Engineering Index Properties
Madison 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	
Ba:												
Bruin----------	0-11	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	80-100	15-27	NP-7
	11-46	Silt loam, loam, very fine sandy loam	CL, CL-ML, ML	A-4	0	0	100	100	95-100	80-100	15-32	NP-10
	46-71	Very fine sandy loam, silt loam, silty clay loam	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	95-100	80-100	17-47	5-23
BC:												
Bruin----------	0-10	Silt loam	CL-ML, ML	A-4	0	0	100	100	95-100	80-100	15-27	NP-7
	10-46	Silt loam, loam, very fine sandy loam	CL, CL-ML, ML	A-4	0	0	100	100	95-100	80-100	15-32	NP-10
	46-60	Very fine sandy loam, fine sandy loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	80-95	50-80	10-38	NP-22
Commerce--------	0-10	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	100	75-100	15-30	NP-10
	10-36	Silty clay loam, silt loam, loam	CL	A-6, A-7-6	0	0	100	100	100	85-100	32-45	11-23
	36-60	Stratified very fine sandy loam to silty clay	CL, CL-ML, ML	A-4, A-6, A-7-6	0	0	100	100	100	75-100	23-45	3-23
Cm:												
Commerce--------	0-7	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	100	75-100	15-30	NP-10
	7-48	Silty clay loam, silt loam, loam	CL	A-6, A-7-6	0	0	100	100	100	85-100	32-45	11-23
	48-65	Stratified very fine sandy loam to silty clay	CL, CL-ML, ML	A-4, A-6, A-7-6	0	0	100	100	100	75-100	23-45	3-23
Cn:												
Commerce--------	0-7	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	100	90-100	32-50	11-25
	7-48	Silty clay loam, silt loam, loam	CL	A-6, A-7-6	0	0	100	100	100	85-100	32-45	11-23
	48-65	Stratified very fine sandy loam to silty clay	CL, CL-ML, ML	A-4, A-6, A-7-6	0	0	100	100	100	75-100	23-45	3-23
Co:												
Commerce--------	0-7	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	100	90-100	32-50	11-25
	7-48	Silty clay loam, silt loam, loam	CL	A-6, A-7-6	0	0	100	100	100	85-100	32-45	11-23
	48-65	Stratified very fine sandy loam to silty clay	CL, CL-ML, ML	A-4, A-6, A-7-6	0	0	100	100	100	75-100	23-45	3-23
Cr:												
Crevasse--------	0-5	Fine sand	SM, SP-SM	A-2-4, A-3	0	0	100	95-100	50-100	5-20	---	NP
	5-60	Sand, loamy sand, loamy fine sand	SM, SP-SM	A-2, A-3	0	0	100	95-100	50-100	5-20	---	NP
Dd:												
Dundee----------	0-9	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	75-98	20-35	3-11
	9-33	Silty clay loam, clay loam, sandy clay loam	CL	A-6, A-7	0	0	100	100	90-100	70-95	28-44	12-22

Table H.--Engineering Index Properties--Continued
Madison 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	
	33-65	Loam, very fine sandy loam, silt loam	CL, CL-ML, ML	A-4	0	0	100	100	85-100	60-90	15-30	NP-8
De:												
Dundee----------	0-9	Silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	75-98	20-35	3-11
	9-33	Silty clay loam, clay loam, sandy clay loam	CL	A-6, A-7	0	0	100	100	90-100	70-95	28-44	12-22
	33-65	Loam, very fine sandy loam, silt loam	CL, CL-ML, ML	A-4	0	0	100	100	85-100	60-90	15-30	NP-8
Ds:												
Dundee----------	0-9	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	75-98	20-35	3-11
	9-33	Silty clay loam, clay loam, sandy clay loam	CL	A-6, A-7	0	0	100	100	90-100	70-95	28-44	12-22
	33-65	Loam, very fine sandy loam, silt loam	CL, CL-ML, ML	A-4	0	0	100	100	85-100	60-90	15-30	NP-8
Sharkey---------	0-6	Clay	CH, CL	A-7-5, A-7-6	0	0	100	100	100	95-100	46-85	22-50
	6-40	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	95-100	56-85	30-50
	40-83	Clay, silty clay loam, silt loam	CH, CL	A-6, A-7-5, A-7-6	0	0	100	100	100	95-100	32-85	11-50
Sa:												
Sharkey---------	0-8	Silt loam	CL, CL-ML, ML	A-4	0	0	100	100	100	95-100	15-27	NP-10
	8-40	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	95-100	56-85	30-50
	40-83	Clay, silty clay loam, silt loam	CH, CL	A-6, A-7-5, A-7-6	0	0	100	100	100	95-100	32-85	11-50
Sb:												
