Engineering Index Properties
Calcasieu 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	
Ac:												
Acadia----------	0-14	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	85-100	15-30	NP-7
	14-19	Silt loam, silty clay loam	CL	A-6	0	0	100	100	95-100	85-100	30-40	11-18
	19-33	Clay, silty clay	CL, CH	A-7-6	0	0	100	100	95-100	90-100	42-70	20-43
	33-60	Clay, silty clay, silty clay loam	CH, CL	A-6, A-7-6	0	0	100	100	95-100	85-100	35-65	15-38
AE:												
Allemands-------	0-12	Mucky peat	PT	A-8	0	0	---	---	---	---	---	---
	12-29	Muck	PT	A-8	0	0	---	---	---	---	---	---
	29-80	Clay, mucky clay	MH, OH	A-7-5	0	0	100	100	95-100	80-100	65-90	30-50
AN:												
Aquents---------	---	---	---	---	---	---	---	---	---	---	---	---
AR:												
Arat----------	0-3	Peat	PT	A-8	0	0	---	---	---	---	---	---
	3-9	Mucky silt loam, silt loam, silty clay loam	CL, CL-ML, ML, OL	A-4, A-6	0	0	100	100	90-100	75-95	15-40	NP-22
	9-63	Silty clay loam, silt loam, mucky silty clay loam	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	90-100	80-95	22-45	6-25
BA:												
Barbary---------	0-80	Mucky clay, clay	MH, OH	A-7-5, A-8	0	0	100	100	100	95-100	70-90	35-45
BB:												
Basile----------	0-30	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	90-100	75-95	15-30	NP-10
	30-62	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	80-95	30-42	12-20
	62-70	Silt loam, silty clay loam	CL	A-4, A-6, A-7-6	0	0	100	100	95-100	80-95	28-42	8-20
Guyton----------	0-28	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	65-90	15-27	NP-7
	28-51	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
	51-62	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
Bh:												
Bienville-------	0-40	Loamy fine sand	SC-SM, SM	A-2-4, A-4	0	0	100	100	90-100	15-50	15-25	NP-5
	40-75	Loamy fine sand, fine sand	SM	A-2-4, A-4	0	0	100	100	90-100	15-50	15-25	NP-3
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
	48-64	Loamy fine sand, fine sand	SM	A-2-4, A-4	0	0	100	100	90-100	15-50	15-25	NP-3
Cahaba----------	0-16	Fine sandy loam	SM	A-2-4, A-4	0	0	95-100	95-100	65-90	30-45	---	NP
	16-44	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
	44-60	Sand, loamy sand, sandy loam	SM, SP-SM	A-2-4	0	0	95-100	90-100	60-85	10-35	---	NP

Table H.--Engineering Index Properties--Continued
Calcasieu 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	
Guyton----------	0-18	Very fine sandy loam	CL-ML, ML	A-4	0	0	100	100	95-100	65-90	15-27	NP-7
	18-46	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
	46-62	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
Bo:												
Brimstone-------	0-16	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	70-90	16-38	6-17
	16-39	Silt loam, silty clay loam	CL	A-6, A-7-6	0	0	100	100	95-100	80-95	26-48	11-33
	39-78	Silty clay loam, silt loam	CL	A-6, A-7-6	0	0	100	100	95-100	80-95	26-48	11-33
Cd:												
Caddo----------	0-29	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	70-95	15-27	NP-7
	29-74	Silt loam, loam, silty clay loam	CL	A-6	0	0	100	100	85-100	50-90	30-40	11-18
Messer----------	0-6	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	80-95	15-27	NP-7
	6-31	Silt loam, loam, very fine sandy loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	80-95	25-33	5-12
	31-62	Silty clay loam, clay loam, loam	CL	A-6, A-7-6	0	0	100	100	95-100	80-95	32-45	11-21
Ch:												
Cahaba----------	0-19	Fine sandy loam	SM	A-2-4, A-4	0	0	95-100	95-100	65-90	30-45	---	NP
	19-56	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
	56-64	Sand, loamy sand, sandy loam	SM, SP-SM	A-2-4	0	0	95-100	90-100	60-85	10-35	---	NP
CO:												
Clovelly--------	0-36	Muck	PT	A-8	0	0	---	---	---	---	---	---
	36-80	Clay, silty clay, mucky clay	CH, CL, MH, ML	A-7-5, A-7-6	0	0	100	100	95-100	85-95	47-87	25-45
