Table H. - Engineering Index Properties

Charlotte County, Virginia

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AbB:												
Abell	0-18	Sandy Loam	SC	A-2	0	0	90-100	85-100	50-95	25-75	18-35	2-13
		Fine Sandy Loam	SC-SM	A-4								
		Loam	SM									
	18-40	Sandy Clay Loam	CL	A-2	0	0	80-100	70-100	55-100	25-80	27-44	12-25
		Clay Loam	SC	A-6								
		Gravelly Sandy Clay Loam										
	40-55	Silty Clay	CH	A-6	0	0-5	80-100	70-100	55-100	25-95	35-54	17-32
		Sandy Clay Loam	CL	A-7								
		Gravelly Sandy Clay Loam										
		Silty Clay Loam										
Worsham	---				---	---	---	---	---	---	---	---
Ad:												
Alluvial Land	0-25	Loam	SC	A-2	0	0-5	80-100	70-100	50-100	30-80	21-43	6-21
		Fine Sandy Loam	SC-SM	A-4								
		Gravelly Fine Sandy Loam										
		Clay Loam										
	25-55	Loam	CL	A-4	0	0-5	90-100	85-100	60-100	35-80	24-44	9-25
		Fine Sandy Loam	SC-SM	A-6								
		Clay Loam										
	55-72	Loam	CL	A-2	0	0-5	95-100	85-100	50-100	25-80	20-40	6-21
		Sandy Loam	SC	A-4								
		Clay Loam		A-6								
AfA:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AfA:												
Altavista	0-11	Sandy Loam	CL-ML	A-4	0	0	90-100	85-100	50-95	25-75	21-41	6-17
		Loam	SC-SM									
		Fine Sandy Loam										
	11-42	Loam	CL	A-6	0	0	90-100	85-100	70-100	30-95	27-44	12-25
		Silty Clay Loam	SC	A-7								
		Sandy Clay Loam	SC-SM									
		Clay Loam										
	42-52	Clay Loam	CH	A-1	0	0	85-100	80-100	40-100	4-95	15-54	1-32
		Clay	CL	A-4								
		Sand	SC	A-6								
			SC-SM	A-7								
AfB:												
Altavista	0-11	Sandy Loam	CL-ML	A-4	0	0	90-100	85-100	50-95	25-75	21-41	6-17
		Loam	SC-SM									
		Fine Sandy Loam										
	11-42	Silty Clay Loam	CL	A-6	0	0	90-100	85-100	70-100	30-95	27-44	12-25
		Clay Loam	SC	A-7								
		Sandy Clay Loam	SC-SM									
		Loam										
	42-52	Clay Loam	CH	A-1	0	0	85-100	80-100	40-100	4-95	15-54	1-32
		Clay	CL	A-4								
		Sand	SC	A-6								
			SC-SM	A-7								
AfC2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AfC2:												
Altavista	0-8	Fine Sandy Loam	CL-ML	A-4	0	0	90-100	85-100	50-95	25-75	21-41	6-17
		Loam	SC-SM									
		Sandy Loam										
	8-42	Loam	CL	A-6	0	0	90-100	85-100	70-100	30-95	27-44	12-25
		Silty Clay Loam	SC	A-7								
		Sandy Clay Loam	SC-SM									
		Clay Loam										
	42-52	Clay Loam	CH	A-1	0	0	85-100	80-100	40-100	4-95	15-54	1-32
		Sand	CL	A-4								
		Clay	SC	A-6								
			SC-SM	A-7								
AgB2:												
Appling	0-9	Gravelly Fine Sandy Loam	SC-SM	A-1-b	0	0-5	65-80	55-70	35-60	15-40	12-23	NP-6
			SM	A-2								
	9-56	Clay	CL	A-7	0	0-5	80-98	70-95	65-95	50-90	38-61	14-27
		Gravelly Clay Loam	MH									
		Clay Loam	ML									
	56-72	Sandy Clay Loam	CL	A-4	0	0-5	90-100	85-100	50-100	25-80	20-38	4-14
		Clay Loam	SC	A-6								
		Sandy Loam										
	72-76	Bedrock	---	---	---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---
AgD2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AgD2:												
Appling	0-9	Gravelly Fine Sandy Loam	SC-SM	A-1-b	0	0-5	65-80	55-70	35-60	15-40	12-23	NP-6
			SM	A-2								
	9-56	Gravelly Clay Loam	CL	A-7	0	0-5	80-98	70-95	65-95	50-90	38-61	14-27
		Clay	MH									
		Clay Loam	ML									
	56-72	Sandy Clay Loam	CL	A-4	0	0-5	90-100	85-100	50-100	25-80	20-38	4-14
		Clay Loam	SC	A-6								
		Sandy Loam										
	72-76	Bedrock	---	---	---	---	---	---	---	---	---	---
AgE2:												
Appling	0-9	Gravelly Fine Sandy Loam	SC-SM	A-1-b	0	0-5	65-80	55-70	35-60	15-40	12-23	NP-6
			SM	A-2								
	9-56	Gravelly Clay Loam	CL	A-7	0	0-5	80-98	70-95	65-95	50-90	38-61	14-27
		Clay Loam	MH									
		Clay	ML									
	56-72	Sandy Clay Loam	CL	A-4	0	0-5	90-100	85-100	50-100	25-80	20-38	4-14
		Clay Loam	SC	A-6								
		Sandy Loam										
	72-76	Bedrock	---	---	---	---	---	---	---	---	---	---
AlB2:												
Appling	0-9	Fine Sandy Loam	SC-SM	A-2	0	0-2	90-100	80-100	50-85	25-55	12-23	NP-6
			SM									
	9-56	Clay Loam	CL	A-7	0	0-2	90-100	80-100	70-100	55-95	38-61	14-27
		Clay	MH									
			ML									
	56-72	Sandy Loam	CL	A-4	0	0-2	90-100	80-100	50-100	25-80	20-38	4-14
		Sandy Clay Loam	SC	A-6								
		Clay Loam										
	72-76	Bedrock	---	---	---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AIB2:												
AIC:												
Appling	0-9	Fine Sandy Loam	SC-SM SM	A-2	0	0-2	90-100	80-100	50-85	25-55	12-23	NP-6
	9-56	Clay Clay Loam	CL MH ML	A-7	0	0-2	90-100	80-100	70-100	55-95	38-61	14-27
	56-72	Sandy Clay Loam Sandy Loam Clay Loam	CL SC	A-4 A-6	0	0-2	90-100	80-100	50-100	25-80	20-38	4-14
	72-76	Bedrock	---	---	---	---	---	---	---	---	---	---
AID2:												
Appling	0-9	Fine Sandy Loam	SC-SM SM	A-2	0	0-2	90-100	80-100	50-85	25-55	12-23	NP-6
	9-56	Clay Clay Loam	CL MH ML	A-7	0	0-2	90-100	80-100	70-100	55-95	38-61	14-27
	56-72	Sandy Loam Sandy Clay Loam Clay Loam	CL SC	A-4 A-6	0	0-2	90-100	80-100	50-100	25-80	20-38	4-14
	72-76	Bedrock	---	---	---	---	---	---	---	---	---	---
AIE2:												
Appling	0-9	Fine Sandy Loam	SC-SM SM	A-2	0	0-2	90-100	80-100	50-85	25-55	12-23	NP-6
	9-56	Clay Clay Loam	CL MH ML	A-7	0	0-2	90-100	80-100	70-100	55-95	38-61	14-27
	56-72	Sandy Loam Clay Loam Sandy Clay Loam	CL SC	A-4 A-6	0	0-2	90-100	80-100	50-100	25-80	20-38	4-14
	72-76	Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AlE2:												
AmB2:												
Appling	0-9	Fine Sandy Loam	SC-SM SM	A-2	0	0-2	90-100	80-100	50-85	25-55	12-23	NP-6
	9-56	Clay Clay Loam	CL MH ML	A-7	0	0-2	90-100	80-100	70-100	55-95	38-61	14-27
	56-72	Sandy Loam Sandy Clay Loam Clay Loam	CL SC	A-4 A-6	0	0-2	90-100	80-100	50-100	25-80	20-38	4-14
Worsham	---				---	---	---	---	---	---	---	---
AmD2:												
Appling	0-9	Fine Sandy Loam	SC-SM SM	A-2	0	0-2	90-100	80-100	50-85	25-55	12-23	NP-6
	9-56	Clay Clay Loam	CL MH ML	A-7	0	0-2	90-100	80-100	70-100	55-95	38-61	14-27
	56-72	Sandy Loam Sandy Clay Loam Clay Loam	CL SC	A-4 A-6	0	0-2	90-100	80-100	50-100	25-80	20-38	4-14
ApC3:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
ApC3:												
Appling	0-9	Sandy Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Clay Loam	SC	A-6								
	9-56	Clay	CL	A-7	0	0-2	90-100	80-100	70-100	55-95	38-61	14-27
		Clay Loam	MH									
			ML									
	56-72	Clay Loam	CL	A-4	0	0-2	90-100	80-100	50-100	25-80	20-38	4-14
		Sandy Loam	SC	A-6								
		Sandy Clay Loam										
	72-76	Bedrock	---	---	---	---	---	---	---	---	---	---
ApE3:												
Appling	0-9	Sandy Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Clay Loam	SC	A-6								
	9-56	Clay	CL	A-7	0	0-2	90-100	80-100	70-100	55-95	38-61	14-27
		Clay Loam	MH									
			ML									
	56-72	Sandy Clay Loam	CL	A-4	0	0-2	90-100	80-100	50-100	25-80	20-38	4-14
		Clay Loam	SC	A-6								
		Sandy Loam										
	72-76	Bedrock	---	---	---	---	---	---	---	---	---	---
AuA:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
AuA:												
Augusta	0-7	Gravelly Sandy Loam	ML	A-2	0	0	80-100	70-100	40-85	20-55	17-33	2-12
		Fine Sandy Loam	SC-SM	A-4								
			SM									
	7-17	Gravelly Sandy Clay Loam	CL	A-6	0	0	80-100	70-100	55-100	25-80	29-44	13-25
		Clay Loam	SC	A-7								
		Sandy Clay Loam										
