

Physical Properties of the Soils

\* Lowndes County, Alabama

(Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
2A: Annemaine-----	0-9	---	---	10-20	1.30-1.55	0.57-1.98	0.12-0.16	0.0-2.9	0.5-1.0	.28	.28	5	3	86
	9-16	---	---	35-50	1.30-1.45	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	16-37	---	---	35-60	1.25-1.40	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	37-49	---	---	20-35	1.30-1.60	0.20-0.57	0.14-0.18	0.0-2.9	---	.37	.37			
	49-90	---	---	5-25	1.40-1.60	0.20-1.98	0.14-0.18	0.0-2.9	---	.32	.32			
2B: Annemaine-----	0-9	---	---	10-20	1.30-1.55	0.57-1.98	0.12-0.16	0.0-2.9	0.5-1.0	.28	.28	5	3	86
	9-16	---	---	35-50	1.30-1.45	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	16-37	---	---	35-60	1.25-1.40	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	37-49	---	---	20-35	1.30-1.60	0.20-0.57	0.14-0.18	0.0-2.9	---	.37	.37			
	49-90	---	---	5-25	1.40-1.60	0.20-1.98	0.14-0.18	0.0-2.9	---	.32	.32			
7B: Brantley-----	0-6	---	---	8-21	1.35-1.65	0.57-1.98	0.10-0.15	0.0-2.9	1.0-4.0	.28	.28	5	3	86
	6-35	---	---	35-55	1.35-1.55	0.06-0.20	0.12-0.20	3.0-5.9	0.5-1.0	.28	.28			
	35-52	---	---	25-35	1.35-1.65	0.57-1.98	0.12-0.20	0.0-2.9	0.0-0.5	.24	.24			
	52-72	---	---	10-25	1.40-1.65	0.57-1.98	0.10-0.15	0.0-2.9	0.0-0.5	.20	.20			
7D: Brantley-----	0-6	---	---	8-21	1.35-1.65	0.57-1.98	0.10-0.15	0.0-2.9	1.0-4.0	.28	.28	5	3	86
	6-35	---	---	35-55	1.35-1.55	0.06-0.20	0.12-0.20	3.0-5.9	0.5-1.0	.28	.28			
	35-52	---	---	25-35	1.35-1.65	0.57-1.98	0.12-0.20	0.0-2.9	0.0-0.5	.24	.24			
	52-72	---	---	10-25	1.40-1.65	0.57-1.98	0.10-0.15	0.0-2.9	0.0-0.5	.20	.20			
9A: Izagora-----	0-11	---	---	8-20	1.40-1.65	1.98-5.95	0.11-0.20	0.0-2.9	0.5-1.0	.28	.28	5	3	86
	11-46	---	---	18-30	1.40-1.60	0.57-1.98	0.12-0.20	0.0-2.9	---	.32	.32			
	46-91	---	---	35-55	1.30-1.60	0.06-0.20	0.16-0.20	3.0-5.9	---	.32	.32			

Physical Properties of the Soils (cont.)

