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	
2Hb:												
HOBBS----------	0-18	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	95-100	85-100	25-40	5-20
	18-60	Silt loam, silty clay loam, very fine sandy loam	CL, CL-ML, MH	A-6, A-4, A-7	0	0	100	100	95-100	80-100	25-55	5-25
2Hd:												
HORD----------	0-21	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	95-100	85-100	20-35	3-18
	21-40	Silt loam, silty clay loam, loam	CL	A-4, A-6	0	0	100	100	98-100	85-100	25-40	8-23
	40-60	Silt loam, very fine sandy loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	85-100	25-40	6-21
2HdA:												
HORD----------	0-18	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	95-100	85-100	20-35	3-18
	18-33	Silt loam, silty clay loam, loam	CL	A-4, A-6	0	0	100	100	98-100	85-100	25-40	8-23
	33-60	Silt loam, very fine sandy loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	85-100	25-40	6-21
2Iz:												
BOEL----------	0-8	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	100	85-95	20-40	15-20	NP-5
	8-60	Fine sand, loamy fine sand, coarse sand	SC-SM, SM, SP	A-2, A-3	0	0	100	95-100	85-95	0-25	10-20	NP-5
2ThA:												
BOELUS----------	0-17	Loamy fine sand	SC-SM, SM, SP-SM	A-2	0	0	100	100	50-100	10-35	15-20	NP-5
	17-35	Loamy fine sand, loamy sand, sand	SC-SM, SM, SP-SM	A-2	0	0	100	100	50-100	10-35	15-20	NP-5
	35-60	Silt loam, loam, silty clay loam	CL	A-4, A-6	0	0	100	100	90-100	80-100	30-40	8-18

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	
5ThA:												
THURMAN---------	0-21	Loamy fine sand	SM, SP-SM	A-2, A-4, A-3	0	0	100	100	90-100	5-40	15-20	NP-5
	21-26	Loamy fine sand, loamy sand	SM, SP-SM	A-3, A-2, A-4	0	0	100	100	90-100	5-40	15-20	NP-5
	26-60	Fine sand, sand, very fine sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-95	5-35	15-20	NP-5
Be:												
BELFORE---------	0-6	Silt loam	CL, ML	A-4, A-6	0	0	100	100	100	95-100	30-40	5-15
	6-49	Silty clay, silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	45-60	20-30
	49-60	Silty clay loam, silt loam	CH, CL	A-7, A-6	0	0	100	100	100	95-100	35-55	15-30
BO:												
PSAMMENTS-------	0-60	Fine sand	SM, SP, SP-SM	A-2, A-3	0	0	100	100	78-100	2-25	0-20	NP
CfD2:												
CROFTON---------	0-4	Silt loam	CL, ML	A-7, A-6	0	0	100	100	95-100	95-100	35-50	10-25
	4-60	Silt loam	CL	A-7, A-6	0	0	100	95-100	95-100	95-100	30-50	5-25
CfE2:												
CROFTON---------	0-4	Silt loam	CL, ML	A-7, A-6	0	0	100	100	95-100	95-100	35-50	10-25
	4-60	Silt loam	CL	A-7, A-6	0	0	100	95-100	95-100	95-100	30-50	5-25
CNC2:												
CROFTON---------	0-4	Silt loam	CL, ML	A-7, A-6	0	0	100	100	95-100	95-100	35-50	10-25
	4-60	Silt loam	CL	A-7, A-6	0	0	100	95-100	95-100	95-100	30-50	5-25
NORA VARIANT----	0-7	Silt loam	CL, ML	A-6, A-4, A-7	0	0	100	100	95-100	85-100	30-46	7-23
	7-29	Silty clay loam	CH, CL	A-6, A-7	0	0	100	100	95-100	95-100	32-55	11-30
	29-60	Silt loam, silty clay loam	CL, CL-ML, ML	A-4, A-7, A-6	0	0	100	100	95-100	85-100	20-50	5-20
CND2:												