	17-60	Gravelly Clay Loam	CH	A-6	0	0	80-100	70-100	65-100	50-95	37-57	21-36
		Clay Loam	CL	A-7								
		Clay										
	60-72	Very Gravelly Sand	GC	A-1	0	0	40-60	30-50	15-50	2-40	0-44	NP-25
		Very Gravelly Loam	SC	A-2								
		Very Gravelly Clay Loam		A-4								
Roanoke	---				---	---	---	---	---	---	---	---
AuB:												
Augusta	0-7	Gravelly Sandy Loam	ML	A-2	0	0	80-100	70-100	40-85	20-55	17-33	2-12
		Fine Sandy Loam	SC-SM	A-4								
			SM									
	7-17	Clay Loam	CL	A-6	0	0	80-100	70-100	55-100	25-80	29-44	13-25
		Sandy Clay Loam	SC	A-7								
		Gravelly Sandy Clay Loam										
	17-60	Clay	CH	A-6	0	0	80-100	70-100	65-100	50-95	37-57	21-36
		Clay Loam	CL	A-7								
		Gravelly Clay Loam										
	60-72	Very Gravelly Sand	GC	A-1	0	0	40-60	30-50	15-50	2-40	0-44	NP-25
		Very Gravelly Loam	SC	A-2								
		Very Gravelly Clay Loam		A-4								
Bn:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
Bn:												
Buncombe	0-9	Sand	SC-SM	A-2	0	0	98-100	98-100	50-85	5-45	0-26	NP-7
		Loamy Sand	SM	A-3								
		Loamy Fine Sand										
	9-36	Sand	SC-SM	A-2	0	0	98-100	98-100	50-85	5-45	0-25	NP-7
		Loamy Fine Sand	SM	A-3								
		Loamy Sand										
	36-72	Sand	SC-SM	A-1	0	0	65-100	55-100	30-95	3-75	0-31	NP-13
		Loam	SM	A-2								
		Loamy Sand		A-3								
		Gravelly Sand										
Bt:												
Buncombe	0-9	Loamy Sand	SC-SM	A-2	0	0	98-100	98-100	50-85	5-45	0-26	NP-7
		Sand	SM	A-3								
		Loamy Fine Sand										
	9-36	Sand	SC-SM	A-2	0	0	98-100	98-100	50-85	5-45	0-25	NP-7
		Loamy Fine Sand	SM	A-3								
		Loamy Sand										
	36-72	Sand	SC-SM	A-1	0	0	65-100	55-100	30-95	3-75	0-31	NP-13
		Loam	SM	A-2								
		Loamy Sand		A-3								
		Gravelly Sand										
Toccoa	0-8	Fine Sandy Loam	SC-SM	A-2	0	0	95-100	90-100	65-85	25-55	0-31	NP-10
		Loamy Fine Sand		A-4								
	8-52	Fine Sandy Loam	ML	A-2	0	0	90-100	85-100	50-95	25-75	0-32	NP-13
		Sandy Loam	SC-SM	A-4								
		Loam										
Frequently flooded	---				---	---	---	---	---	---	---	---
CcB2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CcB2:												
Cecil	0-8	Gravelly Fine Sandy Loam	SC-SM	A-2	0	0-5	65-80	55-70	40-60	20-40	12-25	NP-7
			SM	A-4								
	8-13	Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Sandy Clay Loam	SC	A-6								
	13-42	Clay Loam	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay	MH	A-7								
			ML									
	42-68	Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Clay Loam		A-6								
CcD2:												
Cecil	0-8	Gravelly Fine Sandy Loam	SC-SM	A-2	0	0-5	65-80	55-70	40-60	20-40	12-25	NP-7
			SM	A-4								
	8-13	Sandy Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Clay Loam	SC	A-6								
	13-42	Clay Loam	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay	MH	A-7								
			ML									
	42-68	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Loam		A-6								
CcE2:												
Cecil	0-8	Gravelly Fine Sandy Loam	SC-SM	A-2	0	0-5	65-80	55-70	40-60	20-40	12-25	NP-7
			SM	A-4								
	8-13	Sandy Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Clay Loam	SC	A-6								
	13-42	Clay Loam	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay	MH	A-7								
			ML									
	42-68	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Loam		A-6								
CeB2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CeB2:												
Cecil	0-8	Fine Sandy Loam	SC-SM	A-2	0	0-2	90-100	80-100	55-85	30-55	12-25	NP-7
			SM	A-4								
	8-13	Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Sandy Clay Loam	SC	A-6								
	13-42	Clay Loam	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay	MH	A-7								
			ML									
	42-68	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Loam		A-6								
CeD2:												
Cecil	0-8	Fine Sandy Loam	SC-SM	A-2	0	0-2	90-100	80-100	55-85	30-55	12-25	NP-7
			SM	A-4								
	8-13	Sandy Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Clay Loam	SC	A-6								
	13-42	Clay	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay Loam	MH	A-7								
			ML									
	42-68	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Loam		A-6								
CeE2:												
Cecil	0-8	Fine Sandy Loam	SC-SM	A-2	0	0-2	90-100	80-100	55-85	30-55	12-25	NP-7
			SM	A-4								
	8-13	Sandy Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Clay Loam	SC	A-6								
	13-42	Clay	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay Loam	MH	A-7								
			ML									
	42-68	Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Clay Loam		A-6								
CfB2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CfB2:												
Cecil	0-8	Fine Sandy Loam	SC-SM	A-2	0	0-2	90-100	80-100	55-85	30-55	12-25	NP-7
			SM	A-4								
	8-13	Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Sandy Clay Loam	SC	A-6								
	13-42	Clay Loam	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay	MH	A-7								
			ML									
	42-79	Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Clay Loam		A-6								
CfD2:												
Cecil	0-8	Fine Sandy Loam	SC-SM	A-2	0	0-2	90-100	80-100	55-85	30-55	12-25	NP-7
			SM	A-4								
	8-13	Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Sandy Clay Loam	SC	A-6								
	13-42	Clay Loam	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay	MH	A-7								
			ML									
	42-79	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Loam		A-6								
CfE2:												
Cecil	0-8	Fine Sandy Loam	SC-SM	A-2	0	0-2	90-100	80-100	55-85	30-55	12-25	NP-7
			SM	A-4								
	8-13	Clay Loam	CL	A-4	0	0-2	90-100	80-100	65-100	30-80	25-38	7-14
		Sandy Clay Loam	SC	A-6								
	13-42	Clay	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay Loam	MH	A-7								
			ML									
	42-79	Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Clay Loam		A-6								
ClB3:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
ClB3:												
Cecil	0-8	Sandy Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	35-80	25-38	7-14
		Clay Loam	SC-SM	A-6								
	8-42	Clay Loam	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay	MH	A-7								
			ML									
	42-68	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Loam		A-6								
ClD3:												
Cecil	0-8	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	35-80	25-38	7-14
		Sandy Clay Loam	SC-SM	A-6								
	8-42	Clay Loam	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay	MH	A-7								
			ML									
	42-68	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Loam		A-6								
ClE3:												
Cecil	0-8	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	35-80	25-38	7-14
		Sandy Clay Loam	SC-SM	A-6								
	8-42	Clay Loam	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay	MH	A-7								
			ML									
	42-68	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Loam		A-6								
CmB3:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CmB3:												
Cecil	0-8	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	35-80	25-38	7-14
		Sandy Clay Loam	SC-SM	A-6								
	8-42	Clay Loam	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay	MH	A-7								
			ML									
	42-79	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Loam		A-6								
CmD3:												
