Table H.--Engineering Index Properties

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

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
AbB:												
Albrights-------	0-8	Silt loam	CL	A-4	0	0-10	80-100	80-95	70-90	55-80	15-30	5-10
	8-21	Channery clay loam, gravelly silt loam, silty clay loam	ML, SC, SM, CL	A-4, A-6	0	0-15	80-100	65-95	60-90	40-85	25-40	3-15
	21-60	Silt loam, gravelly silty clay loam, channery clay loam	CL, ML, SC, SC-SM	A-2, A-4, A-6	0	0-15	65-100	45-95	40-90	25-80	20-40	3-15
AbC2:												
Albrights-------	0-8	Silt loam	CL	A-4	0	0-10	80-100	80-95	70-90	55-80	15-30	5-10
	8-21	Channery clay loam, gravelly silt loam, silty clay loam	CL, ML, SC, SM	A-4, A-6	0	0-15	80-100	65-95	60-90	40-85	25-40	3-15
	21-60	Silt loam, gravelly silty clay loam, channery clay loam	CL, ML, SC, SC-SM	A-2, A-4, A-6	0	0-15	65-100	45-95	40-90	25-80	20-40	3-15
AgD:												
Albrights-------	0-8	Very stony silt loam	CL, ML	A-4	---	3-15	65-100	60-90	55-85	50-80	15-30	1-10
	8-21	Channery clay loam, gravelly silt loam, silty clay loam	CL, ML, SC, SM	A-4, A-6	0	0-15	80-100	65-95	60-90	40-85	25-40	3-15
	21-60	Silt loam, gravelly silty clay loam, channery clay loam	CL, ML, SC, SC-SM	A-2, A-4, A-6	0	0-15	65-100	55-95	40-90	25-80	20-40	3-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
AhA:												
Allegheny-------	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	90-100	80-100	60-85	35-55	15-20	NP-5
	9-40	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	40-65	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A-4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
AhB2:												
Allegheny-------	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	90-100	80-100	60-85	35-55	15-20	NP-5
	9-40	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	40-65	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A-4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
AhC2:												
Allegheny-------	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	90-100	80-100	60-85	35-55	15-20	NP-5
	9-40	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	40-65	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A-4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
AlA:												
Allegheny-------	0-9	Silt loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	9-40	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	40-65	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A-4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
AlB2:												
Allegheny-------	0-9	Silt loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	9-40	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	40-65	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A-4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
AlC2:												
Allegheny-------	0-9	Silt loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	9-40	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	40-65	Clay loam, sandy loam, gravelly sandy loam	GC, ML, SM, CL	A-1, A-2, A-4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
AlD:												
Allegheny-------	0-9	Silt loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	9-40	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	40-65	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A-4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
AnB:												
Allegheny-------	0-9	Silt loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	9-40	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	40-65	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A-4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
AnC:												
Allegheny-------	0-9	Silt loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	9-40	Clay loam, loam, sandy clay loam	CL, ML, SC, SM	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	40-65	Clay loam, sandy loam, gravelly sandy loam	CL, GC, ML, SM	A-1, A-2, A-4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Au:												
Alluvial Land---	0-6	Gravelly silt loam	CL-ML, ML, SC-SM, SM	A-4	---	0-5	75-100	60-100	55-90	45-80	15-25	NP-6
	6-42	Sandy loam, silt loam, gravelly loam	CL-ML, ML, SC-SM, SM	A-4	---	0-10	75-100	60-100	50-90	35-80	10-25	NP-6
	42-60	Silt loam, loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	95-100	95-100	80-100	50-95	15-40	2-25
Av:												
Alluvial Land---	0-6	Gravelly silt loam	SM, SC-SM, ML, CL-ML	A-4	---	0-5	75-100	60-100	55-90	45-80	15-25	NP-6
	6-42	Sandy loam, silt loam, gravelly loam	CL-ML, GM, ML, SM	A-4	0	0-10	75-100	60-100	50-90	35-80	10-25	NP-6
	42-60	Silt loam, loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	0	0	95-100	95-100	80-100	50-95	15-40	2-25
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
Aw:												
Atkins----------	0-10	Silt loam	ML, CL-ML, CL	A-4, A-6	0	0	90-100	85-100	75-100	60-95	20-40	3-20
	10-34	Silty clay loam, silt loam, sandy loam	CL, ML, SC, SM	A-4, A-6	---	0-5	90-100	85-100	65-100	45-85	20-40	3-20
	34-60	Stratified silty clay loam to gravelly sandy loam	CL, GM, ML, SM	A-2, A-4, A-6	---	0-15	60-100	60-100	50-95	30-85	20-40	1-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
BeE:												
Belmont---------	0-9	Very stony silt loam	CL-ML, CL	A-4, A-6	---	3-10	80-100	75-100	70-100	50-90	20-40	5-15
	9-21	Silty clay loam, silt loam, clay loam	CL, CL-ML	A-6, A-7, A-4	---	0-5	80-100	75-100	70-100	50-90	25-45	5-20
	21-36	Silty clay loam, clay loam, silty clay	CL	A-6, A-7	---	0-5	80-100	75-100	70-100	50-95	25-50	11-25
	36-43	Channery clay loam, channery silty clay loam, channery sandy clay loam	CL, GC	A-4, A-6, A-7	---	0-20	40-75	35-70	25-70	15-65	25-45	7-25
	43-47	Unweathered bedrock			---	---	---	---	---	---	---	---
BkC3:												
Brooke----------	0-9	Silty clay loam	CL	A-6	---	0-5	100	65-100	65-100	60-95	30-45	11-20
	9-22	Clay, silty clay	CL, CH	A-6, A-7	---	0-5	75-100	65-100	60-100	50-95	35-75	15-45
	22-38	Clay, silty clay	CH, CL	A-6, A-7	---	5-20	55-100	50-95	45-95	35-90	35-75	11-45
	38-42	Unweathered bedrock			---	---	---	---	---	---	---	---
BuB2:												
Buchanan--------	0-6	Gravelly loam	ML, CL, CL-ML, GM	A-2, A-4, A-6	0	0-10	50-100	45-75	40-75	30-65	20-35	2-11
	6-27	Gravelly loam, silt loam, gravelly sandy clay loam	CL, GM, ML, SM	A-2, A-4, A-6	0	0-20	50-100	45-90	40-90	20-80	20-35	2-15
	27-60	Gravelly loam, silt loam, channery clay loam	GM, ML, SM, CL	A-2, A-4, A-6	---	0-20	50-100	30-80	30-75	20-60	20-35	2-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
BuC2:												
Buchanan--------	0-6	Gravelly loam	ML, CL, CL-ML, GM	A-2, A-4, A-6	0	0-10	50-100	45-75	40-75	30-65	20-35	2-11
	6-27	Gravelly loam, silt loam, gravelly sandy clay loam	SM, ML, GM, CL	A-2, A-4, A-6	0	0-20	50-100	45-90	40-90	20-80	20-35	2-15
	27-60	Gravelly loam, silt loam, channery clay loam	ML, SM, GM, CL	A-2, A-4, A-6	---	0-20	50-100	30-80	30-75	20-60	20-35	2-15
BvC:												
Buchanan--------	0-6	Very stony loam	CL, CL-ML, GM, ML	A-2, A-4, A-6	---	3-20	50-90	45-75	40-75	30-65	20-35	2-11
	6-27	Gravelly loam, silt loam, gravelly sandy clay loam	CL, GM, ML, SM	A-2, A-4, A-6	---	0-20	50-100	45-90	40-90	20-80	20-35	2-15
	27-60	Gravelly loam, loam, channery clay loam	GM, CL, SM, ML	A-2, A-4, A-6	---	0-20	50-100	30-80	30-75	20-60	20-35	2-15
BvD:												
Buchanan--------	0-6	Very stony loam	CL-ML, ML, GM, CL	A-2, A-4, A-6	---	3-20	50-90	45-75	40-75	30-65	20-35	2-11
	6-27	Gravelly loam, silt loam, gravelly sandy clay loam	ML, SM, GM, CL	A-2, A-4, A-6	---	0-20	50-100	45-90	40-90	20-80	20-35	2-15
	27-60	Gravelly loam, loam, channery clay loam	CL, GM, ML, SM	A-2, A-4, A-6	---	0-20	50-100	30-80	30-75	20-60	20-35	2-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
CaB:												
Calvin----------	0-8	Channery silt loam	ML	A-4	0	0-15	70-95	70-90	65-90	55-75	0-14	---
	8-27	Channery silt loam, channery loam, very channery clay loam	GM, ML, SM	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	27-34	Channery silt loam, very channery silt loam, very channery loam	SC, GM, SM, GC	A-1, A-2, A-4, A-6	0	0-20	35-75	30-65	15-60	15-40	23-39	3-13
	34-38	Unweathered bedrock			---	---	---	---	---	---	0-14	---
CaC:												
Calvin----------	0-8	Channery silt loam	ML	A-4	0	0-15	70-95	70-90	65-90	55-75	0-14	---
	8-27	Channery silt loam, channery loam, very channery clay loam	SM, GM, ML	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	27-34	Channery silt loam, very channery silt loam, very channery loam	SM, GC, SC, GM	A-1, A-2, A-4, A-6	0	0-20	35-75	30-65	15-60	15-40	23-39	3-13
	34-38	Unweathered bedrock			---	---	---	---	---	---	0-14	---
ClB2:												