Cr:												
Crowley---------	0-25	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	95-100	80-100	15-30	NP-10
	25-41	Silty clay, silty clay loam, clay loam	CH, CL	A-7-6	0	0	100	100	95-100	85-100	41-60	20-35
	41-65	Silty clay loam, silty clay, clay loam	CH, CL	A-6, A-7-6	0	0	100	100	95-100	85-100	38-60	18-35
Vidrine---------	0-20	Silt loam	CL-ML, ML	A-4	0	0	100	100	100	90-100	15-27	NP-7
	20-51	Silty clay, silty clay loam	CH, CL	A-7-6	0	0	100	100	100	90-100	41-60	19-32
	51-70	Silt loam, silty clay loam, silty clay	CH, CL	A-4, A-6, A-7-6	0	0	90-100	85-100	85-100	70-100	28-55	8-28
Dm:												
Dumps----------	---	---	---	---	---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued
Calcasieu 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	
GB:												
Ged----------	0-5	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	80-95	50-75	23-43
	5-9	Clay, mucky clay, silty clay	CH	A-7-5, A-7-6	0	0	100	100	98-100	80-95	53-85	30-52
	9-60	Clay, silty clay	CH	A-7-5, A-7-6	0	0	100	100	98-100	85-95	55-85	30-52
GC:												
Gentilly--------	0-6	Muck	PT	A-8	0	0	---	---	---	---	---	---
	6-37	Clay, silty clay, mucky clay	CH	A-7-6	0	0	100	100	100	85-100	50-81	27-55
	37-70	Clay, silty clay	CH	A-7-6	0	0	100	100	100	85-100	50-81	27-55
Ge:												
Glenmora--------	0-4	Silt loam	CL-ML, ML	A-4	0	0	100	100	90-100	75-85	15-27	NP-7
	4-26	Silty clay loam, silt loam	CL	A-4, A-6	0	0	100	100	95-100	80-95	25-38	8-16
	26-56	Silty clay loam	CL	A-6	0	0	100	100	95-100	80-95	30-40	12-18
	56-65	Silty clay loam, silty clay, clay	CH, CL	A-6, A-7-6	0	0	100	100	95-100	80-95	30-60	12-40
Gg:												
Gore----------	0-5	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	60-90	15-27	NP-7
	5-45	Clay, silty clay	CH	A-7-6	0	0	100	100	95-100	85-100	53-65	28-40
	45-60	Clay	CH	A-7-6	0	0	100	100	95-100	85-100	51-83	25-53
Go:												
Guyton----------	0-18	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	65-90	15-27	NP-7
	18-50	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
	50-65	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
GU:												
Guyton----------	0-28	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	65-90	15-27	NP-7
	28-51	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
	51-62	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
Gy:												
Guyton----------	0-26	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	65-90	15-27	NP-7
	26-55	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
	55-67	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
Messer----------	0-5	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	80-95	15-27	NP-7
	5-28	Silt loam, loam, very fine sandy loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	80-95	25-33	5-12
	28-60	Silty clay loam, clay loam, loam	CL	A-6, A-7-6	0	0	100	100	95-100	80-95	32-45	11-21

Table H.--Engineering Index Properties--Continued
Calcasieu 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	
Ju:												
Judice----------	0-5	Silty clay loam	CH, CL	A-7-6	0	0	100	100	100	95-100	47-58	22-30
	5-60	Silty clay, silty clay loam, clay loam	CH, CL	A-7-5, A-7-6	0	0	95-100	95-100	90-100	75-100	47-80	32-48
Kd:												
Kinder----------	0-17	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	95-100	60-100	15-28	NP-8
	17-60	Silty clay loam, loam, silt loam	CL	A-6, A-7-6	0	0	100	100	95-100	70-100	32-43	11-20
	60-70	Silt loam, loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	70-100	25-38	5-16
Messer----------	0-10	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	80-95	15-27	NP-7
	10-32	Silt loam, loam, very fine sandy loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	80-95	25-33	5-12
	32-68	Silty clay loam, clay loam, loam	CL	A-6, A-7-6	0	0	100	100	95-100	80-95	32-45	11-21