Cecil	0-8	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	35-80	25-38	7-14
		Sandy Clay Loam	SC-SM	A-6								
	8-42	Clay	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay Loam	MH	A-7								
			ML									
	42-79	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Loam		A-6								
Cn:												
Chewacla	0-8	Loam	CL	A-4	0	0	95-100	90-100	75-100	55-90	22-52	6-24
		Silt Loam	CL-ML	A-6								
				A-7								
	8-36	Clay Loam	CL	A-6	0	0	95-100	90-100	80-100	65-95	28-47	12-24
		Silty Clay Loam		A-7								
		Silt Loam										
	36-52	Sandy Loam	CL	A-4	0	0	95-100	90-100	55-95	25-75	26-47	9-24
		Loam	SC-SM	A-6								
		Sandy Clay Loam		A-7-6								
	52-72	Gravelly Sand	CL	A-1	0	0	60-100	50-100	25-100	2-90	0-37	NP-17
		Silt Loam	ML	A-2								
		Loamy Sand	SC-SM	A-4								
			SM	A-6								
Wehadkee	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
Cn:												
CoB:												
Colfax	0-7	Sandy Loam	SC	A-2	0	0-2	95-100	85-100	50-85	25-55	18-37	2-13
		Fine Sandy Loam	SC-SM	A-4								
			SM									
	7-32	Clay Loam	CL	A-2-6	0	0-2	90-100	80-100	65-100	30-80	24-45	9-25
		Sandy Clay Loam	SC	A-4								
		Loam		A-6								
	32-44	Loam	CL	A-2	0	0-2	95-100	85-100	50-95	25-75	20-40	6-21
		Sandy Clay Loam	SC	A-4								
		Sandy Loam		A-6								
	44-52	Sandy Loam	CL	A-2	0	0-5	65-100	55-100	35-95	15-75	20-39	6-21
		Gravelly Loam	SC	A-4								
		Sandy Clay Loam		A-6								
Worsham	---				---	---	---	---	---	---	---	---
Cr:												
Congaree	0-8	Silt Loam	CL	A-4	0	0	95-100	90-100	80-100	65-90	22-43	6-17
			CL-ML	A-6								
	8-48	Silt Loam	CL	A-6	0	0	95-100	90-100	65-100	35-95	29-49	12-24
		Silty Clay Loam	SC	A-7								
		Fine Sandy Loam										
	48-72	Fine Sandy Loam	CL	A-4	0	0	95-100	90-100	65-100	35-95	27-47	9-21
		Silt Loam	SC-SM	A-6								
		Loam										
Chewacla	---				---	---	---	---	---	---	---	---
CsB2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CsB2:												
Creedmoor	0-7	Fine Sandy Loam	SC-SM	A-2	0	0-2	90-100	80-100	50-85	25-55	19-35	3-13
		Sandy Loam	SM	A-4								
	7-22	Loam	CL	A-6	0	0-2	95-100	90-100	70-100	30-80	31-46	13-25
		Sandy Clay Loam		A-7								
		Clay Loam										
	22-38	Silty Clay	CH	A-7	0	0-2	95-100	90-100	80-100	65-95	45-69	25-44
		Clay										
		Clay Loam										
	38-52	Silty Clay Loam	CL	A-4	0	0-2	95-100	90-100	55-100	25-95	20-44	6-25
		Loam	CL-ML	A-6								
		Sandy Loam	SC	A-7								
CsC2:												
Creedmoor	0-7	Fine Sandy Loam	SC-SM	A-2	0	0-2	90-100	80-100	50-85	25-55	19-35	3-13
		Sandy Loam	SM	A-4								
	7-22	Clay Loam	CL	A-6	0	0-2	95-100	90-100	70-100	30-80	31-46	13-25
		Sandy Clay Loam		A-7								
		Loam										
	22-38	Clay Loam	CH	A-7	0	0-2	95-100	90-100	80-100	65-95	45-69	25-44
		Silty Clay										
		Clay										
	38-52	Sandy Loam	CL	A-4	0	0-2	95-100	90-100	55-100	25-95	20-44	6-25
		Silty Clay Loam	CL-ML	A-6								
		Loam	SC	A-7								
Worsham	---				---	---	---	---	---	---	---	---
CuB2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CuB2:												
Cullen	0-6	Loam	CL	A-4	0	0	90-100	80-100	55-100	30-90	20-30	4-10
		Fine Sandy Loam	CL-ML									
		Silt Loam										
	6-50	Clay Loam	MH	A-7	0	0	90-100	80-100	80-100	65-95	38-70	14-32
		Clay	ML									
		Silty Clay										
	50-55	Silty Clay Loam	CL	A-6	0	0	90-100	80-100	70-100	55-95	34-43	12-17
		Clay Loam		A-7								
	55-72	Very Gravelly Loam	CL	A-2	0	0	40-100	30-100	25-100	20-80	25-38	7-14
		Clay Loam	GC	A-4								
				A-6								
CuD2:												
Cullen	0-6	Fine Sandy Loam	CL	A-4	0	0	90-100	80-100	55-100	30-90	20-30	4-10
		Loam	CL-ML									
		Silt Loam										
	6-50	Clay Loam	MH	A-7	0	0	90-100	80-100	80-100	65-95	38-70	14-32
		Clay	ML									
		Silty Clay										
	50-55	Silty Clay Loam	CL	A-6	0	0	90-100	80-100	70-100	55-95	34-43	12-17
		Clay Loam		A-7								
	55-72	Very Gravelly Loam	CL	A-2	0	0	40-100	30-100	25-100	20-80	25-38	7-14
		Clay Loam	GC	A-4								
				A-6								
CuE2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CuE2:												
Cullen	0-6	Loam	CL	A-4	0	0	90-100	80-100	55-100	30-90	20-30	4-10
		Silt Loam	CL-ML									
		Fine Sandy Loam										
	6-50	Silty Clay	MH	A-7	0	0	90-100	80-100	80-100	65-95	38-70	14-32
		Clay Loam	ML									
		Clay										
	50-55	Clay Loam	CL	A-6	0	0	90-100	80-100	70-100	55-95	34-43	12-17
		Silty Clay Loam		A-7								
	55-72	Very Gravelly Loam	CL	A-2	0	0	40-100	30-100	25-100	20-80	25-38	7-14
		Clay Loam	GC	A-4								
				A-6								
CvB3:												
Cullen	0-7	Clay Loam	CL	A-6	0	0	90-100	80-100	70-100	55-90	32-41	11-16
	7-50	Clay Loam	MH	A-7	0	0	90-100	80-100	80-100	65-95	38-70	14-32
		Clay	ML									
		Silty Clay										
	50-55	Clay Loam	CL	A-6	0	0	90-100	80-100	70-100	55-95	34-43	12-17
		Silty Clay Loam		A-7								
	55-72	Clay Loam	CL	A-2	0	0	40-100	30-100	25-100	20-80	25-38	7-14
		Very Gravelly Loam	GC	A-4								
				A-6								
CvD3:												
Cullen	0-7	Clay Loam	CL	A-6	0	0	90-100	80-100	70-100	55-90	32-41	11-16
	7-50	Clay Loam	MH	A-7	0	0	90-100	80-100	80-100	65-95	38-70	14-32
		Clay	ML									
		Silty Clay										
	50-55	Clay Loam	CL	A-6	0	0	90-100	80-100	70-100	55-95	34-43	12-17
		Silty Clay Loam		A-7								
	55-72	Clay Loam	CL	A-2	0	0	40-100	30-100	25-100	20-80	25-38	7-14
		Very Gravelly Loam	GC	A-4								
				A-6								

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
CvD3:												
EnB2:												
Enon	0-8	Loam	SC	A-2-4	0	0-2	85-100	80-100	55-95	30-75	17-35	2-13
		Fine Sandy Loam	SC-SM	A-4								
			SM	A-6								
	8-30	Clay	CH	A-7-6	0	0-2	85-100	80-100	70-100	55-95	45-69	25-44
		Clay Loam	CL									
	30-42	Very Gravelly Clay Loam	GC	A-2	0	0-5	35-75	25-65	20-65	15-50	31-46	13-25
		Gravelly Clay Loam	SC									
		Extremely Gravelly Loam										
	42-46	Bedrock	---	---	---	---	---	---	---	---	---	---
EnC2:												
Enon	0-8	Fine Sandy Loam	SC	A-2-4	0	0-2	85-100	80-100	55-95	30-75	17-35	2-13
		Loam	SC-SM	A-4								
			SM	A-6								
	8-30	Clay Loam	CH	A-7-6	0	0-2	85-100	80-100	70-100	55-95	45-69	25-44
		Clay	CL									
	30-42	Extremely Gravelly Loam	GC	A-2	0	0-5	35-75	25-65	20-65	15-50	31-46	13-25
		Very Gravelly Clay Loam	SC									
		Gravelly Clay Loam										
	42-46	Bedrock	---	---	---	---	---	---	---	---	---	---
EoC3:												
Enon	0-7	Clay Loam	CL	A-6	0	0-2	85-100	80-100	70-100	55-80	37-48	19-27
				A-7								
	7-30	Clay Loam	CH	A-7-6	0	0-2	85-100	80-100	70-100	55-95	45-69	25-44
		Clay	CL									
	30-42	Very Gravelly Clay Loam	GC	A-2	0	0-5	35-75	25-65	20-65	15-50	31-46	13-25
		Extremely Gravelly Loam	SC									
		Gravelly Clay Loam										
	42-46	Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
EoC3:												
GeB2:												
Georgeville	0-8	Silt Loam	CL-ML	A-4	0	0-2	90-100	85-100	75-100	60-90	20-30	4-10
	8-12	Silty Clay Loam	CL	A-6	0	0-2	90-100	85-100	75-100	60-95	31-38	10-14
		Clay Loam										
	12-56	Clay	MH	A-7	0	0-2	95-100	90-100	80-100	70-95	38-66	14-30
		Silty Clay Loam	ML									
		Silty Clay										
	56-80	Gravelly Silty Clay Loam	CL	A-4	0	0-3	75-100	65-100	60-100	45-95	20-43	4-17
		Silt Loam	CL-ML	A-6								
GeD2:												
Georgeville	0-8	Silt Loam	CL-ML	A-4	0	0-2	90-100	85-100	75-100	60-90	20-30	4-10