CROFTON---------	0-4	Silt loam	CL, ML	A-7, A-6	0	0	100	100	95-100	95-100	35-50	10-25
	4-60	Silt loam	CL	A-7, A-6	0	0	100	95-100	95-100	95-100	30-50	5-25

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	
NORA----------	0-7	Silt loam	CL, ML	A-6, A-4, A-7	0	0	100	100	95-100	85-100	30-46	7-23
	7-25	Silt loam, silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	95-100	85-100	35-50	11-20
	25-60	Silt loam, silty clay loam	CL, CL-ML, ML	A-4, A-7, A-6	0	0	95-100	95-100	95-100	85-100	27-50	6-20
CNE:												
CROFTON---------	0-4	Silt loam	CL, ML	A-7, A-6	0	0	100	100	95-100	95-100	35-50	10-25
	4-60	Silt loam	CL	A-6, A-7	0	0	100	95-100	95-100	95-100	30-50	5-25
NORA----------	0-7	Silt loam	CL, ML	A-6, A-4, A-7	0	0	100	100	95-100	85-100	30-46	7-23
	7-23	Silt loam, silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	95-100	85-100	35-50	11-20
	23-60	Silt loam, silty clay loam	CL, CL-ML, ML	A-4, A-7, A-6	0	0	95-100	95-100	95-100	85-100	27-50	6-20
Cz:												
CASS----------	0-13	Loam	CL, CL-ML	A-6, A-4	0	0	95-100	95-100	85-95	60-75	25-40	5-15
	13-19	Fine sandy loam, sandy loam, very fine sandy loam	SC-SM, SM	A-4, A-2	0	0	100	95-100	85-95	20-50	15-20	NP-5
	19-60	Loamy fine sand, fine sand, coarse sand	SM, SP-SM	A-3, A-2	0	0	95-100	95-100	50-75	5-30	5-15	NP-5
Ea:												
ELSMERE---------	0-12	Loamy fine sand	SM, SP-SM	A-3, A-2	0	0	100	100	70-100	5-35	10-20	NP-5
	12-21	Loamy fine sand, loamy sand	SM, SP-SM	A-3, A-2	0	0	100	100	60-100	5-30	5-15	NP-5
	21-60	Fine sand, sand	SM, SP-SM	A-3, A-2	0	0	100	100	60-100	5-30	5-15	NP-5
Eb:												
ELSMERE---------	0-10	Fine sand	SM, SP-SM	A-3, A-2	0	0	100	100	60-100	5-30	5-15	NP-5
	10-19	Loamy fine sand, loamy sand	SM, SP-SM	A-3, A-2	0	0	100	100	60-100	5-30	5-15	NP-5
	19-60	Fine sand, sand	SM, SP-SM	A-3, A-2	0	0	100	100	60-100	5-30	5-15	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	
Fm:												
FILLMORE--------	0-20	Silt loam	CL, CL-ML, ML	A-6, A-4	0	0	100	100	95-100	95-100	20-40	2-20
	20-58	Silty clay, clay	CH	A-7	0	0	100	100	100	95-100	50-75	30-45
	58-60	Silty clay loam, silty clay	CH, CL	A-6, A-7	0	0	100	100	100	95-100	35-60	20-40
Ga:												
GANNETT---------	0-10	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	100	95-100	30-50	15-25	NP-5
	10-30	Fine sandy loam, sandy loam, loam	CL, ML, SC, SM	A-2, A-6, A-4	0	0	100	100	95-100	30-65	15-35	NP-15
	30-60	Fine sand, loamy sand, sand	SM, SP-SM	A-3, A-2	0	0	100	100	90-100	5-15	15-20	NP
GP:												
Pits----------	0-60	Gravelly sand	GP-GM, SM, SP, SP-SM	A-1, A-2, A-3	---	0-5	45-100	40-100	0-80	0-40	0-14	NP
Ha:												
HALL----------	0-13	Silt loam	CL, CL-ML, ML	A-6, A-4	0	0	100	100	95-100	95-100	25-40	3-18
	13-44	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	95-100	95-100	35-50	15-30
	44-60	Silt loam, silty clay loam	CL, CL-ML	A-6, A-4	0	0	100	100	95-100	90-100	25-40	5-20
HaA:												
HALL----------	0-12	Silt loam	CL, CL-ML, ML	A-6, A-4	0	0	100	100	95-100	95-100	25-40	3-18