\* Lowndes County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
10: Riverview-----	0-6	---	---	4-18	1.30-1.60	0.57-1.98	0.12-0.18	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	6-39	---	---	18-35	1.20-1.40	0.57-1.98	0.15-0.22	0.0-2.9	0.5-1.0	.24	.24			
	39-70	---	---	4-18	1.20-1.50	1.98-5.95	0.07-0.11	0.0-2.9	0.5-1.0	.17	.17			
11: Mantachie-----	0-11	---	---	8-20	1.50-1.60	0.57-1.98	0.16-0.20	0.0-2.9	1.0-3.0	.28	.28	5	---	---
	11-61	---	---	18-34	1.50-1.60	0.57-1.98	0.14-0.20	0.0-2.9	---	.28	.28			
Bibb-----	0-12	---	---	2-18	1.50-1.70	0.57-1.98	0.12-0.18	0.0-2.9	1.0-3.0	.20	.20	5	3	86
	12-60	---	---	2-18	1.45-1.75	0.57-1.98	0.10-0.20	0.0-2.9	0.5-1.0	.37	.37			
Iuka-----	0-13	---	---	6-15	---	1.98-5.95	0.10-0.15	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	13-22	---	---	8-18	---	0.57-1.98	0.10-0.20	0.0-2.9	---	.28	.28			
	22-60	---	---	5-15	---	0.57-1.98	0.10-0.20	0.0-2.9	---	.20	.20			
12: Houlka-----	0-8	---	---	25-40	1.45-1.65	0.57-1.98	0.18-0.22	3.0-5.9	0.5-1.0	.28	.28	5	---	---
	8-60	---	---	35-55	1.40-1.60	0.00-0.06	0.18-0.20	6.0-8.9	---	.32	.32			
15: Una-----	0-6	---	---	28-45	1.40-1.60	0.00-0.06	0.15-0.20	6.0-8.9	1.0-3.0	.32	.32	5	---	---
	6-60	---	---	35-55	1.40-1.60	0.00-0.06	0.15-0.20	6.0-8.9	---	.28	.28			
16: Pits-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	-	8	0
17B: Troup-----	0-53	---	---	2-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	53-80	---	---	15-35	1.40-1.60	0.57-1.98	0.10-0.13	0.0-2.9	---	.20	.20			
17C: Troup-----	0-53	---	---	2-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	53-80	---	---	15-35	1.40-1.60	0.57-1.98	0.10-0.13	0.0-2.9	---	.20	.20			
18E: Luverne-----	0-7	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	7-30	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	30-40	---	---	20-40	1.35-1.65	0.20-0.57	0.12-0.18	0.0-2.9	---	.28	.28			
	40-80	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			
Saffell-----	0-8	---	---	5-20	1.30-1.60	1.98-5.95	0.08-0.20	0.0-2.9	1.0-2.0	.24	.24	5	3	86
	8-14	---	---	10-35	1.35-1.60	0.06-1.98	0.06-0.15	0.0-2.9	0.5-1.0	.28	.28			
	14-47	---	---	12-35	1.35-1.60	0.57-1.98	0.06-0.12	0.0-2.9	0.0-0.5	.28	.32			
	47-72	---	---	10-25	1.30-1.65	0.57-5.95	0.04-0.11	0.0-2.9	0.0-0.5	.17	.20			

Physical Properties of the Soils (cont.)