Calvin----------	0-8	Channery silt loam	ML	A-4	0	0-15	70-95	70-90	65-90	55-75	0-14	---
	8-27	Channery silt loam, channery loam, very channery clay loam	SM, ML, GM	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	27-34	Channery silt loam, very channery silt loam, very channery loam	GM, GC, SC, SM	A-6, A-1, A-2, A-4	0	0-20	35-75	30-65	15-60	15-40	23-39	3-13
	34-38	Unweathered bedrock			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
ClC2:												
Calvin----------	0-8	Channery silt loam	ML	A-4	0	0-15	70-95	70-90	65-90	55-75	0-14	---
	8-27	Channery silt loam, channery loam, very channery clay loam	GM, ML, SM	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	27-34	Channery silt loam, very channery silt loam, very channery loam	SM, GC, GM, SC	A-1, A-2, A-4, A-6	0	0-20	35-75	30-65	15-60	15-40	23-39	3-13
	34-38	Unweathered bedrock			---	---	---	---	---	---	0-14	---
ClD2:												
Calvin----------	0-8	Channery silt loam	ML	A-4	0	0-15	70-95	70-90	65-90	55-75	0-14	---
	8-27	Channery silt loam, channery loam, very channery clay loam	SM, ML, GM	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	27-34	Channery silt loam, very channery silt loam, very channery loam	SM, GC, GM, SC	A-1, A-2, A-4, A-6	0	0-20	35-75	30-65	15-60	15-40	23-39	3-13
	34-38	Unweathered bedrock			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
ClE:												
Calvin----------	0-8	Channery silt loam	ML	A-4	0	0-15	70-95	70-90	65-90	55-75	0-14	---
	8-27	Channery silt loam, channery loam, very channery clay loam	GM, ML, SM	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	27-34	Channery silt loam, very channery silt loam, very channery loam	GM, SC, SM, GC	A-1, A-2, A-4, A-6	0	0-20	35-75	30-65	15-60	15-40	23-39	3-13
	34-38	Unweathered bedrock			---	---	---	---	---	---	0-14	---
CnB2:												
Calvin----------	0-8	Channery silt loam	ML	A-4	0	0-15	70-95	70-90	65-90	55-75	0-14	---
	8-27	Channery silt loam, channery loam, very channery clay loam	GM, SM, ML	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	27-34	Channery silt loam, very channery silt loam, very channery loam	SM, SC, GC, GM	A-1, A-2, A-4, A-6	0	0-20	35-75	30-65	15-60	15-40	23-39	3-13
	34-38	Unweathered bedrock			---	---	---	---	---	---	0-14	---
Weikert---------	0-7	Channery silt loam	SM, ML, GM	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Shaly loam, very shaly silt loam, cherty loam	GP-GM, GM	A-1, A-2	---	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
CnC2:												
Calvin----------	0-8	Channery silt loam	ML	A-4	0	0-15	70-95	70-90	65-90	55-75	0-14	---
	8-27	Channery silt loam, channery loam, very channery clay loam	GM, ML, SM	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	27-34	Channery silt loam, very channery silt loam, very channery loam	SC, SM, GM, GC	A-1, A-2, A-4, A-6	0	0-20	35-75	30-65	15-60	15-40	23-39	3-13
	34-38	Unweathered bedrock			---	---	---	---	---	---	0-14	---
Weikert---------	0-7	Channery silt loam	ML, GM, SM	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Shaly loam, very shaly silt loam, cherty loam	GM, GP-GM	A-1, A-2	---	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---
CnD2:												
Calvin----------	0-8	Channery silt loam	ML	A-4	0	0-15	70-95	70-90	65-90	55-75	0-14	---
	8-27	Channery silt loam, channery loam, very channery clay loam	GM, ML, SM	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	27-34	Channery silt loam, very channery silt loam, very channery loam	SC, GM, SM, GC	A-1, A-2, A-4, A-6	0	0-20	35-75	30-65	15-60	15-40	23-39	3-13
	34-38	Unweathered bedrock			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
Weikert---------	0-7	Channery silt loam	SM, GM, ML	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Shaly loam, very shaly silt loam, cherty loam	GP-GM, GM	A-1, A-2	---	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---
CnE:												
Calvin----------	0-8	Channery silt loam	ML	A-4	0	0-15	70-95	70-90	65-90	55-75	0-14	---
	8-27	Channery silt loam, channery loam, very channery clay loam	GM, ML, SM	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	27-34	Channery silt loam, very channery silt loam, very channery loam	SM, GC, GM, SC	A-1, A-2, A-4, A-6	0	0-20	35-75	30-65	15-60	15-40	23-39	3-13
	34-38	Unweathered bedrock			---	---	---	---	---	---	0-14	---
Weikert---------	0-7	Channery silt loam	SM, GM, ML	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Shaly loam, very shaly silt loam, cherty loam	GM, GP-GM	A-1, A-2	---	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---
CoB2:												
Cavode----------	0-10	Silt loam	ML	A-4	---	0-5	90-100	80-100	80-95	75-95	0-14	---
	10-30	Silty clay loam, silty clay, clay	ML, CL-ML	A-4, A-6, A-7	---	0-5	85-100	80-100	80-95	70-95	25-50	4-20
	30-57	Shaly silty clay loam, silty clay, clay	GM, ML	A-2, A-4, A-6	---	0-45	50-100	35-100	30-80	25-75	25-45	2-15
	57-61	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
CoC2:												
Cavode----------	0-10	Silt loam	ML	A-4	---	0-5	90-100	80-100	80-95	75-95	0-14	---
	10-30	Silty clay loam, silty clay, clay	ML, CL-ML	A-4, A-6, A-7	---	0-5	85-100	80-100	80-95	70-95	25-50	4-20
	30-57	Shaly silty clay loam, silty clay, clay	ML, GM	A-2, A-4, A-6	---	0-45	50-100	35-100	30-80	25-75	25-45	2-15
	57-61	Unweathered bedrock			---	---	---	---	---	---	---	---
CrD:												
Cavode----------	0-10	Very stony silt loam	ML	A-4	---	3-15	90-100	80-100	80-95	75-95	0-14	---
	10-30	Silty clay loam, silty clay, clay	CL-ML, ML	A-4, A-6, A-7	---	0-5	85-100	80-100	80-95	70-95	25-50	4-20
	30-57	Shaly silty clay loam, silty clay, clay	ML, GM	A-2, A-4, A-6	---	0-45	50-100	35-100	30-80	25-75	25-45	2-15
	57-61	Unweathered bedrock			---	---	---	---	---	---	---	---
CsA:												
Chavies---------	0-10	Loam	SC-SM, SM, ML, CL-ML	A-4	0	0	85-100	75-100	40-90	40-75	15-25	NP-5
	10-44	Fine sandy loam, silt loam, loam	ML, SM	A-4	0	0	85-100	75-100	65-100	45-85	15-35	NP-8
	44-65	Fine sandy loam, gravelly fine sandy loam, loam	CL-ML, ML, SC-SM, SM	A-1-b, A-2, A-4	---	0-5	70-100	60-95	40-85	20-75	15-25	NP-5
CsB:												
Chavies---------	0-10	Loam	SM, SC-SM, CL-ML, ML	A-4	0	0	85-100	75-100	40-90	40-75	15-25	NP-5
	10-44	Fine sandy loam, silt loam, loam	ML, SM	A-4	0	0	85-100	75-100	65-100	45-85	15-35	NP-8
	44-65	Fine sandy loam, gravelly fine sandy loam, loam	CL-ML, ML, SC-SM, SM	A-1-b, A-2, A-4	---	0-5	70-100	60-95	40-85	20-75	15-25	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
CtB2:												
Cookport--------	0-12	Silt loam	SM, SC, ML, CL	A-2, A-4, A-6	---	0-5	85-100	80-100	60-85	30-85	20-40	1-15
	12-20	Sandy clay loam, clay loam, channery loam	SC	A-4, A-6	---	0-15	85-100	65-100	55-95	40-75	20-40	4-20
	20-38	Sandy clay loam, clay loam, channery loam	CL, SC	A-4, A-6	---	0-15	85-100	65-100	55-95	40-75	20-40	4-20
	38-42	Very channery sandy loam, channery loam	CL, GC-GM, ML, SC-SM	A-2, A-4, A-6	---	0-15	60-100	50-95	40-95	30-75	20-40	1-15
	42-46	Unweathered bedrock			---	---	---	---	---	---	---	---
CtC2:												
Cookport--------	0-12	Silt loam	SM, CL, ML, SC	A-2, A-4, A-6	---	0-5	85-100	80-100	60-85	30-85	20-40	1-15
	12-20	Sandy clay loam, clay loam, channery loam	CL, SC	A-4, A-6	---	0-15	85-100	65-100	55-95	40-75	20-40	4-20
	20-38	Sandy clay loam, clay loam, channery loam	SC, CL	A-4, A-6	---	0-15	85-100	65-100	55-95	40-75	20-40	4-20
	38-42	Very channery sandy loam, channery loam	ML, SC-SM, GC-GM, CL	A-2, A-4, A-6	---	0-15	60-100	50-95	40-95	30-75	20-40	1-15
	42-46	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
CuB:												
Cookport--------	0-12	Very stony silt loam	SC, SM, CL, ML	A-2, A-4, A-6	---	2-40	75-95	60-70	50-60	30-55	20-40	1-15
	12-20	Sandy clay loam, clay loam, channery loam	CL, SC	A-4, A-6	---	0-15	85-100	65-100	55-95	40-75	20-40	4-20
	20-38	Sandy clay loam, clay loam, channery loam	SC, CL	A-4, A-6	---	0-15	85-100	65-100	55-95	40-75	20-40	4-20
	38-42	Very channery sandy loam, channery loam	SC-SM, ML, GC-GM, CL	A-2, A-4, A-6	---	0-15	60-100	50-95	40-95	30-75	20-40	1-15
	42-46	Unweathered bedrock			---	---	---	---	---	---	---	---
CuD:												
Cookport--------	0-12	Very stony silt loam	SM, SC, ML, CL	A-2, A-4, A-6	---	2-40	75-95	60-70	50-60	30-55	20-40	1-15
	12-20	Sandy clay loam, clay loam, channery loam	CL, SC	A-4, A-6	---	0-15	85-100	65-100	55-95	40-75	20-40	4-20
	20-38	Sandy clay loam, clay loam, channery loam	CL, SC	A-4, A-6	---	0-15	85-100	65-100	55-95	40-75	20-40	4-20
	38-42	Very channery sandy loam, channery loam	CL, GC-GM, ML, SC-SM	A-2, A-4, A-6	---	0-15	60-100	50-95	40-95	30-75	20-40	1-15
	42-46	Unweathered bedrock			---	---	---	---	---	---	---	---
Cv:												
