-7
	7-62	Clay, silty clay	CH	A-7-6	0	0	100	100	95-100	85-100	53-65	28-40
	62-85	Clay	CH	A-7-6	0	0	100	100	95-100	85-100	51-83	25-53
Gt:												
Gurdon----------	0-9	Silt loam	CL-ML, ML	A-4	0	0	100	95-100	85-100	50-90	15-20	NP-5
	9-30	Silt loam, very fine sandy loam, loam	CL-ML, ML	A-4	0	0	100	95-100	85-100	50-90	15-20	NP-5
	30-68	Silt loam, very fine sandy loam, loam	CL-ML, ML	A-4	0	0	100	95-100	85-100	50-90	15-25	3-7
Gu:												
Guyton----------	0-21	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	65-90	15-27	NP-7
	21-30	Silt loam, silty clay loam, clay loam	CL, CL-ML	A-4, A-6	0	0	100	100	94-100	75-95	22-40	6-18
	30-75	Silt loam, silty clay loam, sandy clay loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	95-100	50-95	15-40	NP-18

Table H.--Engineering Index Properties--Continued
Webster Parish, Louisiana

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	
GY:												
Guyton----------	0-22	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	65-90	15-27	NP-7
	22-45	Silt loam, silty clay loam, clay loam	CL, CL-ML	A-4, A-6	0	0	100	100	94-100	75-95	22-40	6-18
	45-65	Silt loam, silty clay loam, sandy clay loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	95-100	50-95	15-40	NP-18
Ouachita--------	0-6	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	85-95	55-85	15-30	2-10
	6-18	Silt loam, loam, very fine sandy loam	CL, CL-ML, ML	A-4	0	0	100	100	85-95	55-85	15-30	2-10
	18-69	Silt loam, loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	100	100	85-95	55-90	25-40	5-15
	69-81	Fine sandy loam, silt loam, loamy fine sand	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	100	100	70-95	30-90	15-25	NP-7
IU:												
Iuka----------	0-5	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	70-100	30-60	15-20	NP-7
	5-60	Fine sandy loam, loam, sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	85-100	65-100	36-75	15-30	NP-7
Dela----------	0-12	Fine sandy loam	CL, ML, SC, SM	A-4	0	0	100	98-100	94-100	36-60	15-30	NP-10
	12-65	Fine sandy loam, sandy loam, loam	CL, ML, SC, SM	A-4	0	0	100	98-100	94-100	36-70	15-30	NP-10
Ko:												
Kolin----------	0-7	Silt loam	CL-ML, ML	A-4	0	0	100	100	85-100	60-85	15-27	NP-7
	7-31	Silty clay loam, silt loam	CL	A-6, A-7-6	0	0	100	100	95-100	85-97	30-46	11-22
	31-85	Clay, silty clay	CH	A-7-6	0	0	100	100	90-100	75-95	50-63	25-35
Mh:												
Mahan----------	0-11	Fine sandy loam	ML, SC, SC-SM, SM	A-2-4, A-4	---	0-1	90-100	85-100	65-80	30-55	15-25	NP-8
	11-43	Sandy clay loam, sandy clay, clay	CH, CL, MH, ML	A-6, A-7-5, A-7-6	---	0-2	90-100	85-95	80-90	50-85	36-55	12-22
	43-75	Sandy loam, fine sandy loam, sandy clay loam	CL, CL-ML, SC, SC-SM	A-4, A-6	---	0-2	90-100	85-95	65-85	35-55	16-35	4-18
MN:												
Mahan----------	0-14	Fine sandy loam	ML, SC, SC-SM, SM	A-2-4, A-4	---	0-1	90-100	85-100	65-80	30-55	15-25	NP-8
	14-45	Sandy clay loam, sandy clay, clay	MH, ML, CH, CL	A-6, A-7-5, A-7-6	---	0-2	90-100	85-95	80-90	50-85	36-55	12-22
	45-75	Sandy loam, fine sandy loam, sandy clay loam	CL, CL-ML, SC, SC-SM	A-4, A-6	---	0-2	90-100	85-95	65-85	35-55	16-35	4-18
Mp:												
Malbis----------	0-7	Fine sandy loam	ML, SM	A-4	0	0	100	97-100	91-97	40-62	15-30	NP-5
	7-23	Loam, sandy clay loam, clay loam	CL, CL-ML	A-4, A-6	0	0	99-100	95-100	80-100	55-70	21-35	5-11
	23-55	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
	55-81	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