	8-12	Silty Clay Loam	CL	A-6	0	0-2	90-100	85-100	75-100	60-95	31-38	10-14
		Clay Loam										
	12-56	Silty Clay Loam	MH	A-7	0	0-2	95-100	90-100	80-100	70-95	38-66	14-30
		Silty Clay	ML									
		Clay										
	56-80	Gravelly Silty Clay Loam	CL	A-4	0	0-3	75-100	65-100	60-100	45-95	20-43	4-17
		Silt Loam	CL-ML	A-6								
Worsham	---				---	---	---	---	---	---	---	---
GeE2:												
Georgeville	0-8	Silt Loam	CL-ML	A-4	0	0-2	90-100	85-100	75-100	60-90	20-30	4-10
	8-12	Clay Loam	CL	A-6	0	0-2	90-100	85-100	75-100	60-95	31-38	10-14
		Silty Clay Loam										
	12-56	Silty Clay Loam	MH	A-7	0	0-2	95-100	90-100	80-100	70-95	38-66	14-30
		Silty Clay	ML									
		Clay										
	56-80	Silt Loam	CL	A-4	0	0-3	75-100	65-100	60-100	45-95	20-43	4-17
		Gravelly Silty Clay Loam	CL-ML	A-6								

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
GeE2:												
GgB3:												
Georgeville	0-7	Silty Clay Loam	CL	A-6	0	0-2	90-100	85-100	80-100	70-95	31-38	10-14
	7-12	Silty Clay Loam	CL	A-6	0	0-2	90-100	85-100	75-100	60-95	31-38	10-14
		Clay Loam										
	12-56	Silty Clay Loam	MH	A-7	0	0-2	95-100	90-100	80-100	70-95	38-66	14-30
		Silty Clay	ML									
		Clay										
	56-80	Gravelly Silty Clay Loam	CL	A-4	0	0-3	75-100	65-100	60-100	45-95	20-43	4-17
		Silt Loam	CL-ML	A-6								
GgD3:												
Georgeville	0-7	Silty Clay Loam	CL	A-6	0	0-2	90-100	85-100	80-100	70-95	31-38	10-14
	7-12	Clay Loam	CL	A-6	0	0-2	90-100	85-100	75-100	60-95	31-38	10-14
		Silty Clay Loam										
	12-56	Silty Clay	MH	A-7	0	0-2	95-100	90-100	80-100	70-95	38-66	14-30
		Clay	ML									
		Silty Clay Loam										
	56-80	Silt Loam	CL	A-4	0	0-3	75-100	65-100	60-100	45-95	20-43	4-17
		Gravelly Silty Clay Loam	CL-ML	A-6								
Worsham	---				---	---	---	---	---	---	---	---
GoC:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
GoC:												
Goldston	0-7	Silt Loam Channery Silt Loam	CL	A-4	0-3	2-15	90-98	85-95	75-95	60-85	17-41	2-19
	7-15	Very Channery Silt Loam	CL GC SC	A-2-4 A-4	3-7	10-20	50-70	40-60	35-60	30-55	16-38	2-19
	15-23	Extremely Channery Silt Loam Very Channery Silt Loam	GC	A-1-b A-2-4 A-4	5-15	15-25	40-60	30-50	25-50	20-45	16-37	2-19
	23-27	Bedrock	---	---	---	---	---	---	---	---	---	---
GoD:												
Goldston	0-7	Channery Silt Loam Silt Loam	CL	A-4	0-3	2-15	90-98	85-95	75-95	60-85	17-41	2-19
	7-15	Very Channery Silt Loam	CL GC SC	A-2-4 A-4	3-7	10-20	50-70	40-60	35-60	30-55	16-38	2-19
	15-23	Very Channery Silt Loam Extremely Channery Silt Loam	GC	A-1-b A-2-4 A-4	5-15	15-25	40-60	30-50	25-50	20-45	16-37	2-19
	23-27	Bedrock	---	---	---	---	---	---	---	---	---	---
GoF:												
Goldston	0-7	Silt Loam Channery Silt Loam	CL	A-4	0-3	2-15	90-98	85-95	75-95	60-85	17-41	2-19
	7-15	Very Channery Silt Loam	CL GC SC	A-2-4 A-4	3-7	10-20	50-70	40-60	35-60	30-55	16-38	2-19
	15-23	Extremely Channery Silt Loam Very Channery Silt Loam	GC	A-1-b A-2-4 A-4	5-15	15-25	40-60	30-50	25-50	20-45	16-37	2-19
	23-27	Bedrock	---	---	---	---	---	---	---	---	---	---
GrB2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
GrB2:												
Grover	0-6	Gravelly Sandy Loam	SC	A-2-4	0	0-2	65-100	55-100	35-70	15-40	16-33	1-12
		Sandy Loam	SC-SM	A-4								
			SM									
	6-28	Clay Loam	CL	A-6	0	0-2	90-100	85-100	70-100	50-80	27-44	12-25
		Loam		A-7								
	28-52	Loam	CL	A-2-4	0	0-2	90-100	80-100	50-95	25-75	15-36	1-17
		Sandy Loam	SC	A-4								
		Sandy Clay Loam	SC-SM									
GrD2:												
Grover	0-6	Gravelly Sandy Loam	SC	A-2-4	0	0-2	65-100	55-100	35-70	15-40	16-33	1-12
		Sandy Loam	SC-SM	A-4								
			SM									
	6-28	Loam	CL	A-6	0	0-2	90-100	85-100	70-100	50-80	27-44	12-25
		Clay Loam		A-7								
	28-52	Sandy Clay Loam	CL	A-2-4	0	0-2	90-100	80-100	50-95	25-75	15-36	1-17
		Loam	SC	A-4								
		Sandy Loam	SC-SM									
GuE:												
Gullied land	---				---	---	---	---	---	---	---	---
Cecil	0-8	Clay Loam	CL	A-4	0	0-2	90-100	80-100	70-100	35-80	25-38	7-14
		Sandy Clay Loam	SC-SM	A-6								
	8-42	Clay	CH	A-6	0	0-2	95-100	90-100	80-100	65-95	38-61	14-27
		Clay Loam	MH	A-7								
			ML									
	42-68	Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-80	25-38	7-14
		Clay Loam		A-6								
HeB:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
HeB:												
Helena	0-13	Gravelly Fine Sandy Loam	GC GM SC-SM SM	A-2 A-4	0	0-2	65-95	55-90	40-75	20-50	17-33	2-12
	13-19	Sandy Clay Loam Clay Loam	CL SC	A-6 A-7	0	0-2	95-100	90-100	70-100	30-80	31-46	13-25
	19-37	Clay Sandy Clay	CH	A-7	0	0-2	95-100	90-100	75-100	40-95	45-69	25-44
	37-52	Clay Loam Loam	CL	A-6	0	0-2	95-100	90-100	75-100	55-80	26-46	10-25
HeC2:												
Helena	0-13	Gravelly Fine Sandy Loam	GC GM SC-SM SM	A-2 A-4	0	0-2	65-95	55-90	40-75	20-50	17-33	2-12
	13-19	Clay Loam Sandy Clay Loam	CL SC	A-6 A-7	0	0-2	95-100	90-100	70-100	30-80	31-46	13-25
	19-37	Sandy Clay Clay	CH	A-7	0	0-2	95-100	90-100	75-100	40-95	45-69	25-44
	37-52	Clay Loam Loam	CL	A-6	0	0-2	95-100	90-100	75-100	55-80	26-46	10-25
HfB2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
HfB2:												
Helena	0-13	Fine Sandy Loam	ML SC SC-SM SM	A-2 A-4	0	0-2	90-100	80-100	55-85	30-55	17-34	2-13
	13-19	Clay Loam Sandy Clay Loam	CL SC	A-6 A-7	0	0-2	95-100	90-100	70-100	30-80	31-46	13-25
	19-37	Clay Sandy Clay	CH	A-7	0	0-2	95-100	90-100	75-100	40-95	45-69	25-44
	37-52	Loam Clay Loam	CL	A-6	0	0-2	95-100	90-100	75-100	55-80	26-46	10-25
HfC2:												
Helena	0-13	Fine Sandy Loam	ML SC SC-SM SM	A-2 A-4	0	0-2	90-100	80-100	55-85	30-55	17-34	2-13
	13-19	Clay Loam Sandy Clay Loam	CL SC	A-6 A-7	0	0-2	95-100	90-100	70-100	30-80	31-46	13-25
	19-37	Clay Sandy Clay	CH	A-7	0	0-2	95-100	90-100	75-100	40-95	45-69	25-44
	37-52	Loam Clay Loam	CL	A-6	0	0-2	95-100	90-100	75-100	55-80	26-46	10-25
HnB2:												
Herndon	0-11	Silt Loam Loam	CL CL-ML ML	A-4	0	0-2	90-100	80-100	70-100	50-90	12-31	NP-10
	11-44	Clay Silty Clay Silty Clay Loam	CL MH ML	A-7	0	0-2	95-100	90-100	80-100	70-95	38-61	14-27
	44-72	Loam Fine Sandy Loam Silt Loam	CL-ML ML	A-4	0	0-2	90-100	85-100	60-100	35-90	16-31	2-10

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
HnB2:												
HnD2:												
Herndon	0-11	Silt Loam	CL	A-4	0	0-2	90-100	80-100	70-100	50-90	12-31	NP-10
		Loam	CL-ML									
			ML									
	11-44	Silty Clay Loam	CL	A-7	0	0-2	95-100	90-100	80-100	70-95	38-61	14-27
		Clay	MH									
		Silty Clay	ML									
	44-72	Silt Loam	CL-ML	A-4	0	0-2	90-100	85-100	60-100	35-90	16-31	2-10
		Fine Sandy Loam	ML									
		Loam										
HrB3:												
Herndon	0-7	Silty Clay Loam	CL	A-6	0	0-2	95-100	90-100	85-100	75-95	32-38	11-14
	7-38	Silty Clay	CL	A-7	0	0-2	95-100	90-100	80-100	70-95	38-61	14-27
		Silty Clay Loam	MH									
		Clay	ML									
	38-66	Loam	CL-ML	A-4	0	0-2	90-100	85-100	60-100	35-90	16-31	2-10
		Silt Loam	ML									
		Fine Sandy Loam										
Worsham	---				---	---	---	---	---	---	---	---
HrD3:												
Herndon	0-7	Silty Clay Loam	CL	A-6	0	0-2	95-100	90-100	85-100	75-95	32-38	11-14
	7-38	Clay	CL	A-7	0	0-2	95-100	90-100	80-100	70-95	38-61	14-27
		Silty Clay	MH									
		Silty Clay Loam	ML									
	38-66	Loam	CL-ML	A-4	0	0-2	90-100	85-100	60-100	35-90	16-31	2-10