\* Lowndes County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
21A: Bassfield-----	0-7	---	---	4-10	1.40-1.50	1.98-5.95	0.10-0.15	0.0-2.9	1.0-3.0	.20	.20	4	---	---
	7-42	---	---	8-18	1.45-1.55	1.98-5.95	0.10-0.15	0.0-2.9	---	.20	.20			
	42-80	---	---	1-7	1.40-1.50	5.95-19.98	0.05-0.08	0.0-2.9	---	.17	.17			
24A: Heidel-----	0-11	---	---	1-10	1.30-1.70	0.57-1.98	0.10-0.15	0.0-2.9	0.5-2.0	.20	.20	5	---	---
	11-46	---	---	10-18	1.30-1.70	0.57-1.98	0.10-0.15	0.0-2.9	---	.20	.20			
	46-80	---	---	10-30	1.40-1.70	0.57-1.98	0.10-0.15	0.0-2.9	---	.20	.20			
24B: Heidel-----	0-11	---	---	1-10	1.30-1.70	0.57-1.98	0.10-0.15	0.0-2.9	0.5-2.0	.20	.20	5	---	---
	11-46	---	---	10-18	1.30-1.70	0.57-1.98	0.10-0.15	0.0-2.9	---	.20	.20			
	46-80	---	---	10-30	1.40-1.70	0.57-1.98	0.10-0.15	0.0-2.9	---	.20	.20			
28: Bigbee-----	0-17	---	---	4-10	1.40-1.50	5.95-19.98	0.05-0.10	0.0-2.9	0.5-2.0	.10	.10	5	---	---
	17-80	---	---	1-10	1.40-1.50	5.95-19.98	0.05-0.08	0.0-2.9	---	.17	.17			
29: Urbo-----	0-9	---	---	12-35	1.40-1.50	0.06-0.20	0.19-0.21	0.0-2.9	1.0-3.0	.49	.49	5	---	---
	9-71	---	---	35-55	1.45-1.55	0.00-0.06	0.18-0.20	3.0-5.9	---	.28	.28			
30A: Lucedale-----	0-8	---	---	1-10	1.40-1.55	0.57-1.98	0.15-0.20	0.0-2.9	0.5-2.0	.24	.24	5	---	---
	8-60	---	---	20-30	1.55-1.70	0.57-1.98	0.14-0.18	0.0-2.9	---	.24	.24			
30B: Lucedale-----	0-8	---	---	1-10	1.40-1.55	0.57-1.98	0.15-0.20	0.0-2.9	0.5-2.0	.24	.24	5	---	---
	8-60	---	---	20-30	1.55-1.70	0.57-1.98	0.14-0.18	0.0-2.9	---	.24	.24			
30C: Smithdale-----	0-11	---	---	2-15	1.40-1.50	1.98-5.95	0.14-0.16	0.0-2.9	0.5-2.0	.28	.28	5	---	---
	11-38	---	---	18-33	1.40-1.55	0.57-1.98	0.15-0.17	0.0-2.9	---	.24	.24			
	38-80	---	---	12-27	1.40-1.55	1.98-5.95	0.14-0.16	0.0-2.9	---	.28	.28			
30D: Smithdale-----	0-11	---	---	2-15	1.40-1.50	1.98-5.95	0.14-0.16	0.0-2.9	0.5-2.0	.28	.28	5	---	---
	11-38	---	---	18-33	1.40-1.55	0.57-1.98	0.15-0.17	0.0-2.9	---	.24	.24			
	38-80	---	---	12-27	1.40-1.55	1.98-5.95	0.14-0.16	0.0-2.9	---	.28	.28			

Physical Properties of the Soils (cont.)

\* Lowndes County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
31A: Bama-----	0-14	---	---	7-22	1.30-1.60	0.57-5.95	0.08-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	14-41	---	---	18-32	1.40-1.55	0.57-1.98	0.12-0.18	0.0-2.9	---	.32	.32			
	41-74	---	---	20-35	1.40-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.32	.32			
31B: Bama-----	0-14	---	---	7-22	1.30-1.60	0.57-5.95	0.08-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	14-41	---	---	18-32	1.40-1.55	0.57-1.98	0.12-0.18	0.0-2.9	---	.32	.32			
	41-74	---	---	20-35	1.40-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.32	.32			
34A: Minter-----	0-5	---	---	14-27	1.45-1.65	0.57-1.98	0.16-0.22	0.0-2.9	1.0-3.0	.37	.37	5	6	48
	5-72	---	---	35-50	1.35-1.65	0.06-0.20	0.14-0.20	3.0-5.9	0.1-0.5	.32	.32			
35A: Cahaba-----	0-9	---	---	7-17	1.35-1.60	1.98-5.95	0.10-0.14	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	9-53	---	---	18-35	1.35-1.60	0.57-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	53-80	---	---	4-20	1.40-1.70	1.98-19.98	0.05-0.10	0.0-2.9	---	.24	.24			
35B: Cahaba-----	0-9	---	---	7-17	1.35-1.60	1.98-5.95	0.10-0.14	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	9-53	---	---	18-35	1.35-1.60	0.57-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	53-80	---	---	4-20	1.40-1.70	1.98-19.98	0.05-0.10	0.0-2.9	---	.24	.24			
36A: Mcqueen-----	0-8	---	---	7-20	1.25-1.60	0.57-1.98	0.11-0.17	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	8-34	---	---	35-55	1.20-1.50	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	34-56	---	---	27-40	1.20-1.50	0.20-0.57	0.14-0.18	0.0-2.9	---	.37	.37			
	56-70	---	---	12-32	1.25-1.55	0.20-0.57	0.14-0.18	0.0-2.9	---	.32	.32			
36B: Mcqueen-----	0-8	---	---	7-20	1.25-1.60	0.57-1.98	0.11-0.17	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	8-34	---	---	35-55	1.20-1.50	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	34-56	---	---	27-40	1.20-1.50	0.20-0.57	0.14-0.18	0.0-2.9	---	.37	.37			
	56-70	---	---	12-32	1.25-1.55	0.20-0.57	0.14-0.18	0.0-2.9	---	.32	.32			
40B: Luverne-----	0-7	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	7-30	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	30-40	---	---	20-40	1.35-1.65	0.20-0.57	0.12-0.18	0.0-2.9	---	.28	.28			
	40-80	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			