Cut And Fill Land----------	0-6	Very channery silt loam	GM, SC-SM, GC, CL	A-1, A-2, A-4	---	0-20	40-80	30-70	20-65	15-60	15-25	NP-10
	6-60	Very shaly silt loam, very channery sandy loam, shaly loam	GC, SC-SM, GW-GM, GM	A-1, A-2	---	0-45	25-80	20-50	10-30	5-30	15-40	NP-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
DeB2:												
Dekalb----------	0-8	Channery sandy loam	CL-ML, GM, ML, SM	A-1, A-2, A-4	---	0-30	50-90	45-80	40-75	20-55	10-32	NP-10
	8-29	Channery sandy loam, channery loam, very channery sandy loam	GC-GM, GM, ML, SM	A-1, A-2, A-4	---	5-40	50-85	40-80	40-75	20-55	15-32	NP-9
	29-34	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	GC, SM, SC, GM	A-1, A-2, A-4	---	10-50	45-85	25-75	20-65	15-40	15-32	NP-9
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---
DeC2:												
Dekalb----------	0-8	Channery sandy loam	SM, CL-ML, GM, ML	A-1, A-2, A-4	---	0-30	50-90	45-80	40-75	20-55	10-32	NP-10
	8-29	Channery sandy loam, channery loam, very channery sandy loam	GC-GM, GM, ML, SM	A-1, A-2, A-4	---	5-40	50-85	40-80	40-75	20-55	15-32	NP-9
	29-34	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	SM, SC, GM, GC	A-1, A-2, A-4	---	10-50	45-85	25-75	20-65	15-40	15-32	NP-9
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---
DeD:												
Dekalb----------	0-8	Channery sandy loam	CL-ML, GM, ML, SM	A-1, A-2, A-4	---	0-30	50-90	45-80	40-75	20-55	10-32	NP-10
	8-29	Channery sandy loam, channery loam, very channery sandy loam	GC-GM, GM, ML, SM	A-1, A-2, A-4	---	5-40	50-85	40-80	40-75	20-55	15-32	NP-9
	29-34	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	GM, SC, GC, SM	A-1, A-2, A-4	---	10-50	45-85	25-75	20-65	15-40	15-32	NP-9
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
DkB:												
Dekalb----------	0-8	Very stony sandy loam	SM, ML, GM, CL-ML	A-4, A-1, A-2	---	10-30	50-90	45-80	40-75	20-55	15-32	NP-7
	8-29	Channery sandy loam, channery loam, very channery sandy loam	GM, ML, SM	A-1, A-2, A-4	---	5-40	50-85	40-80	40-75	20-55	15-32	NP-7
	29-34	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	GC, GM, SC, SM	A-1, A-2, A-4	---	10-50	45-85	35-75	25-65	15-40	15-32	NP-9
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---
DkC:												
Dekalb----------	0-8	Very stony sandy loam	ML, SM, GM, CL-ML	A-1, A-2, A-4	---	10-30	50-90	45-80	40-75	20-55	15-32	NP-7
	8-29	Channery sandy loam, channery loam, very channery sandy loam	SM, GM, ML	A-1, A-2, A-4	---	5-40	50-85	40-80	40-75	20-55	15-32	NP-7
	29-34	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	SM, SC, GM, GC	A-1, A-2, A-4	---	10-50	45-85	35-75	25-65	15-40	15-32	NP-9
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
DlE:												
Dekalb----------	0-8	Very stony sandy loam	SM, CL-ML, GM, ML	A-1, A-2, A-4	0-6	10-30	50-90	45-80	40-75	20-55	10-32	NP-10
	8-29	Channery sandy loam, channery loam, very channery sandy loam	GC-GM, SM, ML, GM	A-1, A-2, A-4	0	5-40	50-85	40-75	40-75	20-55	15-32	NP-9
	29-34	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	SM, GC, GM, SC	A-1, A-2, A-4	0-1	10-50	45-85	25-75	20-65	15-40	15-32	NP-9
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---
Lehew----------	0-6	Very stony sandy loam	CL-ML, GM, SM, ML	A-2, A-4	1-5	3-15	50-90	45-80	40-75	20-55	15-30	NP-7
	6-20	Very channery sandy loam, channery fine sandy loam, channery loam	GC-GM, SM, SC-SM, GM	A-2, A-4	0-5	5-40	45-75	30-65	20-55	10-40	15-30	NP-7
	20-32	Very channery sandy loam, very channery fine sandy loam, channery loam	GM, GC-GM, SC-SM, SM	A-2, A-4	0-5	10-50	45-75	30-65	20-55	10-40	15-30	NP-7
	32-36	Weathered bedrock			---	---	---	---	---	---	---	---
DlF:												
Dekalb----------	0-8	Very stony sandy loam	CL-ML, GM, ML, SM	A-1, A-2, A-4	0-6	10-30	50-90	45-80	40-75	20-55	10-32	NP-10
	8-29	Channery sandy loam, channery loam, very channery sandy loam	GM, ML, SM, GC-GM	A-1, A-2, A-4	0	5-40	50-85	40-75	40-75	20-55	15-32	NP-9
	29-34	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	SM, GC, SC, GM	A-1, A-2, A-4	0-1	10-50	45-85	25-75	20-65	15-40	15-32	NP-9
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Lehew----------	0-6	Very stony sandy loam	GM, CL-ML, ML, SM	A-2, A-4	1-5	3-15	50-90	45-80	40-75	20-55	15-30	NP-7
	6-20	Very channery sandy loam, channery fine sandy loam, channery loam	GC-GM, GM, SC-SM, SM	A-2, A-4	0-5	5-40	45-75	30-65	20-55	10-40	15-30	NP-7
	20-32	Very channery sandy loam, very channery fine sandy loam, channery loam	SM, SC-SM, GM, GC-GM	A-2, A-4	0-5	10-50	45-75	30-65	20-55	10-40	15-30	NP-7
	32-36	Weathered bedrock			---	---	---	---	---	---	---	---
EdB2:												
Edom----------	0-8	Silt loam	ML	A-4, A-6	0	0	85-100	80-100	75-95	70-90	0-14	---
	8-36	Silty clay, channery clay, shaly silty clay loam	CL, CH	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	GM, SM, ML	A-2, A-6, A-7	---	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---
EdC2:												
Edom----------	0-8	Silt loam	ML	A-4, A-6	0	0	85-100	80-100	75-95	70-90	0-14	---
	8-36	Silty clay, channery clay, shaly silty clay loam	CL, CH	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	GM, SM, ML	A-2, A-6, A-7	---	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
EdD2:												
Edom----------	0-8	Silt loam	ML	A-4, A-6	0	0	85-100	80-100	75-95	70-90	0-14	---
	8-36	Silty clay, channery clay, shaly silty clay loam	CH, CL	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	SM, ML, GM	A-2, A-6, A-7	---	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---
Edom----------	0-8	Silt loam	ML	A-4, A-6	0	0	85-100	80-100	75-95	70-90	0-14	---
	8-36	Silty clay, channery clay, shaly silty clay loam	CH, CL	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	GM, ML, SM	A-2, A-6, A-7	---	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---
EdE2:												
Edom----------	0-8	Silt loam	ML	A-4, A-6	0	0	85-100	80-100	75-95	70-90	0-14	---
	8-36	Silty clay, channery clay, shaly silty clay loam	CH, CL	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	SM, GM, ML	A-2, A-6, A-7	---	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
Edom----------	0-8	Silt loam	ML	A-4, A-6	0	0	85-100	80-100	75-95	70-90	0-14	---
	8-36	Silty clay, channery clay, shaly silty clay loam	CL, CH	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	GM, SM, ML	A-2, A-6, A-7	---	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---
EeE3:												
Edom----------	0-8	Silty clay loam	ML	A-4, A-6	0	0	85-100	80-100	75-95	70-90	0-14	---
	8-36	Silty clay, channery clay, shaly silty clay loam	CL, CH	A-7, A-6	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	SM, GM, ML	A-2, A-6, A-7	---	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---
Edom----------	0-8	Silty clay loam	ML	A-4, A-6	0	0	85-100	80-100	75-95	70-90	0-14	---
	8-36	Silty clay, channery clay, shaly silty clay loam	CH, CL	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	SM, GM, ML	A-2, A-6, A-7	---	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
ElA:												
Elliber---------	0-14	Channery silt loam	GM	A-1, A-2, A-4	0	5-10	30-60	25-60	20-50	15-40	---	---
	14-70	Cherty silt loam, very cherty sandy loam, very cherty loam	GM, SM	A-1, A-2, A-4	---	20-40	40-65	30-60	25-50	5-40	20-35	NP-7
ElB2:												
Elliber---------	0-14	Channery silt loam	GM	A-1, A-2, A-4	0	5-10	30-60	25-60	20-50	15-40	---	---
	14-70	Cherty silt loam, very cherty sandy loam, very cherty loam	GM, SM	A-1, A-2, A-4	---	20-40	40-65	30-60	25-50	5-40	20-35	NP-7
ElC2:												
Elliber---------	0-14	Channery silt loam	GM	A-1, A-2, A-4	0	5-10	30-60	25-60	20-50	15-40	---	---
	14-70	Cherty silt loam, very cherty sandy loam, very cherty loam	SM, GM	A-1, A-2, A-4	---	20-40	40-65	30-60	25-50	5-40	20-35	NP-7
ElD:												
Elliber---------	0-14	Channery silt loam	GM	A-1, A-2, A-4	0	5-10	30-60	25-60	20-50	15-40	---	---
	14-70	Cherty silt loam, very cherty sandy loam, very cherty loam	SM, GM	A-1, A-2, A-4	---	20-40	40-65	30-60	25-50	5-40	20-35	NP-7
Elliber---------	0-14	Channery silt loam	GM	A-1, A-2, A-4	0	5-10	30-60	25-60	20-50	15-40	---	---
	14-70	Cherty silt loam, very cherty sandy loam, very cherty loam	GM, SM	A-1, A-2, A-4	---	20-40	40-65	30-60	25-50	5-40	20-35	NP-7

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
EmC:												
Elliber---------	0-14	Very stony silt loam	GM	A-1, A-2, A-4	---	3-15	30-60	20-60	15-50	10-40	0-14	---
	14-70	Cherty silt loam, very cherty sandy loam, very cherty clay loam	SP-SM, GM	A-1, A-2, A-4	0	20-40	40-65	5-45	5-45	5-40	20-35	NP-7
EmD:												
Elliber---------	0-14	Very stony silt loam	GM	A-1, A-2, A-4	---	3-15	30-60	20-60	15-50	10-40	0-14	---