		Fine Sandy Loam	ML									
		Silt Loam										

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
IrB:												
Iredell	0-9	Fine Sandy Loam	CL	A-4	0	0-1	90-100	85-100	60-95	35-75	26-39	9-17
		Loam		A-6								
	9-37	Clay	CH	A-7	0	0	95-100	90-100	80-100	70-95	51-79	29-46
	37-48	Clay Loam	CL	A-6	0	0-1	85-100	80-100	65-100	30-80	28-48	10-25
		Sandy Clay Loam	SC									
		Loam										
	48-52	Bedrock	---	---	---	---	---	---	---	---	---	---
IrB2:												
Iredell	0-9	Fine Sandy Loam	CL	A-4	0	0-1	90-100	85-100	60-95	35-75	26-39	9-17
		Loam		A-6								
	9-37	Clay	CH	A-7	0	0	95-100	90-100	80-100	70-95	51-79	29-46
	37-48	Clay Loam	CL	A-6	0	0-1	85-100	80-100	65-100	30-80	28-48	10-25
		Sandy Clay Loam	SC									
		Loam										
	48-52	Bedrock	---	---	---	---	---	---	---	---	---	---
IrC2:												
Iredell	0-9	Loam	CL	A-4	0	0-1	90-100	85-100	60-95	35-75	26-39	9-17
		Fine Sandy Loam		A-6								
	9-37	Clay	CH	A-7	0	0	95-100	90-100	80-100	70-95	51-79	29-46
	37-48	Sandy Clay Loam	CL	A-6	0	0-1	85-100	80-100	65-100	30-80	28-48	10-25
		Loam	SC									
		Clay Loam										
	48-52	Bedrock	---	---	---	---	---	---	---	---	---	---
LoD:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
LoD:												
Louisa	0-9	Fine Sandy Loam	CL	A-2	0	0	70-98	65-95	40-80	20-50	21-39	6-17
		Gravelly Sandy Loam	SC	A-4								
				A-6								
	9-14	Loam	SC	A-2	0	0-3	70-98	60-95	35-90	20-70	22-38	7-19
		Gravelly Sandy Loam		A-4								
		Gravelly Loam		A-6								
	14-19	Gravelly Loam	GC	A-2	0	0-5	65-95	55-90	35-85	15-70	20-35	6-17
		Loam	SC	A-4								
		Gravelly Sandy Loam										
	19-60	Bedrock	---	---	---	---	---	---	---	---	---	---
LoF:												
Louisa	0-9	Fine Sandy Loam	CL	A-2	0	0	70-98	65-95	40-80	20-50	21-39	6-17
		Gravelly Sandy Loam	SC	A-4								
				A-6								
	9-14	Gravelly Loam	SC	A-2	0	0-3	70-98	60-95	35-90	20-70	22-38	7-19
		Loam		A-4								
		Gravelly Sandy Loam		A-6								
	14-19	Gravelly Loam	GC	A-2	0	0-5	65-95	55-90	35-85	15-70	20-35	6-17
		Gravelly Sandy Loam	SC	A-4								
		Loam										
	19-60	Bedrock	---	---	---	---	---	---	---	---	---	---
LsE3:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
LsE3:												
Louisa	0-9	Fine Sandy Loam	CL	A-2	0	0	70-98	65-95	40-80	20-50	21-39	6-17
		Gravelly Sandy Loam	SC	A-4								
				A-6								
	9-14	Gravelly Sandy Loam	SC	A-2	0	0-3	70-98	60-95	35-90	20-70	22-38	7-19
		Gravelly Loam		A-4								
		Loam		A-6								
	14-19	Gravelly Loam	GC	A-2	0	0-5	65-95	55-90	35-85	15-70	20-35	6-17
		Gravelly Sandy Loam	SC	A-4								
		Loam										
	19-60	Bedrock	---	---	---	---	---	---	---	---	---	---
Louisburg	0-19	Gravelly Sandy Loam	SC-SM	A-2	0	0-5	75-98	65-95	40-80	20-50	17-31	2-10
		Fine Sandy Loam	SM									
		Sandy Loam										
	19-34	Sandy Clay Loam	SC-SM	A-2	0	0-5	65-98	55-95	35-85	15-55	18-35	3-17
		Gravelly Sandy Loam	SM	A-4								
		Sandy Loam										
	34-38	Bedrock	---	---	---	---	---	---	---	---	---	---
LuC:												
Louisburg	0-19	Sandy Loam	SC-SM	A-2	0	0-5	75-98	65-95	40-80	20-50	17-31	2-10
		Gravelly Sandy Loam	SM									
		Fine Sandy Loam										
	19-34	Gravelly Sandy Loam	SC-SM	A-2	0	0-5	65-98	55-95	35-85	15-55	18-35	3-17
		Sandy Clay Loam	SM	A-4								
		Sandy Loam										
	34-38	Bedrock	---	---	---	---	---	---	---	---	---	---
LuD:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
LuD:												
Louisburg	0-19	Gravelly Sandy Loam	SC-SM	A-2	0	0-5	75-98	65-95	40-80	20-50	17-31	2-10
		Sandy Loam	SM									
		Fine Sandy Loam										
	19-34	Gravelly Sandy Loam	SC-SM	A-2	0	0-5	65-98	55-95	35-85	15-55	18-35	3-17
		Sandy Clay Loam	SM	A-4								
		Sandy Loam										
	34-38	Bedrock	---	---	---	---	---	---	---	---	---	---
LuF:												
Louisburg	0-19	Sandy Loam	SC-SM	A-2	0	0-5	75-98	65-95	40-80	20-50	17-31	2-10
		Gravelly Sandy Loam	SM									
		Fine Sandy Loam										
	19-34	Gravelly Sandy Loam	SC-SM	A-2	0	0-5	65-98	55-95	35-85	15-55	18-35	3-17
		Sandy Loam	SM	A-4								
		Sandy Clay Loam										
	34-38	Bedrock	---	---	---	---	---	---	---	---	---	---
MaB2:												
Madison	0-8	Fine Sandy Loam	ML	A-2	0	0-2	85-98	80-95	55-80	30-50	12-25	NP-7
			SM	A-4								
	8-37	Sandy Clay Loam	CH	A-7	0	0-2	90-100	80-100	65-100	30-95	34-52	12-22
		Clay Loam	CL									
		Clay										
	37-52	Sandy Loam	CL	A-2	0	0-2	90-100	80-100	50-95	25-75	20-38	4-14
		Sandy Clay Loam	SC	A-4								
		Loam		A-6								
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
MaD2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MaD2:												
Madison	0-8	Fine Sandy Loam	ML	A-2	0	0-2	85-98	80-95	55-80	30-50	12-25	NP-7
			SM	A-4								
	8-37	Sandy Clay Loam	CH	A-7	0	0-2	90-100	80-100	65-100	30-95	34-52	12-22
		Clay Loam	CL									
		Clay										
	37-52	Sandy Clay Loam	CL	A-2	0	0-2	90-100	80-100	50-95	25-75	20-38	4-14
		Sandy Loam	SC	A-4								
		Loam		A-6								
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
McB3:												
Madison	0-7	Clay Loam	CL	A-6	0	0-2	90-100	80-100	70-100	55-80	32-38	11-14
	7-37	Sandy Clay Loam	CH	A-7	0	0-2	90-100	80-100	65-100	30-95	34-52	12-22
		Clay Loam	CL									
		Clay										
	37-52	Loam	CL	A-2	0	0-2	90-100	80-100	50-95	25-75	20-38	4-14
		Sandy Clay Loam	SC	A-4								
		Sandy Loam		A-6								
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
McD3:												
Madison	0-7	Clay Loam	CL	A-6	0	0-2	90-100	80-100	70-100	55-80	32-38	11-14
	7-37	Sandy Clay Loam	CH	A-7	0	0-2	90-100	80-100	65-100	30-95	34-52	12-22
		Clay Loam	CL									
		Clay										
	37-52	Sandy Loam	CL	A-2	0	0-2	90-100	80-100	50-95	25-75	20-38	4-14
		Sandy Clay Loam	SC	A-4								
		Loam		A-6								
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
MdE2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MdE2:												
Madison	0-8	Fine Sandy Loam	ML	A-2	0	0-2	85-98	80-95	55-80	30-50	12-25	NP-7
			SM	A-4								
	8-37	Sandy Clay Loam	CH	A-7	0	0-2	90-100	80-100	65-100	30-95	34-52	12-22
		Clay Loam	CL									
		Clay										
	37-52	Sandy Loam	CL	A-2	0	0-2	90-100	80-100	50-95	25-75	20-38	4-14
		Sandy Clay Loam	SC	A-4								
		Loam		A-6								
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
Grover	0-6	Fine Sandy Loam	SC	A-2-4	0	0-2	65-100	55-100	40-85	20-55	16-33	1-12
		Gravelly Fine Sandy Loam	SC-SM	A-4								
			SM									
	6-28	Loam	CL	A-6	0	0-2	90-100	85-100	70-100	50-80	27-44	12-25
		Clay Loam		A-7								
	28-52	Loam	CL	A-2-4	0	0-2	90-100	80-100	50-95	25-75	15-36	1-17
		Sandy Loam	SC	A-4								
		Sandy Clay Loam	SC-SM									
MeB2:												
Masada	0-10	Sandy Loam	CL	A-2	0	0-2	65-100	55-100	35-85	15-55	22-35	6-12
		Fine Sandy Loam	SC	A-4								
		Gravelly Sandy Loam										
	10-55	Clay	CH	A-7	0	0-2	85-100	80-100	80-100	65-95	43-63	25-40
		Clay Loam	CL									
	55-72	Sandy Clay Loam	CL	A-6	0	0-2	85-100	80-100	65-100	30-80	35-48	17-27
		Clay Loam	SC	A-7								
		Loam										
MeD2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MeD2:												
Masada	0-10	Fine Sandy Loam	CL	A-2	0	0-2	65-100	55-100	35-85	15-55	22-35	6-12
		Gravelly Sandy Loam	SC	A-4								
		Sandy Loam										