	12-37	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	95-100	95-100	35-50	15-30
	37-60	Silt loam, silty clay loam	CL, CL-ML	A-6, A-4	0	0	100	100	95-100	90-100	25-40	5-20
Hb:												
SHELL----------	0-18	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	95-100	90-100	25-40	6-18
	18-44	Silt loam, silty clay loam, loam	CL	A-6	0	0	100	100	95-100	90-100	25-40	10-25
	44-60	Silt loam, loam, silty clay loam	CL	A-6	0	0	100	100	95-100	90-100	25-40	10-25

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	
Hd:												
HORD----------	0-16	Silt loam	CL, CL-ML, ML	A-6, A-4	0	0	100	100	95-100	85-100	20-35	3-18
	16-42	Silt loam, silty clay loam, loam	CL	A-6, A-4	0	0	100	100	98-100	85-100	25-40	8-23
	42-60	Silt loam, very fine sandy loam, silty clay loam	CL, CL-ML	A-6, A-4	0	0	100	100	100	85-100	25-40	6-21
HdA:												
HORD----------	0-14	Silt loam	CL, CL-ML, ML	A-6, A-4	0	0	100	100	95-100	85-100	20-35	3-18
	14-38	Silt loam, silty clay loam, loam	CL	A-6, A-4	0	0	100	100	98-100	85-100	25-40	8-23
	38-60	Silt loam, very fine sandy loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	85-100	25-40	6-21
HdB:												
HORD----------	0-12	Silt loam	CL, CL-ML, ML	A-6, A-4	0	0	100	100	95-100	85-100	20-35	3-18
	12-30	Silt loam, silty clay loam, loam	CL	A-6, A-4	0	0	100	100	98-100	85-100	25-40	8-23
	30-60	Silt loam, very fine sandy loam, silty clay loam	CL, CL-ML	A-6, A-4	0	0	100	100	100	85-100	25-40	6-21
HO:												
HORD----------	0-18	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	100	100	70-100	40-55	15-25	NP-5
	18-40	Silt loam, silty clay loam, loam	CL	A-4, A-6	0	0	100	100	98-100	85-100	25-40	8-23
	40-60	Silt loam, very fine sandy loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	85-100	25-40	6-21

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	
ORTELLO---------	0-15	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	100	100	70-85	35-55	15-25	NP-5
	15-31	Fine sandy loam, sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	100	100	70-85	35-55	15-25	NP-5
	31-60	Silt loam, loam	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	70-90	20-40	4-20
HSzA:												
HALL----------	0-13	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	95-100	95-100	25-40	3-18
	13-44	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	95-100	95-100	35-50	15-30
	44-60	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	90-100	25-40	5-20
GAYVILLE--------	0-6	Silt loam	CL, ML	A-4, A-6	0	0	100	100	95-100	85-100	25-40	3-15
	6-30	Silty clay loam, silty clay	CL	A-6, A-7	0	0	100	100	95-100	85-100	35-50	22-30
	30-60	Silty clay loam	CL	A-4, A-7, A-6	0	0	100	100	95-100	85-100	30-45	8-20
INT:												
Aquolls---------	0-72	Variable			---	---	---	---	---	---	---	---
Iz:												
INAVALE---------	0-4	Loamy fine sand	SC-SM, SM, SP-SM	A-3, A-2	0	0	100	100	85-95	5-35	15-25	NP-5
	4-8	Fine sand, loamy fine sand, loamy sand	SC-SM, SM, SP-SM	A-3, A-2	0	0	100	90-100	65-85	5-30	15-25	NP-5
	8-30	Fine sand, loamy fine sand, loamy sand	SC-SM, SM, SP-SM	A-3, A-2	0	0	100	100	70-90	5-30	15-25	NP-5
