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	
AddA:												
Avonburg--------	0-11	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	80-90	23-40	3-15
	11-21	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	80-85	23-40	3-15
	21-37	Silty clay loam, silt loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	90-100	85-90	25-45	5-20
	37-52	Silt loam, silty clay loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	95-100	90-95	75-85	25-45	5-20
	52-83	Silt loam--------	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	95-100	90-95	70-80	25-45	5-20
	83-90	Clay loam--------	CL	A-6, A-7-6	0-1	0-1	90-100	85-95	70-90	55-70	36-48	15-25
AddB2:												
Avonburg--------	0-7	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	80-90	23-40	3-15
	7-16	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	80-85	23-40	3-15
	16-32	Silty clay loam, silt loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	90-100	85-90	25-45	5-20
	32-42	Silt loam, silty clay loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	95-100	90-95	75-85	25-45	5-20
	42-63	Silt loam--------	CL-ML, CL	A-4, A-6, A-7-6	0	0	100	95-100	90-95	70-80	25-45	5-20
	63-80	Clay loam--------	CL	A-6, A-7-6	0-1	0-1	90-100	85-95	70-90	55-70	36-48	15-25
Ar:												
Armiesburg------	0-15	Silty clay loam--	CL	A-6	0	0	100	100	95-100	85-95	35-40	15-20
	15-35	Silty clay loam--	CL	A-6, A-7	0	0	100	100	95-100	85-95	35-44	15-22
	35-58	Loam, silty clay loam, sandy loam.	CL	A-4, A-6	0	0	100	100	60-100	35-95	28-40	8-20
	58-70	Sand, loamy sand.	SP-SM, SM	A-2-4, A-3	0	0	98-100	95-100	50-75	5-30	0-0	NP.
Ay:												
Ayrshire--------	0-9	Fine sandy loam--	SM, SC-SM	A-2-4, A-4	0	0	100	100	45-70	30-50	10-22	2-6
	9-42	Fine sandy loam, loam, sandy clay loam.	CL, SC, SC-SM, CL-ML	A-2-4, A-2-6, A-4, A-6	0	0	100	100	35-80	25-65	22-36	7-14
	42-70	Stratified loamy fine sand to fine sandy loam to sandy clay loam.	CL-ML, ML, SC-SM, SM	A-2-4, A-4	0	0	100	100	65-85	20-55	15-25	2-8
	70-80	Fine sand--------	SM	A-2-4	0	0	100	100	65-80	20-35	0-0	NP.
BbhA:												
Bartle----------	0-11	Silt loam--------	CL-ML, ML	A-4	0	0	100	100	90-100	80-95	18-24	3-7
	11-17	Silt loam--------	CL-ML, ML, CL	A-4	0	0	100	100	90-100	80-95	20-26	3-8
	17-30	Silty clay loam, silt loam.	CL-ML, CL	A-4, A-6	0	0	100	100	95-100	85-95	24-38	7-14
	30-55	Silt loam, silty clay loam.	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	85-95	24-38	7-14
	55-80	Silt loam, loam, silty clay loam.	CL, CL-ML	A-4, A-6	0	0	100	100	85-100	60-95	24-38	7-14
BcrAW:												
Beanblossom-----	0-5	Silt loam--------	CL-ML, ML	A-4	0	0-2	90-100	85-100	70-100	50-90	18-30	2-10
	5-24	Silt loam, very channery silt loam, loam, very channery loam.	GC, GC-GM, ML, CL-ML	A-2-4, A-4	0	0-35	40-95	35-90	30-90	20-80	16-30	3-10
	24-54	Stratified extremely channery loam to very channery silt loam to extremely channery silt loam.	GC, GC-GM, GM, GW-GM	A-1, A-2-4, A-2-6, A-4	0	0-30	15-55	10-50	8-50	6-45	20-32	NP-12
	54-60	Weathered bedrock.			---	---	---	---	---	---	---	---
BdB:												
Bedford---------	0-9	Silt loam--------	CL, ML, CL-ML	A-4, A-6	0	0	100	100	95-100	85-100	23-40	3-15
	9-24	Silty clay loam, silt loam.	CL-ML, CL	A-4, A-6, A-7-6	0	0	100	100	95-100	85-100	25-50	6-30
	24-51	Silty clay loam, silt loam, gravelly silty clay loam.	CL-ML, CL	A-4, A-6, A-7-6	0	0-10	60-100	55-95	55-95	50-90	25-50	6-30
	51-80	Clay, silty clay, gravelly clay.	CL, CH	A-7-6	0	0-5	60-100	55-95	55-95	50-90	44-75	20-46
BdhAH:												
Bellcreek-------	0-10	Silty clay loam--	CL	A-6, A-7-6	0	0	95-100	92-100	75-100	55-100	30-50	10-30
	10-48	Silty clay loam,	CL, CH	A-6, A-7-6	0	0	95-100	92-100	75-100	55-100	30-65	10-45

		clay loam, silty clay, clay.										