	14-70	Cherty silt loam, very cherty sandy loam, very cherty clay loam	GM, SP-SM	A-1, A-2, A-4	0	20-40	40-65	5-45	5-45	5-40	20-35	NP-7
Elliber---------	0-14	Very stony silt loam	GM	A-1, A-2, A-4	---	3-15	30-60	20-60	15-50	10-40	0-14	---
	14-70	Cherty silt loam, very cherty sandy loam, very cherty clay loam	SP-SM, GM	A-1, A-2, A-4	0	20-40	40-65	5-45	5-45	5-40	20-35	NP-7
EmF:												
Elliber---------	0-14	Very stony silt loam	GM	A-1, A-2, A-4	---	3-15	30-60	20-60	15-50	10-40	0-14	---
	14-70	Cherty silt loam, very cherty sandy loam, very cherty clay loam	SP-SM, GM	A-1, A-2, A-4	0	20-40	40-65	5-45	5-45	5-40	20-35	NP-7
Elliber---------	0-14	Very stony silt loam	GM	A-1, A-2, A-4	---	3-15	30-60	20-60	15-50	10-40	0-14	---
	14-70	Cherty silt loam, very cherty sandy loam, very cherty clay loam	GM, SP-SM	A-1, A-2, A-4	0	20-40	40-65	5-45	5-45	5-40	20-35	NP-7

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
ErA:												
Ernest----------	0-7	Silt loam	CL, CL-ML	A-4, A-6	0	0-10	85-100	80-100	70-95	60-95	20-40	4-15
	7-27	Silty clay loam, silt loam, channery silt loam	CL, CL-ML	A-4, A-6, A-7	---	0-15	75-95	70-95	65-90	55-90	25-50	6-22
	27-47	Channery silt loam, channery loam, silty clay loam	CL, GM, SC, ML	A-4, A-6, A-7	---	0-20	70-95	55-95	55-90	45-90	20-45	4-18
	47-60	Channery silt loam, silt loam, silty clay loam	SC, CL	A-4, A-6, A-7	---	0-20	70-95	45-95	45-90	40-90	25-50	6-22
ErB2:												
Ernest----------	0-7	Silt loam	CL-ML, CL	A-4, A-6	0	0-10	85-100	80-100	70-95	60-95	20-40	4-15
	7-27	Silty clay loam, silt loam, channery silt loam	CL-ML, CL	A-4, A-6, A-7	---	0-15	75-95	70-95	65-90	55-90	25-50	6-22
	27-47	Channery silt loam, channery loam, silty clay loam	CL, GM, ML, SC	A-4, A-6, A-7	---	0-20	70-95	55-95	55-90	45-90	20-45	4-18
	47-60	Channery silt loam, silt loam, silty clay loam	SC, CL	A-6, A-7, A-4	---	0-20	70-95	45-95	45-90	40-90	25-50	6-22
ErC2:												
Ernest----------	0-7	Silt loam	CL, CL-ML	A-4, A-6	0	0-10	85-100	80-100	70-95	60-95	20-40	4-15
	7-27	Silty clay loam, silt loam, channery silt loam	CL, CL-ML	A-4, A-6, A-7	---	0-15	75-95	70-95	65-90	55-90	25-50	6-22
	27-47	Channery silt loam, channery loam, silty clay loam	CL, SC, ML, GM	A-4, A-6, A-7	---	0-20	70-95	55-95	55-90	45-90	20-45	4-18
	47-60	Channery silt loam, silt loam, silty clay loam	SC, CL	A-4, A-6, A-7	---	0-20	70-95	45-95	45-90	40-90	25-50	6-22

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
ErD2:												
Ernest----------	0-7	Silt loam	CL, CL-ML	A-4, A-6	0	0-10	85-100	80-100	70-95	60-95	20-40	4-15
	7-27	Silty clay loam, silt loam, channery silt loam	CL-ML, CL	A-4, A-6, A-7	---	0-15	75-95	70-95	65-90	55-90	25-50	6-22
	27-47	Channery silt loam, channery loam, silty clay loam	GM, SC, CL, ML	A-4, A-6, A-7	---	0-20	70-95	55-95	55-90	45-90	20-45	4-18
	47-60	Channery silt loam, silt loam, silty clay loam	SC, CL	A-4, A-6, A-7	---	0-20	70-95	45-95	45-90	40-90	25-50	6-22
EuB:												
Ernest----------	0-7	Silt loam	CL, CL-ML	A-4, A-6	0	0-10	85-100	80-100	70-95	60-95	20-40	4-15
	7-27	Silty clay loam, silt loam, channery silt loam	CL, CL-ML	A-4, A-6, A-7	---	0-15	75-95	70-95	65-90	55-90	25-50	6-22
	27-47	Channery silt loam, channery loam, silty clay loam	CL, GM, ML, SC	A-4, A-6, A-7	---	0-20	70-95	55-95	55-90	45-90	20-45	4-18
	47-60	Channery silt loam, silt loam, silty clay loam	CL, SC	A-4, A-6, A-7	---	0-20	70-95	45-95	45-90	40-90	25-50	6-22
Landisburg------	0-8	Channery silt loam	ML	A-4, A-6	---	0-20	75-85	60-80	55-70	50-70	---	---
	8-24	Cherty silty clay loam, silt loam	ML	A-4, A-6, A-7	---	0-20	70-90	65-85	60-80	55-75	---	---
	24-36	Cherty clay loam, silty clay loam, silt loam	GM, ML	A-4, A-6, A-7	---	5-20	60-85	55-80	45-80	35-75	---	---
	36-60	Cherty silty clay loam, cherty loam	GM, ML	A-2, A-4, A-6, A-7	---	10-25	55-75	50-70	40-70	30-65	---	---
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
EuD:												
Ernest----------	0-7	Silt loam	CL-ML, CL	A-4, A-6	0	0-10	85-100	80-100	70-95	60-95	20-40	4-15
	7-27	Silty clay loam, silt loam, channery silt loam	CL-ML, CL	A-4, A-6, A-7	---	0-15	75-95	70-95	65-90	55-90	25-50	6-22
	27-47	Channery silt loam, channery loam, silty clay loam	GM, CL, ML, SC	A-4, A-6, A-7	---	0-20	70-95	55-95	55-90	45-90	20-45	4-18
	47-60	Channery silt loam, silt loam, silty clay loam	CL, SC	A-4, A-6, A-7	---	0-20	70-95	45-95	45-90	40-90	25-50	6-22
Landisburg------	0-12	Channery silt loam	CL, ML	A-4, A-6	0	0-5	90-100	85-100	80-95	75-90	25-35	2-11
	12-28	Loam, channery silty clay loam, gravelly silt loam	CL-ML, CL	A-4, A-6, A-7	0	0-10	80-100	65-100	60-95	55-85	25-45	6-20
	28-48	Silty clay loam, channery loam, gravelly silt loam	CL-ML, SC-SM, SC, CL	A-4, A-6, A-7	0	0-15	75-100	55-100	50-95	45-90	20-45	4-20
	48-60	Clay, channery loam, silty clay loam	SC-SM, GC, CH, CL	A-2, A-4, A-6, A-7	0	0-20	50-100	20-100	15-95	15-90	20-52	4-25
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
GlB2:												
Gilpin----------	0-8	Silt loam	CL-ML, CL	A-4, A-6	---	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	SC, GC, CL, CL-ML	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
GlC2:												
Gilpin----------	0-8	Silt loam	CL, CL-ML	A-4, A-6	---	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	GC, CL, CL-ML, SC	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
GlD2:												
Gilpin----------	0-8	Silt loam	CL, CL-ML	A-4, A-6	---	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	GC, SC, CL, CL-ML	A-4, A-6, A-2	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
Gilpin----------	0-8	Silt loam	CL-ML, CL	A-4, A-6	---	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	SC, GC, CL-ML, CL	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
GnB2:												
Gilpin----------	0-8	Channery silt loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	0-30	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	GC, SC, CL, CL-ML	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
GnC2:												
Gilpin----------	0-8	Channery silt loam	SC, CL, CL-ML, GC	A-2, A-4, A-6	---	0-30	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC-GM, GC	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
GnD2:												
Gilpin----------	0-8	Channery silt loam	SC, GC, CL-ML, CL	A-2, A-4, A-6	---	0-30	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Gilpin----------	0-8	Channery silt loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	0-30	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
GnE:												
Gilpin----------	0-8	Channery silt loam	SC, GC, CL-ML, CL	A-2, A-4, A-6	---	0-30	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	SC, CL-ML, CL, GC	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
Gilpin----------	0-8	Channery silt loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	0-30	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	GC, SC, CL-ML, CL	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC-GM, GC	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
GsB:												
Gilpin----------	0-8	Very stony silt loam	GC, SC, CL-ML, CL	A-2, A-4, A-6	---	10-40	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery silt loam, channery loam, silty clay loam	CL-ML, GC-GM, SC, CL	A-2, A-4	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC-GM, GC	A-1, A-2, A-4	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
GsD:												
Gilpin----------	0-8	Very stony silt loam	SC, CL, CL-ML, GC	A-2, A-4, A-6	---	10-40	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery silt loam, channery loam, silty clay loam	CL, SC, GC-GM, CL-ML	A-2, A-4	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC-GM, GC	A-1, A-2, A-4	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
Gilpin----------	0-8	Very stony silt loam	SC, GC, CL-ML, CL	A-2, A-4, A-6	---	10-40	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery silt loam, channery loam, silty clay loam	SC, CL, CL-ML, GC-GM	A-2, A-4	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
GuB:												
Gilpin----------	0-8	Silt loam	CL, CL-ML	A-4, A-6	---	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	SC, GC, CL, CL-ML	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC-GM, GC	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
GuD:												
Gilpin----------	0-8	Silt loam	CL-ML, CL	A-4, A-6	---	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	SC, GC, CL-ML, CL	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
GwF:												