	10-55	Clay	CH	A-7	0	0-2	85-100	80-100	80-100	65-95	43-63	25-40
		Clay Loam	CL									
	55-72	Sandy Clay Loam	CL	A-6	0	0-2	85-100	80-100	65-100	30-80	35-48	17-27
		Clay Loam	SC	A-7								
		Loam										
MeE:												
Masada	0-10	Sandy Loam	CL	A-2	0	0-2	65-100	55-100	35-85	15-55	22-35	6-12
		Fine Sandy Loam	SC	A-4								
		Gravelly Sandy Loam										
	10-55	Clay Loam	CH	A-7	0	0-2	85-100	80-100	80-100	65-95	43-63	25-40
		Clay	CL									
	55-72	Sandy Clay Loam	CL	A-6	0	0-2	85-100	80-100	65-100	30-80	35-48	17-27
		Clay Loam	SC	A-7								
		Loam										
MfB2:												
Mayodan	0-11	Fine Sandy Loam	CL	A-2	0	0-2	80-100	70-100	40-85	20-55	17-35	2-13
		Sandy Loam	SC-SM	A-4								
		Gravelly Sandy Loam										
	11-44	Clay Loam	CH	A-7	0	0-2	90-100	80-100	70-100	55-95	43-56	25-33
		Clay	CL									
	44-52	Sandy Loam	CL	A-6	0	0-2	85-100	80-100	50-95	25-75	20-35	6-17
		Loam	SC									
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
MfD2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MfD2:												
Mayodan	0-11	Gravelly Sandy Loam	CL	A-2	0	0-2	80-100	70-100	40-85	20-55	17-35	2-13
		Fine Sandy Loam	SC-SM	A-4								
		Sandy Loam										
	11-44	Clay	CH	A-7	0	0-2	90-100	80-100	70-100	55-95	43-56	25-33
		Clay Loam	CL									
	44-52	Loam	CL	A-6	0	0-2	85-100	80-100	50-95	25-75	20-35	6-17
		Sandy Loam	SC									
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
MkB2:												
Mecklenburg	0-8	Clay Loam	CL	A-2	0	0-2	90-100	80-100	50-100	25-80	20-43	4-21
		Loam	CL-ML	A-4								
		Sandy Loam	SC	A-6								
	8-28	Clay	CH	A-7	0	0-2	90-100	80-100	70-100	55-95	43-67	25-44
		Clay Loam										
	28-52	Loam	CL	A-6	0	0-2	90-100	80-100	65-100	30-80	29-44	13-25
		Sandy Clay Loam	SC-SM	A-7								
		Clay Loam										
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
MkC2:												
Mecklenburg	0-8	Clay Loam	CL	A-2	0	0-2	90-100	80-100	50-100	25-80	20-43	4-21
		Loam	CL-ML	A-4								
		Sandy Loam	SC	A-6								
	8-28	Clay	CH	A-7	0	0-2	90-100	80-100	70-100	55-95	43-67	25-44
		Clay Loam										
	28-52	Clay Loam	CL	A-6	0	0-2	90-100	80-100	65-100	30-80	29-44	13-25
		Sandy Clay Loam	SC-SM	A-7								
		Loam										
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
MlB:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MIB:												
Mecklenburg variant	0-8	Loam	CL	A-4	0	0-2	80-100	70-100	60-95	40-75	20-39	4-17
		Gravelly Loam	CL-ML	A-6								
		Fine Sandy Loam	SC									
	8-25	Gravelly Loam	CL	A-6	0	0-2	80-100	70-100	60-100	40-80	31-46	13-25
		Clay Loam		A-7								
		Loam										
	25-36	Clay Loam	CL	A-6	0	0-2	65-100	55-100	45-100	35-80	29-44	13-25
		Loam	SC-SM	A-7								
		Gravelly Loam										
	36-52	Bedrock	---	---	---	---	---	---	---	---	---	---
MIC:												
Mecklenburg variant	0-8	Gravelly Loam	CL	A-4	0	0-2	80-100	70-100	60-95	40-75	20-39	4-17
		Loam	CL-ML	A-6								
		Fine Sandy Loam	SC									
	8-25	Clay Loam	CL	A-6	0	0-2	80-100	70-100	60-100	40-80	31-46	13-25
		Loam		A-7								
		Gravelly Loam										
	25-36	Loam	CL	A-6	0	0-2	65-100	55-100	45-100	35-80	29-44	13-25
		Gravelly Loam	SC-SM	A-7								
		Clay Loam										
	36-52	Bedrock	---	---	---	---	---	---	---	---	---	---
MIE:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
MIE:												
Mecklenburg variant	0-8	Fine Sandy Loam	CL	A-4	0	0-2	80-100	70-100	60-95	40-75	20-39	4-17
		Loam	CL-ML	A-6								
		Gravelly Loam	SC									
	8-25	Gravelly Loam	CL	A-6	0	0-2	80-100	70-100	60-100	40-80	31-46	13-25
		Clay Loam		A-7								
		Loam										
	25-36	Loam	CL	A-6	0	0-2	65-100	55-100	45-100	35-80	29-44	13-25
		Gravelly Loam	SC-SM	A-7								
		Clay Loam										
	36-52	Bedrock	---	---	---	---	---	---	---	---	---	---
MIE3:												
Mecklenburg variant	0-8	Gravelly Loam	CL	A-4	0	0-2	80-100	70-100	60-95	40-75	20-39	4-17
		Loam	CL-ML	A-6								
		Fine Sandy Loam	SC									
	8-25	Gravelly Loam	CL	A-6	0	0-2	80-100	70-100	60-100	40-80	31-46	13-25
		Loam		A-7								
		Clay Loam										
	25-36	Gravelly Loam	CL	A-6	0	0-2	65-100	55-100	45-100	35-80	29-44	13-25
		Clay Loam	SC-SM	A-7								
		Loam										
	36-52	Bedrock	---	---	---	---	---	---	---	---	---	---
OrB:												
Orange	0-14	Silt Loam	CL	A-4	0	0	90-100	80-100	70-100	55-90	26-43	6-23
			CL-ML	A-6								
			SC-SM									
	14-37	Silty Clay	CH	A-7-6	0	0	95-100	90-100	80-100	70-95	66-76	41-49
		Clay										
	37-48	Silt Loam	CL	A-6	0	0	90-100	80-100	70-100	50-90	31-41	13-21
		Loam		A-7								
	48-60	Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
OrB:												
Worsham	---				---	---	---	---	---	---	---	---
OrB2:												
Orange	0-14	Silt Loam	CL CL-ML SC-SM	A-4 A-6	0	0	90-100	80-100	70-100	55-90	26-43	6-23
	14-37	Silty Clay Clay	CH	A-7-6	0	0	95-100	90-100	80-100	70-95	66-76	41-49
	37-48	Loam Silt Loam	CL	A-6 A-7	0	0	90-100	80-100	70-100	50-90	31-41	13-21
	48-60	Bedrock	---	---	---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---
OrC2:												
Orange	0-14	Silt Loam	CL CL-ML SC-SM	A-4 A-6	0	0	90-100	80-100	70-100	55-90	26-43	6-23
	14-37	Clay Silty Clay	CH	A-7-6	0	0	95-100	90-100	80-100	70-95	66-76	41-49
	37-48	Silt Loam Loam	CL	A-6 A-7	0	0	90-100	80-100	70-100	50-90	31-41	13-21
	48-60	Bedrock	---	---	---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---
PaB2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PaB2:												
Pacolet	0-7	Sandy Loam	SC-SM	A-2	0	0-2	85-100	80-100	50-85	25-55	14-25	1-7
		Fine Sandy Loam	SM	A-4								
	7-27	Clay Loam	CL	A-6	0	0-2	85-100	80-100	65-100	30-95	38-61	14-27
		Clay	MH	A-7								
		Sandy Clay Loam	ML									
	27-58	Sandy Clay Loam	CL	A-2	0	0-2	85-100	80-100	50-100	25-80	20-38	4-14
		Sandy Loam	CL-ML	A-4								
		Clay Loam	SC	A-6								
			SC-SM									
	58-62	Bedrock	---	---	---	---	---	---	---	---	---	---
PaD2:												
Pacolet	0-7	Sandy Loam	SC-SM	A-2	0	0-2	85-100	80-100	50-85	25-55	14-25	1-7
		Fine Sandy Loam	SM	A-4								
	7-27	Clay	CL	A-6	0	0-2	85-100	80-100	65-100	30-95	38-61	14-27
		Clay Loam	MH	A-7								
		Sandy Clay Loam	ML									
	27-58	Clay Loam	CL	A-2	0	0-2	85-100	80-100	50-100	25-80	20-38	4-14
		Sandy Loam	CL-ML	A-4								
		Sandy Clay Loam	SC	A-6								
			SC-SM									
	58-62	Bedrock	---	---	---	---	---	---	---	---	---	---
PaE2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PaE2:												
Pacolet	0-7	Fine Sandy Loam	SC-SM	A-2	0	0-2	85-100	80-100	50-85	25-55	14-25	1-7
		Sandy Loam	SM	A-4								
	7-27	Clay Loam	CL	A-6	0	0-2	85-100	80-100	65-100	30-95	38-61	14-27
		Clay	MH	A-7								
		Sandy Clay Loam	ML									
	27-58	Sandy Loam	CL	A-2	0	0-2	85-100	80-100	50-100	25-80	20-38	4-14
		Clay Loam	CL-ML	A-4								
		Sandy Clay Loam	SC	A-6								
			SC-SM									
	58-62	Bedrock	---	---	---	---	---	---	---	---	---	---
PcC3:												
Pacolet	0-7	Clay Loam	CL	A-6	0	0-2	90-100	85-100	75-100	60-80	32-38	11-14
			SC-SM									
	7-21	Sandy Clay Loam	CL	A-6	0	0-2	85-100	80-100	65-100	30-95	38-61	14-27
		Clay	MH	A-7								
		Clay Loam	ML									
	21-52	Sandy Loam	CL	A-2	0	0-2	85-100	80-100	50-100	25-80	20-38	4-14
		Sandy Clay Loam	CL-ML	A-4								
		Clay Loam	SC	A-6								
			SC-SM									