	30-60	Fine sand, loamy fine sand, loamy sand	SC-SM, SM, SP-SM	A-3, A-2	0	0	100	90-100	65-85	5-30	15-25	NP-5
Lb:												
LAMO----------	0-15	Silty clay loam	CH, CL	A-4, A-7, A-6	0	0	100	100	95-100	80-95	25-55	8-25
	15-80	Silty clay loam, silt loam	CH, CL	A-7, A-6	0	0	100	100	95-100	85-95	30-55	11-25

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	
Le:												
LESHARA---------	0-13	Silt loam	CL, CL-ML, ML	A-6, A-4	0	0	100	100	90-100	60-90	20-35	3-15
	13-34	Silt loam, loam, very fine sandy loam	CL, CL-ML, ML	A-6, A-4	0	0	100	100	90-100	60-90	20-35	3-15
	34-60	Silt loam, loam, clay loam	CL, CL-ML, ML	A-6, A-4	0	0	100	100	90-100	60-90	20-35	3-15
Lh:												
CROFTON---------	0-4	Silt loam	CL, ML	A-7, A-6	0	0	100	100	95-100	95-100	35-50	10-25
	4-60	Silt loam	CL	A-7, A-6	0	0	100	95-100	95-100	95-100	30-50	5-25
LlB2:												
LORETTO---------	0-8	Loam	CL, CL-ML	A-6, A-4	0	0	100	100	85-100	60-90	25-40	5-15
	8-32	Loam, silt loam, silty clay loam	CL	A-7, A-6	0	0	100	100	85-100	80-100	30-45	11-25
	32-60	Loam, silt loam, silty clay loam	CL	A-6, A-4, A-7	0	0	100	100	80-100	80-100	30-47	8-25
Lm:												
LOUP----------	0-10	Loam	CL, CL-ML	A-6, A-4	0	0	100	100	90-100	55-80	15-35	4-15
	10-60	Fine sand, loamy sand, sand	SM, SP-SM	A-3, A-2	0	0	100	100	65-100	5-20	10-20	NP-5
LNC2:												
LORETTO---------	0-12	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	100	70-100	20-40	15-25	NP-5
	12-36	Loam, silt loam, silty clay loam	CL	A-6, A-7	0	0	100	100	85-100	80-100	30-45	11-25
	36-60	Loam, silt loam, silty clay loam	CL	A-4, A-7, A-6	0	0	100	100	80-100	80-100	30-47	8-25
NORA----------	0-12	Fine sandy loam	SC-SM, SM	A-4, A-2	0	0	100	100	70-100	20-40	15-25	NP-5
	12-30	Loam, silt loam, silty clay loam	CL	A-7, A-6	0	0	100	100	85-100	80-100	30-45	11-25
	30-60	Loam, silt loam, silty clay loam	CL	A-6, A-4, A-7	0	0	100	100	80-100	80-100	30-47	8-25

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	
LvA2:												
LORETTO---------	0-18	Fine sandy loam	SC-SM, SM	A-4, A-2	0	0	100	100	70-100	20-40	15-25	NP-5
	18-42	Loam, silt loam, silty clay loam	CL	A-7, A-6	0	0	100	100	85-100	80-100	30-45	11-25
	42-60	Loam, silt loam, silty clay loam	CL	A-6, A-4, A-7	0	0	100	100	80-100	80-100	30-47	8-25
LvB2:												
LORETTO---------	0-18	Fine sandy loam	SC-SM, SM	A-2, A-4	0	0	100	100	70-100	20-40	15-25	NP-5
	18-42	Loam, silt loam, silty clay loam	CL	A-6, A-7	0	0	100	100	85-100	80-100	30-45	11-25
	42-60	Loam, silt loam, silty clay loam	CL	A-6, A-4, A-7	0	0	100	100	80-100	80-100	30-47	8-25
M-W:												
Miscellaneous water----------	---	---	---	---	---	---	---	---	---	---	---	---
MA:												
FLUVAQUENTS-----	0-60	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	85-100	60-95	25-35	5-15
MoA:												
MOODY----------	0-12	Silty clay loam	CL	A-7, A-6	0	0	100	100	95-100	95-100	35-50	13-25
	12-48	Silty clay loam	CH, CL	A-7, A-6	0	0	100	100	95-100	95-100	32-55	11-30
	48-60	Silt loam	CL, CL-ML, ML	A-6, A-4, A-7	0	0	100	100	95-100	85-100	20-50	5-20