Physical Properties of the Soils (cont.)

\* Lowndes County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
40D: Luverne-----	0-7	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	7-30	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	30-40	---	---	20-40	1.35-1.65	0.20-0.57	0.12-0.18	0.0-2.9	---	.28	.28			
	40-80	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			
40E: Luverne-----	0-7	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	7-30	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	30-40	---	---	20-40	1.35-1.65	0.20-0.57	0.12-0.18	0.0-2.9	---	.28	.28			
	40-80	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			
41A: Pheba-----	0-8	---	---	5-15	1.35-1.45	0.57-1.98	0.16-0.22	0.0-2.9	0.5-2.0	.43	.43	4	---	---
	8-21	---	---	10-18	1.45-1.55	0.57-1.98	0.16-0.22	0.0-2.9	---	.49	.49			
	21-60	---	---	10-35	1.65-1.80	0.20-0.57	0.05-0.10	0.0-2.9	---	.43	.43			
44A: Benndale-----	0-5	---	---	6-14	1.45-1.55	0.57-1.98	0.10-0.15	0.0-2.9	1.0-3.0	.20	.20	5	---	---
	5-33	---	---	10-18	1.55-1.65	0.57-1.98	0.12-0.18	0.0-2.9	---	.28	.28			
	33-68	---	---	14-28	1.55-1.65	0.57-1.98	0.12-0.18	0.0-2.9	---	.32	.32			
	68-73	---	---	6-20	1.55-1.65	1.98-5.95	0.10-0.15	0.0-2.9	---	.28	.28			
49: Marietta-----	0-10	---	---	5-20	1.50-1.55	0.57-1.98	0.14-0.18	0.0-2.9	2.0-4.0	.28	.28	5	---	---
	10-46	---	---	18-30	1.40-1.55	0.57-1.98	0.14-0.20	0.0-2.9	---	.28	.28			
	46-62	---	---	12-45	1.40-1.55	0.57-1.98	0.14-0.20	3.0-5.9	---	.28	.28			
50C: Conecuh-----	0-5	---	---	7-25	1.40-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	5-9	---	---	35-50	1.35-1.60	0.06-0.20	0.12-0.18	3.0-5.9	0.5-1.0	.32	.32			
	9-50	---	---	45-70	1.30-1.55	0.00-0.06	0.08-0.19	6.0-8.9	0.0-0.5	.32	.32			
	50-63	---	---	---	---	0.00-0.00	---	---	---	---	---			
50E: Conecuh-----	0-5	---	---	7-25	1.40-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	5-9	---	---	35-50	1.35-1.60	0.06-0.20	0.12-0.18	3.0-5.9	0.5-1.0	.32	.32			
	9-50	---	---	45-70	1.30-1.55	0.00-0.06	0.08-0.19	6.0-8.9	0.0-0.5	.32	.32			
	50-63	---	---	---	---	0.00-0.00	---	---	---	---	---			
52C: Oktibbeha-----	0-4	---	---	40-60	1.10-1.40	0.00-0.06	0.12-0.16	3.0-5.9	3.0-7.0	.32	.32	5	4	86
	4-41	---	---	60-77	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	41-70	---	---	50-65	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			

Physical Properties of the Soils (cont.)