Sharkey---------	0-9	Silty clay loam	CL	A-6, A-7-6	0	0	100	100	100	95-100	32-50	11-25
	9-40	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	95-100	56-85	30-50
	40-83	Clay, silty clay loam, silt loam	CH, CL	A-6, A-7-5, A-7-6	0	0	100	100	100	95-100	32-85	11-50
Sc:												
Sharkey---------	0-6	Clay	CH, CL	A-7-5, A-7-6	0	0	100	100	100	95-100	46-85	22-50
	6-40	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	95-100	56-85	30-50
	40-83	Clay, silty clay loam, silt loam	CH, CL	A-6, A-7-5, A-7-6	0	0	100	100	100	95-100	32-85	11-50
Sd:												
Sharkey---------	0-6	Clay	CH, CL	A-7-5, A-7-6	0	0	100	100	100	95-100	46-85	22-50
	6-40	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	95-100	56-85	30-50
	40-83	Clay, silty clay loam, silt loam	CL, CH	A-6, A-7-5, A-7-6	0	0	100	100	100	95-100	32-85	11-50
Sf:												
Sharkey---------	0-6	Clay	CH, CL	A-7-5, A-7-6	0	0	100	100	100	95-100	46-85	22-50
	6-40	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	95-100	56-85	30-50
	40-83	Clay, silty clay loam, silt loam	CH, CL	A-6, A-7-5, A-7-6	0	0	100	100	100	95-100	32-85	11-50
SS:												
Sharkey---------	0-9	Clay	CH, CL	A-7-5, A-7-6	0	0	100	100	100	95-100	46-85	22-50
	9-42	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	95-100	56-85	30-50
	42-60	Clay, silty clay loam, silt loam	CH, CL	A-7-6, A-6, A-7-5	0	0	100	100	100	95-100	32-85	11-50

Table H.--Engineering Index Properties--Continued
Madison 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	
St:												
Sharkey---------	0-6	Clay	CH, CL	A-7-5, A-7-6	0	0	100	100	100	95-100	46-85	22-50
	6-40	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	95-100	56-85	30-50
	40-83	Clay, silty clay loam, silt loam	CH, CL	A-6, A-7-5, A-7-6	0	0	100	100	100	95-100	32-85	11-50
Tunica----------	0-4	Clay	CH	A-7	0	0	100	98-100	95-100	90-100	50-92	25-62
	4-26	Clay, silty clay	CH	A-7	0	0	100	98-100	95-100	90-100	50-92	25-62
	26-76	Fine sandy loam, loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	100	95-100	65-100	51-100	15-40	NP-20
SU:												
Sharkey---------	0-9	Clay	CH, CL	A-7-5, A-7-6	0	0	100	100	100	95-100	46-85	22-50
	9-42	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	95-100	56-85	30-50
	42-60	Clay, silty clay loam, silt loam	CH, CL	A-6, A-7-5, A-7-6	0	0	100	100	100	95-100	32-85	11-50
Tunica----------	0-7	Clay	CH	A-7	0	0	100	98-100	95-100	90-100	50-92	25-62
	7-28	Clay, silty clay	CH	A-7	0	0	100	98-100	95-100	90-100	50-92	25-62
	28-48	Fine sandy loam, loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	100	95-100	65-100	51-100	15-40	NP-20
Ta:												
Tensas----------	0-5	Silty clay	CH, CL	A-7-6	0	0	100	100	100	95-100	46-70	22-40
	5-22	Clay, silty clay	CH	A-7-6	0	0	100	100	100	95-100	51-75	26-45
	22-67	Very fine sandy loam, silty clay loam, silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	80-100	25-40	5-17
Ts:												
Tensas----------	0-5	Silty clay	CH, CL	A-7-6	0	0	100	100	100	95-100	46-70	22-40
	5-22	Clay, silty clay	CH	A-7-6	0	0	100	100	100	95-100	51-75	26-45
	22-67	Very fine sandy loam, silty clay loam, silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	80-100	25-40	5-17
Sharkey---------	0-6	Clay	CH, CL	A-7-5, A-7-6	0	0	100	100	100	95-100	46-85	22-50
	6-40	Clay	CH	A-7-5, A-7-6	0	0	100	100	100	95-100	56-85	30-50
	40-83	Clay, silty clay loam, silt loam	CH, CL	A-6, A-7-5, A-7-6	0	0	100	100	100	95-100	32-85	11-50
Tu:												
Tunica----------	0-8	Clay	CH	A-7	0	0	100	98-100	95-100	90-100	50-92	25-62
	8-26	Clay, silty clay	CH	A-7	0	0	100	98-100	95-100	90-100	50-92	25-62
	26-76	Fine sandy loam, loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	100	95-100	65-100	51-100	15-40	NP-20
Ud:												
Udifluvents-----	---	---	---	---	---	---	---	---	---	---	---	---
Us:												
Udipsamments----	---	---	---	---	---	---	---	---	---	---	---	---