	68-80	Silty clay loam, clay loam, loam	CL	A-6, A-7-6	0	0	100	100	95-100	80-95	32-45	11-21
LE:												
Larose----------	0-5	Mucky clay	PT	A-8	0	0	---	---	---	---	---	---
	5-12	Clay, silty clay, mucky clay	CH, OH	A-7-5	0	0	100	100	100	90-100	60-98	30-52
	12-80	Clay, silty clay, mucky clay	CH	A-7-5	0	0	100	100	100	90-100	60-87	30-52
Lt:												
Leton----------	0-34	Silt loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	100	98-100	95-100	45-98	21-30	5-12
	34-62	Clay loam, silty clay loam, sandy clay loam	CL	A-6, A-7-6	0	0	100	98-100	95-100	51-98	30-43	14-26
Mb:												
Malbis----------	0-9	Fine sandy loam	ML, SM	A-4	0	0	100	97-100	91-97	40-62	15-30	NP-5
	9-26	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
	26-35	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
	35-65	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
Mg:												
Messer----------	0-19	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	80-95	15-27	NP-7
	19-44	Silt loam, loam, very fine sandy loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	80-95	25-33	5-12
	44-60	Silty clay loam, clay loam, loam	CL	A-6, A-7-6	0	0	100	100	95-100	80-95	32-45	11-21
Mh:												
Messer----------	0-16	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	80-95	15-27	NP-7
	16-46	Silt loam, loam, very fine sandy loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	80-95	25-33	5-12
	46-70	Silty clay loam, clay loam, loam	CL	A-6, A-7-6	0	0	100	100	95-100	80-95	32-45	11-21

Table H.--Engineering Index Properties--Continued
Calcasieu 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	
Guyton----------	0-21	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	65-90	15-27	NP-7
	21-60	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
	60-70	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
Mn:												
Midland---------	0-10	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	90-100	75-100	30-42	12-22
	10-60	Silty clay, clay, silty clay loam	CH, CL	A-7-6	0	0	100	100	100	95-100	41-65	20-40
Mr:												
Morey----------	0-18	Loam	CL, CL-ML	A-4, A-6	0	0	100	95-100	90-100	75-95	23-40	5-18
	18-39	Silty clay loam, clay loam, silt loam	CL	A-6, A-7	0	0	100	95-100	90-100	85-95	34-50	14-30
	39-60	Silty clay loam, silty clay, clay	CH, CL	A-6, A-7	0	0	98-100	95-100	90-100	85-95	35-60	15-36
Mt:												
Mowata----------	0-21	Silt loam	CL, CL-ML	A-4	0	0	100	100	95-100	90-100	22-30	5-10
	21-60	Silty clay loam, silty clay, clay loam	CH, CL	A-7-6	0	0	100	100	95-100	75-95	41-60	22-37
Vidrine---------	0-15	Silt loam	CL-ML, ML	A-4	0	0	100	100	100	90-100	15-27	NP-7
	15-50	Silty clay, silty clay loam	CH, CL	A-7-6	0	0	100	100	100	90-100	41-60	19-32
	50-74	Silt loam, silty clay loam, silty clay	CH, CL	A-4, A-6, A-7-6	0	0	90-100	85-100	85-100	70-100	28-55	8-28
Pt:												
Pits----------	---	---	---	---	---	---	---	---	---	---	---	---
UA:												
Udifluvents-----	---	---	---	---	---	---	---	---	---	---	---	---
UN:												
Una----------	0-5	Silty clay loam	CH, CL	A-7	0	0	100	100	90-100	75-95	41-65	20-40
	5-65	Clay, silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	90-100	75-95	41-65	20-40
Up:												
Urban Land------	---	---	---	---	---	---	---	---	---	---	---	---
Ur:												
Urbo----------	0-4	Silty clay loam	CL	A-6	0	0	100	100	95-100	95-100	30-40	15-25
	4-60	Silty clay, clay loam, silty clay loam	CH, CL	A-7	0	0	100	100	95-100	80-98	44-62	20-36
Vn:												
Vidrine---------	0-16	Silt loam	CL-ML, ML	A-4	0	0	100	100	100	90-100	15-27	NP-7
	16-46	Silty clay, silty clay loam	CH, CL	A-7-6	0	0	100	100	100	90-100	41-60	19-32
	46-60	Silt loam, silty clay loam, silty clay	CH, CL	A-7-6, A-4, A-6	0	0	90-100	85-100	85-100	70-100	28-55	8-28