\* Lowndes County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
52E: Oktibbeha-----	0-4	---	---	40-60	1.10-1.40	0.00-0.06	0.12-0.16	3.0-5.9	3.0-7.0	.32	.32	5	4	86
	4-41	---	---	60-77	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	41-70	---	---	50-65	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			
52F: Oktibbeha-----	0-4	---	---	40-60	1.10-1.40	0.00-0.06	0.12-0.16	3.0-5.9	3.0-7.0	.32	.32	5	4	86
	4-41	---	---	60-77	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	41-70	---	---	50-65	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			
Brantley-----	0-6	---	---	27-35	1.35-1.60	0.57-1.98	0.12-0.18	0.0-2.9	0.5-2.0	.28	.28	5	6	48
	6-35	---	---	35-55	1.35-1.55	0.06-0.20	0.12-0.20	3.0-5.9	0.5-1.0	.28	.28			
	35-52	---	---	25-35	1.35-1.65	0.57-1.98	0.12-0.20	0.0-2.9	0.0-0.5	.24	.24			
	52-72	---	---	10-25	1.40-1.65	0.57-1.98	0.10-0.15	0.0-2.9	0.0-0.5	.20	.20			
53C: Sumter-----	0-10	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	2	4	86
	10-21	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	21-28	---	---	35-57	1.15-1.50	0.06-1.98	0.11-0.16	3.0-5.9	0.0-0.5	.32	.37			
	28-60	---	---	---	---	0.00-0.00	---	---	---	---	---			
53F: Sumter-----	0-10	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	2	4	86
	10-21	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	21-28	---	---	35-57	1.15-1.50	0.06-1.98	0.11-0.16	3.0-5.9	0.0-0.5	.32	.37			
	28-60	---	---	---	---	0.00-0.00	---	---	---	---	---			
54B: Okolona-----	0-8	---	---	27-50	1.30-1.50	0.00-0.06	0.20-0.22	6.0-8.9	1.0-4.0	.37	.37	4	---	---
	8-65	---	---	40-55	1.30-1.50	0.00-0.06	0.18-0.20	9.0-25.0	---	.32	.32			
	65-80	---	---	35-60	1.30-1.50	0.00-0.06	0.00-0.00	---	---	---	---			
54C: Okolona-----	0-8	---	---	27-50	1.30-1.50	0.00-0.06	0.20-0.22	6.0-8.9	1.0-4.0	.37	.37	4	---	---
	8-65	---	---	40-55	1.30-1.50	0.00-0.06	0.18-0.20	9.0-25.0	---	.32	.32			
	65-80	---	---	35-60	1.30-1.50	0.00-0.06	0.00-0.00	---	---	---	---			
56A: Catalpa-----	0-6	---	---	20-40	1.45-1.65	0.20-0.57	0.19-0.22	3.0-5.9	2.0-4.0	.28	.28	5	---	---
	6-60	---	---	35-50	1.45-1.60	0.06-0.20	0.18-0.20	6.0-8.9	---	.28	.28			

Physical Properties of the Soils (cont.)