Gilpin----------	0-8	Very stony silt loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	10-40	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery silt loam, channery loam, silty clay loam	SC, CL, CL-ML, GC-GM	A-2, A-4, A-5	---	0-30	50-95	45-90	35-85	30-80	20-41	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC-GM, GC	A-1, A-2, A-4, A-5	---	0-35	25-55	20-50	15-45	15-40	20-41	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---
Weikert---------	0-7	Very stony silt loam	SM, ML, GM	A-1, A-2, A-4	---	3-15	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Very channery loam, very channery silt loam, cherty loam	GM, GP-GM	A-1, A-2	0	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Weathered bedrock			---	---	---	---	---	---	---	---
Gx:												
Gravel Pits-----	0-6	Extremely gravelly sand	GW	A-1	---	0-25	10-25	5-25	0-15	0-5	0-14	NP
	6-60	Extremely gravelly sand, extremely gravelly coarse sand, very gravelly coarse sand	SW, SP, GW, GP	A-1	---	0-25	10-55	5-50	0-15	0-5	0-14	NP
HeC2:												
Hagerstown------	0-8	Silt loam	CL-ML, CL	A-4, A-6, A-7	---	0-15	85-100	80-100	80-100	70-95	25-50	5-25
	8-20	Clay, clay loam, loam	CH, CL	A-7	0	0-5	90-100	80-100	75-100	55-95	48-65	26-34
	20-72	Clay, silty clay, silty clay loam	CH, CL	A-6, A-7	---	0-5	85-100	80-100	75-100	75-95	30-70	15-40

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
HeE2:												
Hagerstown------	0-8	Silt loam	CL, CL-ML	A-4, A-6, A-7	---	0-15	85-100	80-100	80-100	70-95	25-50	5-25
	8-20	Clay, clay loam, loam	CH, CL	A-7	0	0-5	90-100	80-100	75-100	55-95	48-65	26-34
	20-72	Clay, silty clay, silty clay loam	CL, CH	A-6, A-7	---	0-5	85-100	80-100	75-100	75-95	30-70	15-40
Hn:												
Huntington------	0-11	Silt loam	CL, CL-ML	A-4, A-6	0	0	95-100	95-100	85-100	60-95	25-40	5-15
	11-64	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	95-100	95-100	85-100	60-95	25-40	5-15
	64-74	Stratified fine sand to silty clay loam	SM, SC, ML, CL	A-2, A-4	---	0-10	95-100	60-100	50-90	30-75	15-30	NP-10
HxA:												
Huntington------	0-11	Silt loam	CL, CL-ML	A-4, A-6	0	0	95-100	95-100	85-100	60-95	25-40	5-15
	11-64	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	95-100	95-100	85-100	60-95	25-40	5-15
	64-74	Stratified fine sand to silty clay loam	SM, CL, ML, SC	A-2, A-4	---	0-10	95-100	60-100	50-90	30-75	15-30	NP-10
HxB:												
Huntington------	0-11	Silt loam	CL, CL-ML	A-4, A-6	0	0	95-100	95-100	85-100	60-95	25-40	5-15
	11-64	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	95-100	95-100	85-100	60-95	25-40	5-15
	64-74	Stratified fine sand to silty clay loam	SM, CL, ML, SC	A-2, A-4	---	0-10	95-100	60-100	50-90	30-75	15-30	NP-10
HxC:												
Huntington------	0-11	Silt loam	CL, CL-ML	A-4, A-6	0	0	95-100	95-100	85-100	60-95	25-40	5-15
	11-64	Silt loam, silty clay loam	CL-ML, CL	A-4, A-6	0	0	95-100	95-100	85-100	60-95	25-40	5-15
	64-74	Stratified fine sand to silty clay loam	SM, CL, ML, SC	A-2, A-4	---	0-10	95-100	60-100	50-90	30-75	15-30	NP-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
LaB2:												
Laidig----------	0-5	Gravelly loam	CL, ML, SM, GM	A-4	0	0-5	65-90	50-80	45-80	35-70	15-30	1-10
	5-36	Very channery loam, channery sandy clay loam, channery sandy loam	ML, SM, SC, CL	A-2, A-4, A-6	---	5-20	70-95	50-90	40-80	20-70	15-40	2-18
	36-72	Channery sandy clay loam, very channery loam, channery sandy loam	CL-ML, GC, GC-GM, SC	A-6, A-2, A-4	---	5-20	50-90	40-85	30-80	15-70	15-35	2-16
LaC2:												
Laidig----------	0-5	Gravelly loam	CL, GM, ML, SM	A-4	0	0-5	65-90	50-80	45-80	35-70	15-30	1-10
	5-36	Very channery loam, channery sandy clay loam, channery sandy loam	ML, SC, SM, CL	A-2, A-4, A-6	---	5-20	70-95	50-90	40-80	20-70	15-40	2-18
	36-72	Channery sandy clay loam, very channery loam, channery sandy loam	CL-ML, SC, GC-GM, GC	A-2, A-4, A-6	---	5-20	50-90	40-85	30-80	15-70	15-35	2-16
LaD2:												
Laidig----------	0-5	Gravelly loam	CL, GM, ML, SM	A-4	0	0-5	65-90	50-80	45-80	35-70	15-30	1-10
	5-36	Very channery loam, channery sandy clay loam, channery sandy loam	CL, ML, SC, SM	A-2, A-4, A-6	---	5-20	70-95	50-90	40-80	20-70	15-40	2-18
	36-72	Channery sandy clay loam, very channery loam, channery sandy loam	CL-ML, SC, GC-GM, GC	A-2, A-4, A-6	---	5-20	50-90	40-85	30-80	15-70	15-35	2-16

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
LbC:												
Laidig----------	0-5	Very stony loam	SM, CL-ML, GC-GM, SC-SM	A-4	---	3-15	65-90	50-80	45-80	35-70	15-30	NP-10
	5-36	Very channery loam, channery sandy clay loam, channery sandy loam	CL, ML, SM, SC	A-2, A-4, A-6	---	5-20	70-95	50-90	40-80	20-70	15-40	2-18
	36-72	Channery sandy clay loam, very channery loam, channery sandy loam	GC-GM, SC, GC, CL-ML	A-2, A-4, A-6	---	5-20	50-90	40-85	30-80	15-70	15-35	2-16
LbD:												
Laidig----------	0-5	Very stony loam	GC-GM, CL-ML, SC-SM, SM	A-4	---	3-15	65-90	50-80	45-80	35-70	15-30	NP-10
	5-36	Very channery loam, channery sandy clay loam, channery sandy loam	CL, ML, SC, SM	A-2, A-4, A-6	---	5-20	70-95	50-90	40-80	20-70	15-40	2-18
	36-72	Channery sandy clay loam, very channery loam, channery sandy loam	SC, GC-GM, CL-ML, GC	A-2, A-4, A-6	---	5-20	50-90	40-85	30-80	15-70	15-35	2-16
LdA:												
Landisburg------	0-8	Channery silt loam	ML	A-4, A-6	---	0-20	75-85	60-80	55-70	50-70	---	---
	8-24	Cherty silty clay loam, silt loam	ML	A-4, A-6, A-7	---	0-20	70-90	65-85	60-80	55-75	---	---
	24-36	Cherty clay loam, silty clay loam, silt loam	GM, ML	A-4, A-6, A-7	---	5-20	60-85	55-80	45-80	35-75	---	---
	36-60	Cherty silty clay loam, cherty loam	ML, GM	A-2, A-4, A-6, A-7	---	10-25	55-75	50-70	40-70	30-65	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
LdB2:												
Landisburg------	0-8	Channery silt loam	ML	A-4, A-6	---	0-20	75-85	60-80	55-70	50-70	---	---
	8-24	Cherty silty clay loam, silt loam	ML	A-4, A-6, A-7	---	0-20	70-90	65-85	60-80	55-75	---	---
	24-36	Cherty clay loam, silty clay loam, silt loam	GM, ML	A-4, A-6, A-7	---	5-20	60-85	55-80	45-80	35-75	---	---
	36-60	Cherty silty clay loam, cherty loam	GM, ML	A-2, A-4, A-6, A-7	---	10-25	55-75	50-70	40-70	30-65	---	---
LdC2:												
Landisburg------	0-12	Channery silt loam	CL, ML	A-4, A-6	0	0-15	80-100	65-95	60-80	55-75	25-35	2-11
	12-28	Loam, channery silty clay loam, gravelly silt loam	CL, CL-ML	A-4, A-6, A-7	0	0-10	80-100	65-100	60-95	55-85	25-45	6-20
	28-48	Silty clay loam, channery loam, gravelly silt loam	CL, SC-SM, SC, CL-ML	A-4, A-6, A-7	0	0-15	75-100	55-100	50-95	45-90	20-45	4-20
	48-60	Clay, channery loam, silty clay loam	SC-SM, CH, CL, GC	A-2, A-4, A-6, A-7	0	0-20	50-100	20-100	15-95	15-90	20-52	4-25
LdD2:												
Landisburg------	0-12	Channery silt loam	CL, ML	A-4, A-6	0	0-15	80-100	65-95	60-80	55-75	25-35	2-11
	12-28	Loam, channery silty clay loam, gravelly silt loam	CL-ML, CL	A-4, A-6, A-7	0	0-10	80-100	65-100	60-95	55-85	25-45	6-20
	28-48	Silty clay loam, channery loam, gravelly silt loam	SC-SM, CL, CL-ML, SC	A-4, A-6, A-7	0	0-15	75-100	55-100	50-95	45-90	20-45	4-20
	48-60	Clay, channery loam, silty clay loam	CH, SC-SM, GC, CL	A-2, A-4, A-6, A-7	0	0-20	50-100	20-100	15-95	15-90	20-52	4-25

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
LgD:												
Leetonia--------	0-7	Very stony loamy sand	SW, GM, GW, SM	A-1, A-2, A-3	---	5-20	45-85	35-70	20-55	2-20	0-14	NP
	7-20	Gravelly loamy sand, very gravelly loam	GW, SM, SW, GM	A-1, A-2, A-3	---	15-50	45-85	25-70	20-55	2-20	0-14	NP
	20-45	Very gravelly sand, very gravelly loamy sand	SM, SW, GW, GM	A-1	---	20-40	45-70	35-65	20-35	2-15	0-14	NP
	45-49	Unweathered bedrock	GM, GW, SM, SW		---	---	---	---	---	---	---	---
LhB2:												
Lehew----------	0-6	Channery loam	CL-ML, GM, ML, SM	A-2, A-4	0	5-30	50-80	45-70	40-65	25-60	15-30	NP-7
	6-20	Very channery sandy loam, channery fine sandy loam, channery loam	SC-SM, GM, SM, GC-GM	A-2, A-4	---	5-40	45-75	30-65	20-55	10-40	15-30	NP-7
	20-32	Very channery sandy loam, very channery fine sandy loam, channery loam	GC-GM, SM, SC-SM, GM	A-2, A-4	---	10-50	45-75	30-65	20-55	10-40	15-30	NP-7
	32-36	Weathered bedrock			---	---	---	---	---	---	---	---
LhC2:												
Lehew----------	0-6	Channery loam	CL-ML, GM, ML, SM	A-4, A-2	0	5-30	50-80	45-70	40-65	25-60	15-30	NP-7
	6-20	Very channery sandy loam, channery fine sandy loam, channery loam	GC-GM, GM, SC-SM, SM	A-2, A-4	---	5-40	45-75	30-65	20-55	10-40	15-30	NP-7
	20-32	Very channery sandy loam, very channery fine sandy loam, channery loam	GC-GM, SM, SC-SM, GM	A-2, A-4	---	10-50	45-75	30-65	20-55	10-40	15-30	NP-7
	32-36	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
LhE:												
Lehew----------	0-6	Channery loam	SM, CL-ML, GM, ML	A-2, A-4	0	5-30	50-80	45-70	40-65	25-60	15-30	NP-7
	6-20	Very channery sandy loam, channery fine sandy loam, channery loam	GM, SC-SM, SM, GC-GM	A-2, A-4	---	5-40	45-75	30-65	20-55	10-40	15-30	NP-7