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
PcD3:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PcD3:												
Pacolet	0-7	Clay Loam	CL	A-6	0	0-2	90-100	85-100	75-100	60-80	32-38	11-14
			SC-SM									
	7-21	Sandy Clay Loam	CL	A-6	0	0-2	85-100	80-100	65-100	30-95	38-61	14-27
		Clay Loam	MH	A-7								
		Clay	ML									
	21-52	Sandy Loam	CL	A-2	0	0-2	85-100	80-100	50-100	25-80	20-38	4-14
		Sandy Clay Loam	CL-ML	A-4								
		Clay Loam	SC	A-6								
			SC-SM									
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
PkC:												
Pinkston	0-8	Very Fine Sandy Loam	CL	A-2	0	0-2	90-100	80-100	55-95	30-75	17-35	2-13
		Fine Sandy Loam	ML	A-4								
		Loam	SC-SM									
			SM									
	8-19	Gravelly Fine Sandy Loam	CL	A-2	0	0-5	65-100	55-100	40-100	20-80	28-48	12-27
		Clay Loam	SC	A-6								
		Loam										
	19-26	Gravelly Sandy Loam	CL	A-2	0	0-5	65-100	55-100	35-100	15-90	20-32	6-13
		Loam	SC	A-4								
		Silt Loam		A-6								
	26-30	Bedrock	---	---	---	---	---	---	---	---	---	---
PkE:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
PkE:												
Pinkston	0-8	Loam	CL	A-2	0	0-2	90-100	80-100	55-95	30-75	17-35	2-13
		Very Fine Sandy Loam	ML	A-4								
		Fine Sandy Loam	SC-SM									
			SM									
	8-19	Gravelly Fine Sandy Loam	CL	A-2	0	0-5	65-100	55-100	40-100	20-80	28-48	12-27
		Loam	SC	A-6								
		Clay Loam										
	19-26	Gravelly Sandy Loam	CL	A-2	0	0-5	65-100	55-100	35-100	15-90	20-32	6-13
		Loam	SC	A-4								
		Silt Loam		A-6								
	26-30	Bedrock	---	---	---	---	---	---	---	---	---	---
Ro:												
Roanoke	0-6	Loam	CL	A-4	0	0	95-100	85-100	70-100	50-90	21-39	6-17
		Silt Loam	CL-ML	A-6								
			SC-SM									
	6-16	Silty Clay Loam	CL	A-6	0	0	95-100	85-100	75-100	60-95	37-50	19-27
		Clay Loam		A-7								
	16-59	Silty Clay Loam	CH	A-7	0	0	90-100	85-100	75-100	60-95	43-67	25-44
		Clay Loam	CL									
		Clay										
	59-66	Gravelly Sand	CL	A-1	0	0	60-100	50-100	25-100	2-90	0-37	NP-18
		Loam	CL-ML	A-2								
		Silt Loam	GC-GM	A-4								
			SM	A-6								
SrB:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
SrB:												
Starr	0-13	Silt Loam	CL	A-4	0	0	90-100	85-100	60-100	35-90	21-39	6-17
		Loam	CL-ML	A-6								
		Fine Sandy Loam										
	13-43	Clay Loam	CL	A-6	0	0	95-100	90-100	70-100	30-95	29-46	12-25
		Silty Clay Loam		A-7								
		Sandy Clay Loam										
	43-60	Very Gravelly Silt Loam	GC	A-2	0	0-3	45-85	35-75	30-75	25-70	20-37	6-19
		Gravelly Silt Loam	SC	A-4								
			SC-SM	A-6								
StB:												
State	0-15	Fine Sandy Loam	CL	A-4	0	0	95-100	90-100	65-100	35-90	21-33	6-12
		Loam	SC	A-6								
		Silt Loam										
	15-45	Sandy Clay Loam	CL	A-6	0	0	95-100	90-100	70-100	30-80	27-43	12-24
		Loam	SC									
		Clay Loam										
	45-50	Loam	SC-SM	A-1	0	0	90-100	80-100	40-95	4-75	0-27	NP-10
		Fine Sandy Loam	SM	A-2								
		Sand	SP-SM	A-3								
				A-4								
Wet spots	---				---	---	---	---	---	---	---	---
To:												
Toccoa	0-8	Fine Sandy Loam	SC-SM	A-2	0	0	95-100	90-100	65-85	25-55	0-31	NP-10
		Loamy Fine Sand		A-4								
	8-52	Loam	ML	A-2	0	0	90-100	85-100	50-95	25-75	0-32	NP-13
		Fine Sandy Loam	SC-SM	A-4								
		Sandy Loam										
TuB2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
TuB2:												
Turbeville	0-15	Gravelly Sandy Loam	CL-ML	A-2	0	0-2	70-100	60-100	35-85	20-55	12-23	NP-6
		Sandy Loam	ML	A-4								
		Fine Sandy Loam	SC-SM									
			SM									
	15-20	Clay Loam	CL	A-6	0	0-2	80-100	70-100	55-100	25-80	30-41	10-16
		Sandy Clay Loam	SC	A-7								
		Gravelly Sandy Clay Loam										
	20-84	Gravelly Clay Loam	MH	A-7	0	0-5	80-100	70-100	65-100	50-95	38-61	14-27
		Clay	ML									
		Clay Loam										
TuD2:												
Turbeville	0-15	Sandy Loam	CL-ML	A-2	0	0-2	70-100	60-100	35-85	20-55	12-23	NP-6
		Fine Sandy Loam	ML	A-4								
		Gravelly Sandy Loam	SC-SM									
			SM									
	15-20	Clay Loam	CL	A-6	0	0-2	80-100	70-100	55-100	25-80	30-41	10-16
		Sandy Clay Loam	SC	A-7								
		Gravelly Sandy Clay Loam										
	20-84	Clay	MH	A-7	0	0-5	80-100	70-100	65-100	50-95	38-61	14-27
		Clay Loam	ML									
		Gravelly Clay Loam										
TuF2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
TuF2:												
Turbeville	0-15	Fine Sandy Loam	CL-ML	A-2	0	0-2	70-100	60-100	35-85	20-55	12-23	NP-6
		Gravelly Sandy Loam	ML	A-4								
		Sandy Loam	SC-SM									
			SM									
	15-20	Sandy Clay Loam	CL	A-6	0	0-2	80-100	70-100	55-100	25-80	30-41	10-16
		Clay Loam	SC	A-7								
		Gravelly Sandy Clay Loam										
	20-84	Clay Loam	MH	A-7	0	0-5	80-100	70-100	65-100	50-95	38-61	14-27
		Gravelly Clay Loam	ML									
		Clay										
TvB3:												
Turbeville	0-15	Clay Loam	CL	A-6	0	0-2	90-100	80-100	70-100	55-80	34-43	12-17
				A-7								
	15-20	Clay Loam	CL	A-6	0	0-2	80-100	70-100	55-100	25-80	30-41	10-16
		Sandy Clay Loam	SC	A-7								
		Gravelly Sandy Clay Loam										
	20-84	Clay Loam	MH	A-7	0	0-5	80-100	70-100	65-100	50-95	38-61	14-27
		Gravelly Clay Loam	ML									
		Clay										
TvD3:												
Turbeville	0-15	Clay Loam	CL	A-6	0	0-2	90-100	80-100	70-100	55-80	34-43	12-17
				A-7								
	15-20	Clay Loam	CL	A-6	0	0-2	80-100	70-100	55-100	25-80	30-41	10-16
		Sandy Clay Loam	SC	A-7								
		Gravelly Sandy Clay Loam										
	20-84	Clay Loam	MH	A-7	0	0-5	80-100	70-100	65-100	50-95	38-61	14-27
		Gravelly Clay Loam	ML									
		Clay										
VaB2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
VaB2:												
Vance	0-7	Gravelly Fine Sandy Loam	SC	A-2	0	0-2	60-85	50-75	35-65	20-40	20-35	4-13
			SC-SM	A-4								
	7-33	Clay Loam	CH	A-7	0	0-2	90-100	85-100	70-100	40-95	43-67	25-44
		Sandy Clay										
		Clay										
	33-52	Clay Loam	CL	A-4	0	0-2	85-100	80-100	50-100	25-80	20-46	6-25
		Sandy Loam	SC	A-6								
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---
VaD2:												
Vance	0-7	Gravelly Fine Sandy Loam	SC	A-2	0	0-2	60-85	50-75	35-65	20-40	20-35	4-13
			SC-SM	A-4								
	7-33	Clay Loam	CH	A-7	0	0-2	90-100	85-100	70-100	40-95	43-67	25-44
		Clay										
		Sandy Clay										
	33-52	Clay Loam	CL	A-4	0	0-2	85-100	80-100	50-100	25-80	20-46	6-25
		Sandy Loam	SC	A-6								
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
VcB2:												
Vance	0-7	Fine Sandy Loam	SC	A-2	0	0-2	90-100	80-100	55-85	30-55	20-35	4-13
			SC-SM	A-4								
	7-33	Clay	CH	A-7	0	0-2	90-100	85-100	70-100	40-95	43-67	25-44
		Clay Loam										
		Sandy Clay										
	33-52	Clay Loam	CL	A-4	0	0-2	85-100	80-100	50-100	25-80	20-46	6-25
		Sandy Loam	SC	A-6								
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
Worsham	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
VcB2:												
VcC2:												
Vance	0-7	Fine Sandy Loam	SC	A-2	0	0-2	90-100	80-100	55-85	30-55	20-35	4-13
			SC-SM	A-4								
	7-33	Clay	CH	A-7	0	0-2	90-100	85-100	70-100	40-95	43-67	25-44
		Sandy Clay										
		Clay Loam										
	33-52	Clay Loam	CL	A-4	0	0-2	85-100	80-100	50-100	25-80	20-46	6-25
		Sandy Loam	SC	A-6								
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
VcD2:												
Vance	0-7	Fine Sandy Loam	SC	A-2	0	0-2	90-100	80-100	55-85	30-55	20-35	4-13