\* Lowndes County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
56B:														
Faunsdale-----	0-2	---	---	27-40	0.90-1.40	0.06-0.20	0.15-0.20	6.0-8.9	2.0-7.0	.37	.37	5	6	48
	2-14	---	---	35-60	0.90-1.40	0.06-0.20	0.14-0.20	6.0-8.9	---	.37	.37			
	14-36	---	---	35-60	1.00-1.30	0.06-0.20	0.14-0.18	6.0-8.9	---	.32	.32			
	36-49	---	---	40-60	1.00-1.30	0.00-0.06	0.12-0.18	6.0-8.9	---	.32	.32			
	49-65	---	---	40-60	1.00-1.30	0.00-0.06	0.11-0.14	6.0-8.9	---	.32	.37			
57C:														
Sumter-----	0-10	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	2	4	86
	10-21	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	21-28	---	---	35-57	1.15-1.50	0.06-1.98	0.11-0.16	3.0-5.9	0.0-0.5	.32	.37			
	28-60	---	---	---	---	0.00-0.00	---	---	---	---	---			
Oktoberbeha-----	0-4	---	---	40-60	1.10-1.40	0.00-0.06	0.12-0.16	3.0-5.9	3.0-7.0	.32	.32	5	4	86
	4-41	---	---	60-77	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	41-70	---	---	50-65	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			
57F:														
Sumter-----	0-10	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	2	4	86
	10-21	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	21-28	---	---	35-57	1.15-1.50	0.06-1.98	0.11-0.16	3.0-5.9	0.0-0.5	.32	.37			
	28-60	---	---	---	---	0.00-0.00	---	---	---	---	---			
Oktoberbeha-----	0-4	---	---	40-60	1.10-1.40	0.00-0.06	0.12-0.16	3.0-5.9	3.0-7.0	.32	.32	5	4	86
	4-41	---	---	60-77	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	41-70	---	---	50-65	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			
58A:														
Macon-----	0-9	---	---	7-20	1.40-1.60	0.57-1.98	0.12-0.16	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	9-24	---	---	18-35	1.40-1.60	0.20-0.57	0.12-0.17	3.0-5.9	---	.28	.28			
	24-75	---	---	25-50	1.20-1.40	0.06-0.20	0.11-0.16	3.0-5.9	---	.24	.24			
58B:														
Macon-----	0-9	---	---	7-20	1.40-1.60	0.57-1.98	0.12-0.16	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	9-24	---	---	18-35	1.40-1.60	0.20-0.57	0.12-0.17	3.0-5.9	---	.28	.28			
	24-75	---	---	25-50	1.20-1.40	0.06-0.20	0.11-0.16	3.0-5.9	---	.24	.24			
58C:														
Macon-----	0-9	---	---	7-20	1.40-1.60	0.57-1.98	0.12-0.16	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	9-24	---	---	18-35	1.40-1.60	0.20-0.57	0.12-0.17	3.0-5.9	---	.28	.28			
	24-75	---	---	25-50	1.20-1.40	0.06-0.20	0.11-0.16	3.0-5.9	---	.24	.24			

Physical Properties of the Soils (cont.)

\* Lowndes County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind	Wind
										Kw	Kf	T	erodi- bility group	erodi- bility index
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
60F:														
Luverne-----	0-7	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	7-30	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	30-40	---	---	20-40	1.35-1.65	0.20-0.57	0.12-0.18	0.0-2.9	---	.28	.28			
	40-80	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			
Conecuh-----	0-5	---	---	7-25	1.40-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	5-9	---	---	35-50	1.35-1.60	0.06-0.20	0.12-0.18	3.0-5.9	0.5-1.0	.32	.32			
	9-50	---	---	45-70	1.30-1.55	0.00-0.06	0.08-0.19	6.0-8.9	0.0-0.5	.32	.32			
	50-63	---	---	---	---	0.00-0.00	---	---	---	---	---			
70B:														
Lucy-----	0-24	---	---	1-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	24-35	---	---	10-30	1.40-1.60	1.98-5.95	0.10-0.12	0.0-2.9	---	.24	.24			
	35-70	---	---	20-45	1.40-1.60	0.57-1.98	0.12-0.14	0.0-2.9	---	.28	.28			
70C:														
Lucy-----	0-24	---	---	1-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	24-35	---	---	10-30	1.40-1.60	1.98-5.95	0.10-0.12	0.0-2.9	---	.24	.24			
	35-70	---	---	20-45	1.40-1.60	0.57-1.98	0.12-0.14	0.0-2.9	---	.28	.28			
70D:														
Lucy-----	0-24	---	---	1-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	24-35	---	---	10-30	1.40-1.60	1.98-5.95	0.10-0.12	0.0-2.9	---	.24	.24			
	35-70	---	---	20-45	1.40-1.60	0.57-1.98	0.12-0.14	0.0-2.9	---	.28	.28			
83A:														
Rains-----	0-12	---	---	5-20	1.30-1.60	1.98-5.95	0.10-0.14	0.0-2.9	1.0-6.0	.20	.20	5	3	86
	12-40	---	---	18-35	1.30-1.60	0.57-1.98	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24			
	40-62	---	---	18-40	1.30-1.50	0.57-1.98	0.10-0.15	0.0-2.9	0.5-1.0	.28	.28			
	62-79	---	---	15-45	1.30-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-1.0	.28	.28			
99:														
Gullied Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	-	8	0
131A:														
Malbis-----	0-7	---	---	10-25	1.30-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	7-26	---	---	18-33	1.30-1.70	0.57-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	26-54	---	---	20-35	1.40-1.60	0.57-1.98	0.12-0.17	0.0-2.9	---	.28	.28			
	54-71	---	---	20-35	1.45-1.70	0.20-0.57	0.06-0.12	0.0-2.9	---	.28	.28			