MoA2:												
MOODY----------	0-10	Silty clay loam	CL	A-6, A-7	0	0	100	100	95-100	95-100	35-50	13-25
	10-40	Silty clay loam	CH, CL	A-6, A-7	0	0	100	100	95-100	95-100	32-55	11-30
	40-60	Silt loam	CL, CL-ML, ML	A-4, A-7, A-6	0	0	100	100	95-100	85-100	20-50	5-20
MoB2:												
MOODY----------	0-8	Silty clay loam	CL	A-6, A-7	0	0	100	100	95-100	95-100	35-50	13-25
	8-36	Silty clay loam	CH, CL	A-7, A-6	0	0	100	100	95-100	95-100	32-55	11-30
	36-60	Silt loam	CL, CL-ML, ML	A-6, A-4, A-7	0	0	100	100	95-100	85-100	20-50	5-20

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	
NCD:												
NORA----------	0-9	Silt loam	CL, ML	A-4, A-7, A-6	0	0	100	100	95-100	85-100	30-46	7-23
	9-27	Silt loam, silty clay loam	CL, ML	A-6, A-7	0	0	95-100	95-100	95-100	85-100	35-50	11-20
	27-60	Silt loam, silty clay loam	CL, CL-ML, ML	A-6, A-4, A-7	0	0	95-100	95-100	95-100	85-100	27-50	6-20
CROFTON---------	0-4	Silt loam	CL, ML	A-6, A-7	0	0	100	100	95-100	95-100	35-50	10-25
	4-60	Silt loam	CL	A-6, A-7	0	0	100	95-100	95-100	95-100	30-50	5-25
NMB2:												
NORA----------	0-10	Silt loam	CL, ML	A-4, A-7, A-6	0	0	100	100	95-100	85-100	30-46	7-23
	10-34	Silt loam, silty clay loam	CL, ML	A-7, A-6	0	0	95-100	95-100	95-100	85-100	35-50	11-20
	34-60	Silt loam, silty clay loam	CL, CL-ML, ML	A-6, A-4, A-7	0	0	95-100	95-100	95-100	85-100	27-50	6-20
MOODY----------	0-8	Silt loam	CL, ML	A-4, A-7, A-6	0	0	100	100	95-100	85-100	30-45	7-20
	8-36	Silty clay loam	CH, CL	A-6, A-7	0	0	100	100	95-100	95-100	32-55	11-30
	36-60	Silt loam	CL, CL-ML, ML	A-6, A-4, A-7	0	0	100	100	95-100	85-100	20-50	5-20
NoC:												
NORA----------	0-10	Silt loam	CL, ML	A-4, A-7, A-6	0	0	100	100	95-100	85-100	30-46	7-23
	10-32	Silt loam, silty clay loam	CL, ML	A-7, A-6	0	0	95-100	95-100	95-100	85-100	35-50	11-20
	32-60	Silt loam, silty clay loam	CL, CL-ML, ML	A-6, A-4, A-7	0	0	95-100	95-100	95-100	85-100	27-50	6-20
NoC2:												
NORA VARIANT----	0-8	Silt loam	CL, ML	A-4, A-7, A-6	0	0	100	100	95-100	85-100	30-46	7-23
	8-28	Silty clay loam	CH, CL	A-7, A-6	0	0	100	100	95-100	95-100	32-55	11-30
	28-60	Silt loam, silty clay loam	CL, CL-ML, ML	A-6, A-4, A-7	0	0	100	100	95-100	85-100	20-50	5-20

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	
Sx:												
INAVALE---------	0-8	Loamy sand	SC-SM, SM, SP-SM	A-2, A-3	0	0	100	100	85-95	5-35	15-25	NP-5
	8-17	Fine sand, loamy fine sand, loamy sand	SC-SM, SM, SP-SM	A-2, A-3	0	0	100	90-100	65-85	5-30	15-25	NP-5
	17-40	Fine sand, loamy fine sand, loamy sand	SC-SM, SM, SP-SM	A-2, A-3	0	0	100	100	70-90	5-30	15-25	NP-5
	40-80	Fine sand, loamy fine sand, loamy sand	SC-SM, SM, SP-SM	A-2, A-3	0	0	100	90-100	65-85	5-30	15-25	NP-5
Sy:												
HOBBS----------	0-7	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	85-100	25-40	5-20
	7-34	Stratified silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	85-100	25-40	5-20
	34-80	Silt loam, silty clay loam, very fine sandy loam	CL, CL-ML, MH	A-4, A-7, A-6	0	0	100	100	95-100	80-100	25-55	5-25