	20-32	Very channery sandy loam, very channery fine sandy loam, channery loam	GM, GC-GM, SM, SC-SM	A-2, A-4	---	10-50	45-75	30-65	20-55	10-40	15-30	NP-7
	32-36	Weathered bedrock			---	---	---	---	---	---	---	---
Lehew----------	0-6	Channery loam	CL-ML, GM, ML, SM	A-2, A-4	0	5-30	50-80	45-70	40-65	25-60	15-30	NP-7
	6-20	Very channery sandy loam, channery fine sandy loam, channery loam	GC-GM, GM, SC-SM, SM	A-2, A-4	---	5-40	45-75	30-65	20-55	10-40	15-30	NP-7
	20-32	Very channery sandy loam, very channery fine sandy loam, channery loam	GM, SC-SM, SM, GC-GM	A-2, A-4	---	10-50	45-75	30-65	20-55	10-40	15-30	NP-7
	32-36	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
LlB:												
Lehew----------	0-6	Very stony loam	CL-ML, SM, ML, GM	A-2, A-4	---	5-25	50-90	45-80	40-75	20-55	15-30	NP-7
	6-20	Very channery sandy loam, channery fine sandy loam, channery loam	GC-GM, GM, SC-SM, SM	A-2, A-4	---	5-40	45-75	30-65	20-55	10-40	15-30	NP-7
	20-32	Very channery sandy loam, very channery fine sandy loam, channery loam	GC-GM, GM, SC-SM, SM	A-2, A-4	---	10-50	45-75	30-65	20-55	10-40	15-30	NP-7
	32-36	Weathered bedrock			---	---	---	---	---	---	---	---
LlD:												
Lehew----------	0-6	Very stony loam	CL-ML, SM, ML, GM	A-2, A-4	1-5	3-15	50-90	45-80	40-75	20-55	15-30	NP-7
	6-20	Very channery sandy loam, channery fine sandy loam, channery loam	SM, GC-GM, GM, SC-SM	A-2, A-4	0-5	5-40	45-75	30-65	20-55	10-40	15-30	NP-7
	20-32	Very channery sandy loam, very channery fine sandy loam, channery loam	GC-GM, SM, SC-SM, GM	A-2, A-4	0-5	10-50	45-75	30-65	20-55	10-40	15-30	NP-7
	32-36	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Lehew----------	0-6	Very stony loam	SM, CL-ML, GM, ML	A-2, A-4	1-5	3-15	50-90	45-80	40-75	20-55	15-30	NP-7
	6-20	Very channery sandy loam, channery fine sandy loam, channery loam	GC-GM, GM, SC-SM, SM	A-2, A-4	0-5	5-40	45-75	30-65	20-55	10-40	15-30	NP-7
	20-32	Very channery sandy loam, very channery fine sandy loam, channery loam	SC-SM, SM, GM, GC-GM	A-2, A-4	0-5	10-50	45-75	30-65	20-55	10-40	15-30	NP-7
	32-36	Weathered bedrock			---	---	---	---	---	---	---	---
Lm:												
Lickdale--------	0-10	Silt loam	ML	A-4	---	---	90-100	85-100	70-95	65-90	---	---
	10-32	Silt loam, silty clay loam, sandy clay loam	ML	A-4, A-6, A-7	---	0-5	70-100	70-100	60-90	55-85	---	---
	32-46	Loam, gravelly sandy loam, sandy clay loam	ML, SM	A-2, A-4, A-6	---	0-10	65-95	55-90	50-85	20-85	---	---
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---
Ln:												
Lindside--------	0-8	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	95-100	80-100	55-90	20-35	2-15
	8-44	Silty clay loam, silt loam, very fine sandy loam	CL-ML, CL	A-4, A-6	0	0	100	95-100	90-100	70-95	25-40	4-18
	44-60	Stratified silty clay loam to gravelly sandy loam	CL, SC	A-2, A-4, A-6	0	0	60-100	55-100	45-100	30-95	20-40	4-18

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
LsB2:												
Litz----------	0-12	Channery silt loam	ML, CL, GC, GM	A-2, A-4	3-5	7-20	60-85	30-75	30-70	30-65	15-25	NP-10
	12-24	Very channery silt loam, channery silty clay loam	GC, GC-GM, GM	A-2, A-4, A-6	4-7	15-20	40-60	15-60	14-50	13-45	15-30	NP-15
	24-28	Weathered bedrock			---	---	---	---	---	---	---	---
LsC2:												
Litz----------	0-12	Channery silt loam	GC, CL, ML, GM	A-2, A-4	3-5	7-20	60-85	30-75	30-70	30-65	15-25	NP-10
	12-24	Very channery silt loam, channery silty clay loam	GM, GC-GM, GC	A-2, A-4, A-6	4-7	15-20	40-60	15-60	14-50	13-45	15-30	NP-15
	24-28	Weathered bedrock			---	---	---	---	---	---	---	---
LsD2:												
Litz----------	0-12	Channery silt loam	GC, GM, ML, CL	A-2, A-4	3-5	7-20	60-85	30-75	30-70	30-65	15-25	NP-10
	12-24	Very channery silt loam, channery silty clay loam	GC, GM, GC-GM	A-2, A-4, A-6	4-7	15-20	40-60	15-60	14-50	13-45	15-30	NP-15
	24-28	Weathered bedrock			---	---	---	---	---	---	---	---
Litz----------	0-12	Channery silt loam	ML, GM, CL, GC	A-2, A-4	3-5	7-20	60-85	30-75	30-70	30-65	15-25	NP-10
	12-24	Very channery silt loam, channery silty clay loam	GC, GC-GM, GM	A-2, A-4, A-6	4-7	15-20	40-60	15-60	14-50	13-45	15-30	NP-15
	24-28	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
LsE:												
Litz----------	0-12	Channery silt loam	CL, ML, GM, GC	A-2, A-4	3-5	7-20	60-85	30-75	30-70	30-65	15-25	NP-10
	12-24	Very channery silt loam, channery silty clay loam	GM, GC-GM, GC	A-2, A-4, A-6	4-7	15-20	40-60	15-60	14-50	13-45	15-30	NP-15
	24-28	Weathered bedrock			---	---	---	---	---	---	---	---
Litz----------	0-12	Channery silt loam	GC, CL, GM, ML	A-2, A-4	3-5	7-20	60-85	30-75	30-70	30-65	15-25	NP-10
	12-24	Very channery silt loam, channery silty clay loam	GC, GC-GM, GM	A-2, A-4, A-6	4-7	15-20	40-60	15-60	14-50	13-45	15-30	NP-15
	24-28	Weathered bedrock			---	---	---	---	---	---	---	---
LyB:												
Loysville-------	0-8	Channery silt loam	ML	A-4, A-6	---	0-20	75-85	60-80	55-70	50-70	---	---
	8-24	Cherty silty clay loam, silt loam	ML	A-4, A-6, A-7	---	0-20	70-90	65-85	60-80	55-75	---	---
	24-36	Cherty clay loam, silty clay loam, silt loam	ML, GM	A-7, A-4, A-6	---	5-20	60-85	55-80	45-80	35-75	---	---
	36-60	Cherty silty clay loam, cherty loam	ML, GM	A-2, A-4, A-6, A-7	---	10-25	55-75	50-70	40-70	30-65	---	---
McB2:												
Meckesville-----	0-7	Silt loam	ML	A-4	0	0-10	90-100	85-95	70-85	55-70	30-40	5-10
	7-31	Loam, channery silt loam, gravelly silty clay loam	ML, CL	A-4, A-6	---	0-20	60-100	60-95	60-90	55-70	25-40	2-15
	31-70	Loam, channery silt loam, gravelly clay loam	SC, CL-ML, GM, ML	A-2, A-4	---	0-20	45-95	40-90	35-85	30-65	20-30	2-10
	70-96	Loam, channery silt loam, gravelly clay loam	GM, CL-ML, ML, SC	A-2, A-4	---	0-50	45-90	30-85	30-85	25-60	20-30	2-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
McC2:												
Meckesville-----	0-7	Silt loam	ML	A-4	0	0-10	90-100	85-95	70-85	55-70	30-40	5-10
	7-31	Loam, channery silt loam, gravelly silty clay loam	ML, CL	A-4, A-6	---	0-20	60-100	60-95	60-90	55-70	25-40	2-15
	31-70	Loam, channery silt loam, gravelly clay loam	SC, ML, CL-ML, GM	A-2, A-4	---	0-20	45-95	40-90	35-85	30-65	20-30	2-10
	70-96	Loam, channery silt loam, gravelly clay loam	SC, ML, GM, CL-ML	A-2, A-4	---	0-50	45-90	30-85	30-85	25-60	20-30	2-10
McD2:												
Meckesville-----	0-7	Silt loam	ML	A-4	0	0-10	90-100	85-95	70-85	55-70	30-40	5-10
	7-31	Loam, channery silt loam, gravelly silty clay loam	ML, CL	A-4, A-6	---	0-20	60-100	60-95	60-90	55-70	25-40	2-15
	31-70	Loam, channery silt loam, gravelly clay loam	ML, SC, GM, CL-ML	A-2, A-4	---	0-20	45-95	40-90	35-85	30-65	20-30	2-10
	70-96	Loam, channery silt loam, gravelly clay loam	SC, ML, CL-ML, GM	A-2, A-4	---	0-50	45-90	30-85	30-85	25-60	20-30	2-10
MdC:												
Meckesville-----	0-7	Very stony silt loam	ML	A-4	---	3-15	80-100	70-95	65-85	55-80	0-14	---
	7-31	Loam, channery silt loam, gravelly silty clay loam	ML, CL	A-4, A-6	---	0-20	60-100	60-95	60-90	55-70	25-40	2-15
	31-70	Loam, channery silt loam, gravelly clay loam	SC, ML, GM, CL	A-2, A-4	---	0-20	45-95	40-90	35-85	30-65	20-30	2-10
	70-96	Loam, channery silt loam, gravelly clay loam	CL, GM, ML, SC	A-2, A-4	---	0-50	45-90	30-85	30-85	25-60	20-30	2-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
MdD:												
Meckesville-----	0-7	Very stony silt loam	ML	A-4	---	3-15	80-100	70-95	65-85	55-80	0-14	---
	7-31	Loam, channery silt loam, gravelly silty clay loam	CL, ML	A-4, A-6	---	0-20	60-100	60-95	60-90	55-70	25-40	2-15
	31-70	Loam, channery silt loam, gravelly clay loam	SC, ML, CL, GM	A-2, A-4	---	0-20	45-95	40-90	35-85	30-65	20-30	2-10
	70-96	Loam, channery silt loam, gravelly clay loam	SC, GM, ML, CL	A-2, A-4	---	0-50	45-90	30-85	30-85	25-60	20-30	2-10
Me:												
Melvin----------	0-9	Silt loam	CL-ML, ML	A-4	0	0	95-100	90-100	80-100	80-95	25-35	4-10
	9-30	Silt loam, silty clay loam	CL-ML, CL	A-4, A-6	0	0	95-100	90-100	80-100	80-98	25-40	5-20
	30-62	Silt loam, silty clay loam, loam	CL, CL-ML	A-4, A-6	0	0	85-100	80-100	70-100	60-98	25-40	5-20
MhA:												
Monongahela-----	0-12	Silt loam	SM, CL-ML, ML, SC-SM	A-4	0	0-5	90-100	85-100	75-100	45-90	20-35	1-10
	12-22	Silt loam, clay loam, gravelly loam	CL, CL-ML	A-4, A-6	0	0-15	90-100	80-100	75-100	70-90	20-40	5-15
	22-52	Silt loam, sandy clay loam, gravelly loam	CL, ML, SC, SM	A-4, A-6	0	0-10	80-100	60-100	55-95	45-95	20-40	3-15
	52-60	Silt loam, clay loam, gravelly sandy loam	ML, SC, SM, CL	A-4, A-6	0	10-20	75-100	60-90	60-85	40-85	20-40	1-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
MhB2:												
Monongahela-----	0-12	Silt loam	SM, CL-ML, ML, SC-SM	A-4	0	0-5	90-100	85-100	75-100	45-90	20-35	1-10