			SC-SM	A-4								
	7-33	Sandy Clay	CH	A-7	0	0-2	90-100	85-100	70-100	40-95	43-67	25-44
		Clay Loam										
		Clay										
	33-52	Clay Loam	CL	A-4	0	0-2	85-100	80-100	50-100	25-80	20-46	6-25
		Sandy Loam	SC	A-6								
	52-56	Bedrock	---	---	---	---	---	---	---	---	---	---
WdB2:												
Wedowee	0-7	Clay Loam	SC-SM	A-2-4	0	0	90-100	80-100	50-100	25-80	12-34	NP-12
		Sandy Loam	SM	A-4								
		Fine Sandy Loam										
	7-28	Clay Loam	CL	A-6	0	0	95-100	90-100	80-100	65-95	38-52	14-22
		Clay	MH	A-7								
			ML									
	28-48	Sandy Loam	CL	A-2	0	0	85-100	80-100	50-100	25-80	20-38	4-14
		Clay Loam	CL-ML	A-4								
		Sandy Clay Loam	SC	A-6								
			SC-SM									
	48-52	Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WdB2:												
WdD2:												
Wedowee	0-7	Fine Sandy Loam	SC-SM	A-2-4	0	0	90-100	80-100	50-100	25-80	12-34	NP-12
		Clay Loam	SM	A-4								
		Sandy Loam										
	7-28	Clay Loam	CL	A-6	0	0	95-100	90-100	80-100	65-95	38-52	14-22
		Clay	MH	A-7								
			ML									
	28-48	Sandy Clay Loam	CL	A-2	0	0	85-100	80-100	50-100	25-80	20-38	4-14
		Clay Loam	CL-ML	A-4								
		Sandy Loam	SC	A-6								
			SC-SM									
	48-52	Bedrock	---	---	---	---	---	---	---	---	---	---
We:												
Wehadkee	0-16	Fine Sandy Loam	SC	A-4	0	0	100	95-100	65-85	40-55	20-41	2-13
			SC-SM									
			SM									
	16-24	Silt Loam	CL	A-4	0	0	100	98-100	70-100	40-90	21-49	3-20
		Loam	ML	A-6								
		Fine Sandy Loam										
	24-70	Silt Loam	CL	A-6	0	0	100	99-100	85-100	50-95	28-48	12-24
		Silty Clay Loam		A-7								
		Very Fine Sandy Loam										
	70-76	Silty Clay Loam	CL	A-1	0	0	60-100	50-100	25-100	2-95	0-54	NP-32
		Gravelly Sand	CL-ML	A-4								
		Clay	ML	A-6								
			SC	A-7								
Wh:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
Wh:												
Wehadkee	0-8	Silt Loam	CL	A-4	0	0	100	98-100	70-100	40-90	21-49	3-20
		Fine Sandy Loam	ML	A-6								
		Loam										
	8-54	Very Fine Sandy Loam	CL	A-6	0	0	100	99-100	85-100	50-95	28-48	12-24
		Silty Clay Loam		A-7								
		Silt Loam										
	54-60	Gravelly Sand	CL	A-1	0	0	60-100	50-100	25-100	2-95	0-54	NP-32
		Clay	CL-ML	A-4								
		Silty Clay Loam	ML	A-6								
			SC	A-7								
Roanoke	---				---	---	---	---	---	---	---	---
Wet spots	---				---	---	---	---	---	---	---	---
Wk:												
Wehadkee	0-8	Fine Sandy Loam	CL	A-4	0	0	100	98-100	70-100	40-90	21-49	3-20
		Silt Loam	ML	A-6								
		Loam										
	8-54	Silty Clay Loam	CL	A-6	0	0	100	99-100	85-100	50-95	28-48	12-24
		Very Fine Sandy Loam		A-7								
		Silt Loam										
	54-60	Gravelly Sand	CL	A-1	0	0	60-100	50-100	25-100	2-95	0-54	NP-32
		Clay	CL-ML	A-4								
		Silty Clay Loam	ML	A-6								
			SC	A-7								

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
Wk:												
Chewacla	0-8	Loam	CL	A-4	0	0	95-100	90-100	75-100	55-90	22-52	6-24
		Silt Loam	CL-ML	A-6								
				A-7								
	8-36	Silty Clay Loam	CL	A-6	0	0	95-100	90-100	80-100	65-95	28-47	12-24
		Silt Loam		A-7								
		Clay Loam										
	36-52	Sandy Clay Loam	CL	A-4	0	0	95-100	90-100	55-95	25-75	26-47	9-24
		Sandy Loam	SC-SM	A-6								
		Loam		A-7-6								
	52-72	Loamy Sand	CL	A-1	0	0	60-100	50-100	25-100	2-90	0-37	NP-17
		Gravelly Sand	ML	A-2								
		Silt Loam	SC-SM	A-4								
			SM	A-6								
WIB:												
Wickham	0-13	Loam	CL-ML	A-4	0	0	90-100	80-100	55-100	30-90	20-31	4-10
		Fine Sandy Loam	SC-SM									
		Silt Loam										
	13-42	Fine Sandy Loam	CL	A-2	0	0	90-100	80-100	55-100	30-95	27-44	12-25
		Silty Clay Loam	SC	A-6								
		Clay Loam		A-7-6								
		Sandy Clay Loam										
	42-62	Gravelly Sand	CL	A-1	0	0	60-100	50-100	25-100	2-95	0-52	NP-32
		Gravelly Sandy Loam	CL-ML	A-2								
		Clay	SC	A-4								
		Silty Clay Loam	SC-SM	A-6								
				A-7-6								
WIC2:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WIC2:												
Wickham	0-13	Fine Sandy Loam	CL-ML	A-4	0	0	90-100	80-100	55-100	30-90	20-31	4-10
		Silt Loam	SC-SM									
		Loam										
	13-42	Sandy Clay Loam	CL	A-2	0	0	90-100	80-100	55-100	30-95	27-44	12-25
		Silty Clay Loam	SC	A-6								
		Fine Sandy Loam		A-7-6								
		Clay Loam										
	42-62	Gravelly Sandy Loam	CL	A-1	0	0	60-100	50-100	25-100	2-95	0-52	NP-32
		Clay	CL-ML	A-2								
		Silty Clay Loam	SC	A-4								
		Gravelly Sand	SC-SM	A-6								
				A-7-6								
WmB:												
Wilkes	0-7	Fine Sandy Loam	CL	A-2	0	0-2	80-100	70-100	40-95	20-75	17-35	2-13
		Gravelly Sandy Loam	SC-SM	A-4								
		Loam										
	7-15	Clay Loam	CH	A-6	0	0-2	85-100	80-100	70-100	55-95	37-55	19-32
		Clay	CL	A-7								
	15-24	Bedrock	---	---	---	---	---	---	---	---	---	---
	24-28	Bedrock	---	---	---	---	---	---	---	---	---	---
WmD:												
Wilkes	0-7	Fine Sandy Loam	CL	A-2	0	0-2	80-100	70-100	40-95	20-75	17-35	2-13
		Gravelly Sandy Loam	SC-SM	A-4								
		Loam										
	7-15	Clay	CH	A-6	0	0-2	85-100	80-100	70-100	55-95	37-55	19-32
		Clay Loam	CL	A-7								
	15-24	Bedrock	---	---	---	---	---	---	---	---	---	---
	24-28	Bedrock	---	---	---	---	---	---	---	---	---	---
WmF:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
WmF:												
Wilkes	0-7	Loam	CL	A-2	0	0-2	80-100	70-100	40-95	20-75	17-35	2-13
		Fine Sandy Loam	SC-SM	A-4								
		Gravelly Sandy Loam										
	7-15	Clay Loam	CH	A-6	0	0-2	85-100	80-100	70-100	55-95	37-55	19-32
		Clay	CL	A-7								
	15-24	Bedrock	---	---	---	---	---	---	---	---	---	---
	24-28	Bedrock	---	---	---	---	---	---	---	---	---	---
WnC3:												
Wilkes	0-7	Clay	CL	A-6	0	0-2	90-100	80-100	55-100	30-95	28-54	12-32
		Fine Sandy Loam	SC	A-7								
		Clay Loam										
	7-12	Clay	CH	A-6	0	0-2	85-100	80-100	70-100	55-95	37-55	19-32
		Clay Loam	CL	A-7								
	12-24	Bedrock	---	---	---	---	---	---	---	---	---	---
	24-28	Bedrock	---	---	---	---	---	---	---	---	---	---
WnF3:												
Wilkes	0-7	Clay Loam	CL	A-6	0	0-2	90-100	80-100	55-100	30-95	28-54	12-32
		Clay	SC	A-7								
		Fine Sandy Loam										
	7-12	Clay	CH	A-6	0	0-2	85-100	80-100	70-100	55-95	37-55	19-32
		Clay Loam	CL	A-7								
	12-24	Bedrock	---	---	---	---	---	---	---	---	---	---
	24-28	Bedrock	---	---	---	---	---	---	---	---	---	---
Wo:												

Table H. - Engineering Index Properties - Continued

Charlotte County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
Wo:												
Worsham	0-9	Silt Loam	CL	A-4	0	0-2	90-100	80-100	55-100	30-90	22-41	6-17
		Fine Sandy Loam	CL-ML	A-6								
	9-48	Clay	CH	A-6	0	0-2	90-100	80-100	70-100	55-95	39-64	21-40
		Clay Loam	CL	A-7								
	48-60	Gravelly Sandy Loam	CH	A-2	0	0-3	75-100	65-100	40-100	20-95	22-59	6-36
		Clay	CL	A-4								
		Clay Loam	SC	A-6								
				A-7								
Wr:												
Worsham variant	0-12	Silt Loam	CL	A-4	0	0-2	90-100	80-100	55-100	30-90	22-41	6-17
		Fine Sandy Loam	SC	A-6								
	12-26	Clay Loam	CH	A-6	0	0-2	90-100	80-100	70-100	55-95	39-64	21-40
		Clay	CL	A-7								
	26-36	Loam	CL	A-6	0	0-3	75-100	65-100	55-100	40-80	26-49	10-27
		Clay Loam	SC	A-7								
		Gravelly Loam										
	36-52	Clay	CH	A-2	0	0-3	75-100	65-100	40-100	20-95	22-59	6-36
		Fine Sandy Loam	CL	A-4								
		Gravelly Sandy Loam	SC	A-6								
				A-7								