Physical Properties of the Soils (cont.)

\* Lowndes County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
131B: Malbis-----	0-7	---	---	10-25	1.30-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	7-26	---	---	18-33	1.30-1.70	0.57-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	26-54	---	---	20-35	1.40-1.60	0.57-1.98	0.12-0.17	0.0-2.9	---	.28	.28			
	54-71	---	---	20-35	1.45-1.70	0.20-0.57	0.06-0.12	0.0-2.9	---	.28	.28			
131C: Malbis-----	0-7	---	---	10-25	1.30-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	7-26	---	---	18-33	1.30-1.70	0.57-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	26-54	---	---	20-35	1.40-1.60	0.57-1.98	0.12-0.17	0.0-2.9	---	.28	.28			
	54-71	---	---	20-35	1.45-1.70	0.20-0.57	0.06-0.12	0.0-2.9	---	.28	.28			
140A: Savannah-----	0-11	---	---	3-16	1.50-1.60	0.57-1.98	0.13-0.16	0.0-2.9	0.5-3.0	.24	.24	4	3	86
	11-28	---	---	18-32	1.45-1.65	0.57-1.98	0.11-0.17	0.0-2.9	---	.28	.28			
	28-68	---	---	18-32	1.60-1.80	0.20-0.57	0.05-0.10	0.0-2.9	---	.24	.24			
140B: Savannah-----	0-11	---	---	3-16	1.50-1.60	0.57-1.98	0.13-0.16	0.0-2.9	0.5-3.0	.24	.24	4	3	86
	11-28	---	---	18-32	1.45-1.65	0.57-1.98	0.11-0.17	0.0-2.9	---	.28	.28			
	28-68	---	---	18-32	1.60-1.80	0.20-0.57	0.05-0.10	0.0-2.9	---	.24	.24			
152A: Vaiden-----	0-4	---	---	25-55	1.10-1.40	0.06-0.20	0.10-0.15	6.0-8.9	0.5-2.0	.32	.32	5	4	86
	4-26	---	---	60-75	1.00-1.30	0.00-0.06	0.10-0.15	9.0-25.0	---	.32	.32			
	26-80	---	---	40-75	1.10-1.40	0.00-0.06	0.10-0.15	9.0-25.0	---	.32	.32			
152B: Vaiden-----	0-4	---	---	25-55	1.10-1.40	0.06-0.20	0.10-0.15	6.0-8.9	0.5-2.0	.32	.32	5	4	86
	4-26	---	---	60-75	1.00-1.30	0.00-0.06	0.10-0.15	9.0-25.0	---	.32	.32			
	26-80	---	---	40-75	1.10-1.40	0.00-0.06	0.10-0.15	9.0-25.0	---	.32	.32			
155: Leeper-----	0-8	---	---	40-50	1.45-1.65	0.06-0.20	0.18-0.22	6.0-8.9	1.0-4.0	.32	.32	5	---	---
	8-50	---	---	35-50	1.40-1.60	0.00-0.06	0.18-0.20	6.0-8.9	---	.32	.32			
160F: Lucy-----	0-24	---	---	1-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	24-35	---	---	10-30	1.40-1.60	1.98-5.95	0.10-0.12	0.0-2.9	---	.24	.24			
	35-70	---	---	20-45	1.40-1.60	0.57-1.98	0.12-0.14	0.0-2.9	---	.28	.28			
Luverne-----	0-7	---	---	7-20	1.35-1.65	1.98-5.95	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	7-30	---	---	35-50	1.25-1.55	0.20-0.57	0.12-0.18	3.0-5.9	---	.28	.28			
	30-40	---	---	20-40	1.35-1.65	0.20-0.57	0.12-0.18	0.0-2.9	---	.28	.28			
	40-80	---	---	10-35	1.35-1.65	0.20-0.57	0.05-0.10	0.0-2.9	---	.28	.28			