	12-22	Silt loam, clay loam, gravelly loam	CL, CL-ML	A-4, A-6	0	0-15	90-100	80-100	75-100	70-90	20-40	5-15
	22-52	Silt loam, sandy clay loam, gravelly loam	ML, SC, SM, CL	A-4, A-6	0	0-10	80-100	60-100	55-95	45-95	20-40	3-15
	52-60	Silt loam, clay loam, gravelly sandy loam	CL, ML, SC, SM	A-4, A-6	0	10-20	75-100	60-90	60-85	40-85	20-40	1-15
MhC2:												
Monongahela-----	0-12	Silt loam	SM, SC-SM, CL-ML, ML	A-4	0	0-5	90-100	85-100	75-100	45-90	20-35	1-10
	12-22	Silt loam, clay loam, gravelly loam	CL-ML, CL	A-4, A-6	0	0-15	90-100	80-100	75-100	70-90	20-40	5-15
	22-52	Silt loam, sandy clay loam, gravelly loam	CL, ML, SC, SM	A-4, A-6	0	0-10	80-100	60-100	55-95	45-95	20-40	3-15
	52-60	Silt loam, clay loam, gravelly sandy loam	CL, ML, SC, SM	A-4, A-6	0	10-20	75-100	60-90	60-85	40-85	20-40	1-15
NoA:												
Nolo----------	0-8	Silt loam	ML	A-4	0	0-5	90-100	90-100	80-100	55-90	0-14	---
	8-18	Silt loam, channery clay loam, channery sandy clay loam	CL-ML, ML	A-4, A-6	0	0-15	80-100	80-100	80-95	55-85	25-40	4-11
	18-46	Loam, channery sandy clay loam, channery clay loam	SC, GC, CL, CL-ML	A-4, A-6	---	0-15	60-100	60-90	55-85	35-70	25-35	4-11
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
NoB:												
Nolo----------	0-8	Silt loam	ML	A-4	0	0-5	90-100	90-100	80-100	55-90	0-14	---
	8-18	Silt loam, channery clay loam, channery sandy clay loam	ML, CL-ML	A-4, A-6	0	0-15	80-100	80-100	80-95	55-85	25-40	4-11
	18-46	Loam, channery sandy clay loam, channery clay loam	CL, GC, SC, CL-ML	A-4, A-6	---	0-15	60-100	60-90	55-85	35-70	25-35	4-11
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---
NoC2:												
Nolo----------	0-8	Silt loam	ML	A-4	0	0-5	90-100	90-100	80-100	55-90	0-14	---
	8-18	Silt loam, channery clay loam, channery sandy clay loam	CL-ML, ML	A-4, A-6	0	0-15	80-100	80-100	80-95	55-85	25-40	4-11
	18-46	Loam, channery sandy clay loam, channery clay loam	SC, CL, CL-ML, GC	A-4, A-6	---	0-15	60-100	60-90	55-85	35-70	25-35	4-11
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---
NsC:												
Nolo----------	0-8	Very stony silt loam	ML	A-4	---	3-15	75-100	75-100	70-100	60-90	0-14	---
	8-18	Silt loam, channery clay loam, channery sandy clay loam	CL-ML, ML	A-4, A-6	---	0-15	80-100	80-100	80-95	55-85	25-40	4-11
	18-46	Loam, channery sandy clay loam, channery clay loam	GC, SC, CL-ML, CL	A-4, A-6	---	0-15	60-100	60-90	55-85	35-70	25-35	4-11
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
OpB2:												
Opequon---------	0-8	Flaggy clay loam	CL, CH	A-6, A-7	0	5-20	70-90	65-75	60-70	60-65	35-55	20-30
	8-36	Silty clay, channery clay, shaly silty clay loam	CH, CL	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	ML, GM, SM	A-2, A-6, A-7	0-1	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---
OpC2:												
Opequon---------	0-8	Flaggy clay loam	CH, CL	A-6, A-7	0	5-20	70-90	65-75	60-70	60-65	35-55	20-30
	8-36	Silty clay, channery clay, shaly silty clay loam	CL, CH	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	ML, GM, SM	A-2, A-6, A-7	0-1	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---
OpD2:												
Opequon---------	0-8	Flaggy clay loam	CL, CH	A-6, A-7	0	5-20	70-90	65-75	60-70	60-65	35-55	20-30
	8-36	Silty clay, channery clay, shaly silty clay loam	CL, CH	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	GM, ML, SM	A-2, A-6, A-7	0-1	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Opequon---------	0-8	Channery silty clay loam	CL, CH	A-6, A-7	0	5-20	70-90	65-75	60-70	60-65	35-55	20-30
	8-36	Silty clay, channery clay, shaly silty clay loam	CL, CH	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	ML, GM, SM	A-2, A-6, A-7	0-1	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---
OpE2:												
Opequon---------	0-8	Flaggy clay loam	CH, CL	A-6, A-7	0	5-20	70-90	65-75	60-70	60-65	35-55	20-30
	8-36	Silty clay, channery clay, shaly silty clay loam	CH, CL	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	SM, GM, ML	A-2, A-6, A-7	0-1	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---
Opequon---------	0-8	Flaggy clay loam	CH, CL	A-6, A-7	0	5-20	70-90	65-75	60-70	60-65	35-55	20-30
	8-36	Silty clay, channery clay, shaly silty clay loam	CL, CH	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	SM, ML, GM	A-2, A-6, A-7	0-1	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
OuD:												
Opequon---------	0-8	Flaggy clay loam	CH, CL	A-6, A-7	0	5-20	70-90	65-75	60-70	60-65	35-55	20-30
	8-36	Silty clay, channery clay, shaly silty clay loam	CH, CL	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	SM, ML, GM	A-2, A-6, A-7	0-1	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---
OuE:												
Opequon---------	0-8	Flaggy clay loam	CL, CH	A-6, A-7	0	5-20	70-90	65-75	60-70	60-65	35-55	20-30
	8-36	Silty clay, channery clay, shaly silty clay loam	CH, CL	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	GM, ML, SM	A-2, A-6, A-7	0-1	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---
Opequon---------	0-8	Flaggy clay loam	CH, CL	A-6, A-7	0	5-20	70-90	65-75	60-70	60-65	35-55	20-30
	8-36	Silty clay, channery clay, shaly silty clay loam	CH, CL	A-6, A-7	0	0-10	70-90	65-85	65-85	55-80	35-55	12-30
	36-46	Channery silty clay loam, channery silty clay, shaly clay	GM, ML, SM	A-2, A-6, A-7	0-1	5-20	25-80	20-70	15-60	15-55	35-49	10-20
	46-50	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Ph:												
Philo----------	0-6	Silt loam	CL-ML, ML	A-4	0	0-5	95-100	80-100	80-90	60-80	20-35	1-10
	6-42	Silt loam, loam, sandy loam	SM, ML, CL-ML	A-4	0	0-5	95-100	75-100	70-90	45-80	20-35	1-10
	42-60	Stratified sand to silt loam	SM, ML, GM, CL-ML	A-2, A-4	---	0-5	60-95	50-90	40-85	30-80	15-30	1-10
Pn:												
Pope----------	0-8	Fine sandy loam	CL-ML, SM, SC-SM, ML	A-2, A-4	0	0	85-100	75-100	51-85	25-55	15-20	NP-5
	8-42	Fine sandy loam, sandy loam, loam	SC-SM, ML, SM, CL-ML	A-2, A-4	0	0	95-100	80-100	51-95	25-75	15-30	NP-7
	42-85	Sandy loam, loamy sand	SM, SC-SM, ML, GM	A-1, A-2, A-4	---	0-20	45-100	35-100	30-95	15-70	15-30	NP-7
Ps:												
Pope----------	0-8	Silt loam	SM, ML, CL-ML, CL	A-4	0	0	85-100	75-100	70-100	45-90	15-30	NP-10
	8-42	Fine sandy loam, sandy loam, loam	CL-ML, SC-SM, ML, SM	A-2, A-4	0	0	95-100	80-100	51-95	25-75	15-30	NP-7
	42-85	Sandy loam, loamy sand	SC-SM, SM, GM, ML	A-1, A-2, A-4	---	0-20	45-100	35-100	30-95	15-70	15-30	NP-7
RbB:												
Robertsville----	0-6	Silt loam	ML	A-4	0	0	95-100	95-100	85-100	75-100	25-35	2-10
	6-21	Silt loam, silty clay loam	CL, ML	A-4, A-6, A-7	0	0	95-100	95-100	90-100	80-100	25-45	3-20
	21-45	Silty clay loam, silt loam	CL, ML	A-4, A-6, A-7	0	0	95-100	95-100	90-100	80-100	25-45	3-20
	45-65	Silty clay loam, silty clay, silt loam	CH, CL, CL-ML	A-4, A-6, A-7	---	0-5	80-100	75-100	70-100	60-100	25-60	5-35
Rc:												
Rock Outcrop----	0-60	Unweathered bedrock			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
ShB2:												
Shelocta--------	0-10	Channery silt loam	CL-ML, ML	A-4	0-2	0-5	80-95	75-95	60-95	55-90	15-35	NP-10
	10-46	Silty clay loam, silt loam, channery silty clay loam	SC, GC, CL-ML, CL	A-4, A-6	0-5	0-10	55-95	50-95	45-95	40-90	25-40	4-15
	46-54	Channery silt loam, channery silty clay loam, very channery clay loam	ML, GM, GC, CL	A-1-b, A-2, A-4, A-6	0-10	0-15	40-85	35-70	25-70	20-65	20-40	3-20
ShC2:												
Shelocta--------	0-10	Channery silt loam	ML, CL-ML	A-4	0-2	0-5	80-95	75-95	60-95	55-90	15-35	NP-10
	10-46	Silty clay loam, silt loam, channery silty clay loam	SC, CL, CL-ML, GC	A-4, A-6	0-5	0-10	55-95	50-95	45-95	40-90	25-40	4-15
	46-54	Channery silt loam, channery silty clay loam, very channery clay loam	GC, GM, ML, CL	A-1-b, A-2, A-4, A-6	0-10	0-15	40-85	35-70	25-70	20-65	20-40	3-20
ShD2:												
Shelocta--------	0-10	Channery silt loam	CL-ML, ML	A-4	0-2	0-5	80-95	75-95	60-95	55-90	15-35	NP-10
	10-46	Silty clay loam, silt loam, channery silty clay loam	CL, CL-ML, GC, SC	A-4, A-6	0-5	0-10	55-95	50-95	45-95	40-90	25-40	4-15
	46-54	Channery silt loam, channery silty clay loam, very channery clay loam	CL, GC, ML, GM	A-1-b, A-2, A-4, A-6	0-10	0-15	40-85	35-70	25-70	20-65	20-40	3-20

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Shelocta--------	0-10	Channery silt loam	CL-ML, ML	A-4	0-2	0-5	80-95	75-95	60-95	55-90	15-35	NP-10
	10-46	Silty clay loam, silt loam, channery silty clay loam	GC, SC, CL-ML, CL	A-4, A-6	0-5	0-10	55-95	50-95	45-95	40-90	25-40	4-15
	46-54	Channery silt loam, channery silty clay loam, very channery clay loam	CL, GC, GM, ML	A-1-b, A-2, A-4, A-6	0-10	0-15	40-85	35-70	25-70	20-65	20-40	3-20
SrC:												