Table H.--Engineering Index Properties--Continued
Webster Parish, Louisiana

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	
Ms:												
Malbis----------	0-8	Fine sandy loam	ML, SM	A-4	0	0	100	97-100	91-97	40-62	15-30	NP-5
	8-35	Loam, sandy clay loam, clay loam	CL, CL-ML	A-4, A-6	0	0	99-100	95-100	80-100	55-70	21-35	5-11
	35-63	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
	63-75	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
Mt:												
Mclaurin--------	0-9	Loamy fine sand	SM	A-2	0	0	90-100	90-100	50-75	15-30	15-20	NP-4
	9-60	Sandy loam, fine sandy loam, loam	SC, SC-SM, SM	A-4	0	0	90-100	90-100	85-95	36-45	15-30	NP-10
	60-72	Loamy fine sand, loamy sand, sandy loam	SM	A-2, A-4	0	0	90-100	90-100	50-85	15-45	15-20	NP-4
	72-90	Sandy loam, sandy clay loam, loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	90-100	70-80	36-55	30-40	6-15
MV:												
Mclaurin--------	0-8	Loamy fine sand	SM	A-2	0	0	90-100	90-100	50-75	15-30	15-20	NP-4
	8-50	Sandy loam, fine sandy loam, loam	SC, SC-SM, SM	A-4	0	0	90-100	90-100	85-95	36-45	15-30	NP-10
	50-59	Loamy fine sand, loamy sand, sandy loam	SM	A-2, A-4	0	0	90-100	90-100	50-85	15-45	15-20	NP-4
	59-75	Sandy loam, sandy clay loam, loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	90-100	70-80	36-55	30-40	6-15
Pt:												
Pits----------	---	---	---	---	---	---	---	---	---	---	---	---
Pits,ponded-----	---	---	---	---	---	---	---	---	---	---	---	---
Re:												
Ruple----------	0-6	Gravelly loam	GC-GM, GM, SC-SM, SM	A-1-b, A-2-4	0-5	0-5	55-80	40-70	35-65	10-30	15-30	NP-10
	6-28	Gravelly clay, gravelly sandy clay, clay	CL, GC, MH, SM	A-6, A-7-5, A-7-6	0-5	1-10	45-75	40-65	30-60	25-55	33-60	11-27
	28-63	Clay, sandy clay loam, gravelly clay	CL, GC, SC	A-2-6, A-6, A-7-6	0-5	3-15	40-70	35-60	30-60	25-55	30-50	11-27
RP:												
Ruple----------	0-7	Gravelly loam	GC-GM, GM, SC-SM, SM	A-1-b, A-2-4	0-5	0-5	55-80	40-70	35-65	10-30	15-30	NP-10
	7-25	Gravelly clay, gravelly sandy clay, clay	CL, GC, MH, SM	A-6, A-7-5, A-7-6	0-5	1-10	45-75	40-65	30-60	25-55	33-60	11-27
	25-60	Clay, sandy clay loam, gravelly clay	CL, GC, SC	A-2-6, A-6, A-7-6	0-5	3-15	40-70	35-60	30-60	25-55	30-50	11-27
Rs:												
Ruston----------	0-5	Fine sandy loam	CL-ML, ML, SM	A-2-4, A-4	0	0	100	85-100	65-85	30-55	15-20	NP-7
	5-38	Sandy clay loam, loam, clay loam	CL, SC	A-6, A-7-6	0	0	100	85-100	80-95	36-75	25-45	11-20
	38-54	Fine sandy loam, sandy loam, loamy sand	CL-ML, ML, SC-SM, SM	A-2-4, A-4	0	0	100	85-100	65-85	30-75	15-27	NP-7
	54-85	Sandy clay loam, loam, clay loam	CL, SC	A-6, A-7-6	0	0	100	85-100	80-95	36-75	25-45	11-20

Table H.--Engineering Index Properties--Continued
Webster Parish, Louisiana

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	
Sa:												
Sacul----------	0-3	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	75-100	75-100	45-85	25-50	15-25	NP-7
	3-12	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
	12-51	Clay, silty clay, clay loam	CH, CL, SC	A-7	0	0	85-100	85-100	70-100	40-95	45-70	20-40
	51-69	Silty clay loam, clay loam, loam	CL, SC	A-2, A-4, A-6, A-7	0	0	85-100	85-100	65-100	30-95	25-48	8-25
SC:												
Sacul----------	0-2	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	75-100	75-100	45-85	25-50	15-25	NP-7
	2-12	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
	12-60	Clay, silty clay, clay loam	CH, CL, SC	A-7	0	0	85-100	85-100	70-100	40-95	45-70	20-40
	60-75	Silty clay loam, clay loam, loam	CL, SC	A-2, A-4, A-6, A-7	0	0	85-100	85-100	65-100	30-95	25-48	8-25
SM:												
Smithdale-------	0-9	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	85-100	60-95	28-49	15-20	NP-5
	9-39	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
	39-80	Loam, sandy loam	CL, ML, SC, SM	A-4	0	0	100	85-100	65-95	36-70	15-30	NP-10
Wr:												
Wrightsville----	0-17	Silt loam	CL, CL-ML, ML	A-4	0	0	100	95-100	90-100	70-100	15-30	3-10
	17-88	Silty clay, clay, silty clay loam	CH, CL, MH, ML	A-6, A-7	0	0	100	100	95-100	75-95	39-60	15-25