Physical Properties of the Soils (cont.)

\* Lowndes County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind	Wind
										Kw	Kf	T	erodi- bility group	erodi- bility index
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
171A: Ocilla-----	0-28	---	---	4-10	1.45-1.65	1.98-19.98	0.05-0.08	0.0-2.9	1.0-2.0	.10	.10	5	2	134
	28-59	---	---	15-35	1.55-1.70	0.57-1.98	0.09-0.12	0.0-2.9	---	.24	.24			
	59-67	---	---	15-40	1.55-1.70	0.20-1.98	0.09-0.12	0.0-2.9	---	.24	.24			
236A: Lenoir-----	0-8	---	---	6-20	1.40-1.55	1.98-5.95	0.10-0.14	0.0-2.9	2.0-4.0	.28	.28	5	3	86
	8-75	---	---	35-60	1.20-1.35	0.06-0.20	0.13-0.15	3.0-5.9	---	.32	.32			
260: Typic Udorthents-----	0-80	---	---	5-35	1.35-1.65	0.20-0.57	0.10-0.18	0.0-2.9	0.5-3.0	.24	.24	5	---	---
485A: Mashulaville-----	0-5	---	---	8-18	1.40-1.55	0.57-1.98	0.12-0.15	0.0-2.9	1.0-3.0	.24	.24	4	---	---
	5-26	---	---	8-18	1.40-1.55	0.57-1.98	0.12-0.15	0.0-2.9	---	.24	---			
	5-26	---	---	8-18	1.40-1.55	0.57-1.98	0.15-0.20	0.0-2.9	---	.32	.32			
	26-62	---	---	8-35	1.65-1.80	0.06-0.20	0.08-0.10	0.0-2.9	---	.28	---			
520C: Kipling-----	0-3	---	---	12-18	1.50-1.55	0.06-1.98	0.12-0.18	0.0-2.9	0.5-2.0	.28	.28	5	---	---
	3-62	---	---	36-60	1.37-1.41	0.06-0.20	0.20-0.22	6.0-8.9	---	.32	.32			
	62-72	---	---	40-60	1.57-1.60	0.00-0.06	0.18-0.20	9.0-25.0	---	.32	.32			
520D: Kipling-----	0-3	---	---	12-18	1.50-1.55	0.06-1.98	0.12-0.18	0.0-2.9	0.5-2.0	.28	.28	5	---	---
	3-62	---	---	36-60	1.37-1.41	0.06-0.20	0.20-0.22	6.0-8.9	---	.32	.32			
	62-72	---	---	40-60	1.57-1.60	0.00-0.06	0.18-0.20	9.0-25.0	---	.32	.32			

FOOTNOTES: \*An official soil survey project has not been conducted for Lowndes County. This table contains preliminary information.