ThA:												
THURMAN---------	0-17	Loamy fine sand	SM, SP-SM	A-2, A-4, A-3	0	0	100	100	90-100	5-40	15-20	NP-5
	17-23	Loamy fine sand, loamy sand	SP-SM, SM	A-3, A-2, A-4	0	0	100	100	90-100	5-40	15-20	NP-5
	23-60	Fine sand, sand, very fine sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-95	5-35	15-20	NP-5
ThB:												
THURMAN---------	0-17	Loamy fine sand	SM, SP-SM	A-2, A-4, A-3	0	0	100	100	90-100	5-40	15-20	NP-5
	17-23	Loamy fine sand, loamy sand	SM, SP-SM	A-4, A-3, A-2	0	0	100	100	90-100	5-40	15-20	NP-5
	23-60	Fine sand, sand, very fine sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-95	5-35	15-20	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	
ThC:												
THURMAN---------	0-14	Loamy fine sand	SP-SM, SM	A-2, A-4, A-3	0	0	100	100	90-100	5-40	15-20	NP-5
	14-23	Loamy fine sand, loamy sand	SM, SP-SM	A-3, A-2, A-4	0	0	100	100	90-100	5-40	15-20	NP-5
	23-60	Fine sand, sand, very fine sand	SP-SM, SM	A-2, A-3	0	0	100	100	50-95	5-35	15-20	NP-5
TV:												
THURMAN---------	0-14	Fine sand	SM, SP-SM	A-3, A-2	0	0	100	100	50-95	5-35	15-20	NP-5
	14-23	Loamy fine sand, loamy sand	SM, SP-SM	A-3, A-2, A-4	0	0	100	100	90-100	5-40	15-20	NP-5
	23-60	Fine sand, sand, very fine sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-95	5-35	15-20	NP-5
VALENTINE-------	0-4	Fine sand	SM, SP, SP-SM	A-2, A-3	0	0	100	100	70-100	2-25	15-20	NP-5
	4-7	Loamy fine sand, loamy sand	SP-SM, SP, SM	A-2, A-3	0	0	100	100	90-100	2-35	15-20	NP-5
	7-60	Fine sand, sand	SP, SP-SM, SM	A-2, A-3	0	0	100	100	70-100	2-25	15-20	NP-5
VaC:												
VALENTINE-------	0-4	Fine sand	SP-SM, SM, SP	A-2, A-3	0	0	100	100	70-100	2-25	15-20	NP-5
	4-7	Loamy fine sand, loamy sand	SP, SP-SM, SM	A-2, A-3	0	0	100	100	90-100	2-35	15-20	NP-5
	7-60	Fine sand, sand	SM, SP, SP-SM	A-2, A-3	0	0	100	100	70-100	2-25	15-20	NP-5
Vb:												
VALENTINE-------	0-6	Loamy fine sand	SM, SP, SP-SM	A-2, A-3	0	0	100	100	95-100	2-35	15-20	NP-5
	6-7	Loamy fine sand, loamy sand	SP-SM, SP, SM	A-2, A-3	0	0	100	100	90-100	2-35	15-20	NP-5
	7-60	Fine sand, sand	SM, SP, SP-SM	A-2, A-3	0	0	100	100	70-100	2-25	15-20	NP-5
W:												
WATER----------	---	---	---	---	---	---	---	---	---	---	---	---

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	
Wm:												
WANN----------	0-17	Loam	CL-ML, CL, ML	A-4, A-6	0	0	95-100	95-100	85-100	55-75	15-30	2-15
	17-22	Sandy loam, fine sandy loam	SM, SC-SM	A-2, A-4	0	0	95-100	75-100	60-100	20-50	15-25	NP-5
	22-60	Stratified sandy clay loam to fine sand	SM	A-2, A-4	0	0	95-100	95-100	70-100	15-40	15-20	NP-3
Wx:												
BARNEY----------	0-7	Silt loam	CL	A-6	0	0	100	95-100	90-100	70-95	25-40	12-20
	7-10	Stratified loam to sand	ML, SM	A-4, A-2	0	0	95-100	90-100	55-80	20-60	10-20	NP-5
	10-60	Coarse sand, sand, fine sand	SC-SM, SM, SP-SM, SP	A-2, A-1, A-3	0	0	95-100	75-100	30-80	3-15	10-15	NP-5
	60-80	Gravelly sand, gravelly coarse sand, coarse sand	SM, SP, SP-SM, SC-SM	A-1, A-3, A-2	0	0	70-100	50-95	25-65	0-15	0-10	NP-5