Stony Land------	0-8	Extremely stony loam	SM, ML, GM, CL-ML	A-1, A-2, A-4	---	15-30	50-90	45-80	40-75	20-55	10-32	NP-10
	8-29	Channery sandy loam, channery loam, very channery sandy loam	GC-GM, GM, ML, SM	A-1, A-2, A-4	0	5-40	50-85	40-75	40-75	20-55	15-32	NP-9
	29-34	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	GC, GM, SC, SM	A-1, A-2, A-4	---	10-50	45-85	25-75	20-65	15-40	15-32	NP-9
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---
Stony Land------	0-8	Extremely stony loam	CL-ML, GM, SM, ML	A-1, A-2, A-4	---	15-30	50-90	45-80	40-75	20-55	10-32	NP-10
	8-29	Channery sandy loam, channery loam, very channery sandy loam	SM, GM, GC-GM, ML	A-1, A-2, A-4	0	5-40	50-85	40-75	40-75	20-55	15-32	NP-9
	29-34	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	GC, GM, SC, SM	A-1, A-2, A-4	---	10-50	45-85	25-75	20-65	15-40	15-32	NP-9
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
SrF:												
Stony Land------	0-8	Extremely stony loam	CL-ML, GM, ML, SM	A-1, A-2, A-4	---	15-30	50-90	45-80	40-75	20-55	10-32	NP-10
	8-29	Channery sandy loam, channery loam, very channery sandy loam	GM, GC-GM, ML, SM	A-1, A-2, A-4	0	5-40	50-85	40-75	40-75	20-55	15-32	NP-9
	29-34	Channery sandy loam, flaggy sandy loam, very flaggy loamy sand	SM, GC, GM, SC	A-1, A-2, A-4	---	10-50	45-85	25-75	20-65	15-40	15-32	NP-9
	34-38	Unweathered bedrock			---	---	---	---	---	---	---	---
St:												
Strip Mines And Dump----------	0-6	Very channery silt loam	GM, SC-SM, GC, CL	A-1, A-2, A-4	---	0-20	40-80	30-70	20-65	15-60	15-25	NP-10
	6-60	Very shaly silt loam, very channery sandy loam, shaly loam	GC, GM, GW-GM, SC-SM	A-1, A-2	---	0-45	25-80	20-50	10-30	5-30	15-40	NP-15
TyA:												
Tyler----------	0-14	Silt loam	ML	A-4	0	0	100	95-100	90-100	75-95	30-40	4-10
	14-18	Silty clay loam, silt loam	CL	A-7, A-4, A-6	0	0	100	95-100	90-100	80-100	25-45	8-20
	18-59	Silty clay loam, silt loam, clay loam	CL	A-4, A-6, A-7	0	0	90-100	85-100	80-100	65-95	25-45	8-20
	59-70	Stratified gravelly loam to silty clay loam	CL-ML, CL, ML	A-4, A-6, A-7	0	0	85-100	75-100	75-100	55-90	20-45	4-18

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
TyB:												
Tyler----------	0-14	Silt loam	ML	A-4	0	0	100	95-100	90-100	75-95	30-40	4-10
	14-18	Silty clay loam, silt loam	CL	A-4, A-6, A-7	0	0	100	95-100	90-100	80-100	25-45	8-20
	18-59	Silty clay loam, silt loam, clay loam	CL	A-4, A-6, A-7	0	0	90-100	85-100	80-100	65-95	25-45	8-20
	59-70	Stratified gravelly loam to silty clay loam	CL, CL-ML, ML	A-4, A-6, A-7	0	0	85-100	75-100	75-100	55-90	20-45	4-18
W:												
Water----------	---	---	---	---	---	---	---	---	---	---	---	---
WeB2:												
Weikert---------	0-7	Channery silt loam	GM, ML, SM	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Shaly loam, very shaly silt loam, cherty loam	GP-GM, GM	A-1, A-2	---	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---
WeC2:												
Weikert---------	0-7	Channery silt loam	GM, ML, SM	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Shaly loam, very shaly silt loam, cherty loam	GM, GP-GM	A-1, A-2	---	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---
WeE:												
Weikert---------	0-7	Channery silt loam	SM, ML, GM	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Channery loam, very channery silt loam, gravelly loam	GM, GP-GM	A-1, A-2	0-1	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Weathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
Weikert---------	0-7	Channery silt loam	SM, GM, ML	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Channery loam, very channery silt loam, gravelly loam	GM, GP-GM	A-1, A-2	0-1	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Weathered bedrock			---	---	---	---	---	---	---	---
WkD:												
Weikert---------	0-7	Very stony silt loam	GM, ML, SM	A-1, A-2, A-4	---	3-15	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Very channery loam, very channery silt loam, cherty loam	GP-GM, GM	A-1, A-2	0	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Weathered bedrock			---	---	---	---	---	---	---	---
Weikert---------	0-7	Very stony silt loam	SM, ML, GM	A-1, A-2, A-4	---	3-15	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Very channery loam, very channery silt loam, cherty loam	GM, GP-GM	A-1, A-2	0	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Weathered bedrock			---	---	---	---	---	---	---	---
WlB:												
Weikert---------	0-7	Channery silt loam	GM, ML, SM	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Shaly loam, very shaly silt loam, cherty loam	GP-GM, GM	A-1, A-2	---	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
WlC:												
Weikert---------	0-7	Channery silt loam	SM, ML, GM	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Shaly loam, very shaly silt loam, cherty loam	GM, GP-GM	A-1, A-2	---	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
WlE:												
Weikert---------	0-7	Channery silt loam	GM, ML, SM	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Shaly loam, very shaly silt loam, cherty loam	GM, GP-GM	A-1, A-2	---	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---
Urban Land------	0-6	Variable			---	---	---	---	---	---	0-14	---
WnF:												
Gilpin----------	0-8	Channery silt loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	0-30	50-90	45-85	35-75	30-70	20-40	4-15
	8-24	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-4, A-6, A-2	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	24-30	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A-4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	30-34	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Weikert---------	0-7	Channery silt loam	GM, ML, SM	A-1, A-2, A-4	0	0-10	35-70	35-70	25-65	20-55	30-40	4-10
	7-18	Shaly loam, very shaly silt loam, cherty loam	GP-GM, GM	A-1, A-2	---	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	18-22	Unweathered bedrock			---	---	---	---	---	---	---	---
WsB2:												
Westmoreland----	0-7	Silt loam	CL, ML	A-4, A-6	0	0	85-100	80-100	75-95	60-95	15-35	NP-11
	7-36	Silty clay loam, channery loam, shaly silt loam	ML, GM, GC, CL	A-4, A-6, A-7	0	0-15	65-100	55-95	50-90	45-85	22-45	2-20
	36-49	Very channery loam, very channery silt loam, shaly silty clay loam	GC, GM, SC, SM	A-1, A-2, A-4, A-6	0	0-20	25-95	20-95	15-90	15-80	20-40	2-20
	49-53	Unweathered bedrock			---	---	---	---	---	---	---	---
WsC2:												
Westmoreland----	0-7	Silt loam	CL, ML	A-4, A-6	0	0	85-100	80-100	75-95	60-95	15-35	NP-11
	7-36	Silty clay loam, channery loam, shaly silt loam	CL, GC, GM, ML	A-4, A-6, A-7	0	0-15	65-100	55-95	50-90	45-85	22-45	2-20
	36-49	Very channery loam, very channery silt loam, shaly silty clay loam	SM, SC, GM, GC	A-1, A-2, A-4, A-6	0	0-20	25-95	20-95	15-90	15-80	20-40	2-20
	49-53	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas-ticity index
	In				Pct	Pct					Pct	
WsD2:												
Westmoreland----	0-7	Silt loam	CL, ML	A-4, A-6	0	0	85-100	80-100	75-95	60-95	15-35	NP-11
	7-36	Silty clay loam, channery loam, shaly silt loam	CL, GC, GM, ML	A-4, A-6, A-7	0	0-15	65-100	55-95	50-90	45-85	22-45	2-20
	36-49	Very channery loam, very channery silt loam, shaly silty clay loam	GC, GM, SC, SM	A-1, A-2, A-4, A-6	0	0-20	25-95	20-95	15-90	15-80	20-40	2-20
	49-53	Unweathered bedrock			---	---	---	---	---	---	---	---
Westmoreland----	0-7	Silt loam	ML, CL	A-4, A-6	0	0	85-100	80-100	75-95	60-95	15-35	NP-11
	7-36	Silty clay loam, channery loam, shaly silt loam	CL, GC, GM, ML	A-4, A-6, A-7	0	0-15	65-100	55-95	50-90	45-85	22-45	2-20
	36-49	Very channery loam, very channery silt loam, shaly silty clay loam	GC, GM, SC, SM	A-1, A-2, A-4, A-6	0	0-20	25-95	20-95	15-90	15-80	20-40	2-20
	49-53	Unweathered bedrock			---	---	---	---	---	---	---	---
WsE:												
Westmoreland----	0-7	Silt loam	CL, ML	A-4, A-6	0	0	85-100	80-100	75-95	60-95	15-35	NP-11
	7-36	Silty clay loam, channery loam, shaly silt loam	CL, GC, GM, ML	A-4, A-6, A-7	0	0-15	65-100	55-95	50-90	45-85	22-45	2-20
	36-49	Very channery loam, very channery silt loam, shaly silty clay loam	GC, GM, SC, SM	A-1, A-2, A-4, A-6	0	0-20	25-95	20-95	15-90	15-80	20-40	2-20
	49-53	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Westmoreland----	0-7	Silt loam	CL, ML	A-4, A-6	0	0	85-100	80-100	75-95	60-95	15-35	NP-11
	7-36	Silty clay loam, channery loam, shaly silt loam	CL, ML, GM, GC	A-4, A-6, A-7	0	0-15	65-100	55-95	50-90	45-85	22-45	2-20
	36-49	Very channery loam, very channery silt loam, shaly silty clay loam	SM, SC, GM, GC	A-1, A-2, A-4, A-6	0	0-20	25-95	20-95	15-90	15-80	20-40	2-20
	49-53	Unweathered bedrock			---	---	---	---	---	---	---	---