	48-64	Silty clay loam, clay loam, silty clay, clay.	CL, CH	A-6, A-7-6	0	0	95-100	92-100	75-100	55-100	30-65	10-45
	64-80	Stratified loamy sand to clay loam.	SC, ML, CL, SM	A-2-4, A-6, A-7-6	0	0	90-100	85-100	60-100	15-85	0-50	NP-30
BeG:												
Berks----------	0-7	Channery silt loam.	ML, GC-GM	A-4	0-5	0-25	55-80	50-75	45-75	35-70	12-25	2-7
	7-17	Channery silt loam, extremely channery silt loam.	ML, GM, GC-GM, CL-ML	A-1, A-2-4, A-4	0-10	10-50	40-80	35-75	30-75	15-70	0-25	NP-7
	17-35	Extremely channery silt loam, very flaggy silt loam.	GC-GM, GM	A-1, A-2-4, A-4	0-30	30-55	40-60	35-55	30-55	15-50	0-25	NP-7
	35-46	Unweathered bedrock.			---	---	---	---	---	---	---	---
Bf:												
Birds----------	0-10	Silt loam--------	CL-ML, CL	A-4, A-6	0	0	100	100	90-100	80-95	22-34	5-12
	10-60	Silt loam--------	CL-ML, CL	A-4, A-6	0	0	100	100	90-100	80-95	22-34	7-12
BlF:												
Bloomfield------	0-7	Fine sand--------	SM	A-2-4	0	0	100	100	65-80	20-35	0-0	NP.
	7-72	Fine sand, loamy fine sand, sand.	SM	A-2-4, A-3	0	0	100	100	65-80	5-35	0-0	NP.
	72-80	Fine sand, loamy fine sand, sand.	SM	A-2-4, A-3	0	0	100	100	65-80	5-35	0-0	NP-3
BmB:												
Bloomfield------	0-10	Fine sand--------	SM	A-2-4	0	0	100	100	65-80	20-35	0-0	NP.
	10-80	Fine sand, loamy fine sand, sand.	SM	A-2-4, A-3	0	0	100	100	65-80	5-35	0-0	NP.
	80-90	Fine sand, loamy fine sand, sand.	SM	A-2-4, A-3	0	0	100	100	65-80	5-35	0-0	NP.
Alvin----------	0-10	Loamy sand-------	SM	A-2-4	0	0	100	100	50-75	15-30	10-16	NP-3
	10-69	Fine sandy loam, sandy loam, loamy sand, loamy fine sand.	CL, ML, SC, SM	A-2-4, A-4	0	0	100	100	50-85	15-55	14-25	2-8
	69-80	Fine sand, loamy fine sand, sand.	SM	A-2-4, A-3	0	0	100	100	65-80	5-35	0-0	NP.
BmC2:												
Bloomfield------	0-10	Fine sand--------	SM	A-2-4	0	0	100	100	65-80	20-35	0-0	NP.
	10-80	Fine sand, loamy fine sand, sand.	SM	A-2-4, A-3	0	0	100	100	65-80	5-35	0-0	NP.
	80-90	Fine sand, loamy fine sand, sand.	SM	A-2-4, A-3	0	0	100	100	65-80	5-35	0-0	NP.
Alvin----------	0-10	Loamy sand-------	SM	A-2-4	0	0	100	100	50-75	15-30	10-16	NP-3
	10-69	Fine sandy loam, sandy clay loam, sandy loam, loam, loamy sand.	CL, ML, SC-SM	A-2-4, A-4	0	0	100	100	50-85	15-55	14-25	2-8
	69-80	Fine sand, loamy fine sand, sand.	SM	A-2-4, A-3	0	0	100	100	65-80	5-35	0-0	NP.
Bn:												
Bobtown---------	0-9	Loamy fine sand--	SM	A-2-4	0	0	100	100	90-100	20-35	0-16	NP-3
	9-20	Fine sandy loam--	SC-SM, SM	A-4, A-2-4	0	0	100	100	80-100	25-50	12-25	1-10
	20-52	Fine sandy loam, sandy clay loam, loam.	CL, CL-ML, SC, SC-SM	A-4, A-6, A-2-4, A-2-6	0	0	100	100	80-100	25-55	15-32	3-16
	52-80	Stratified fine sand to loamy sand to loamy fine sand.	SM, SP-SM	A-2-4, A-3	0	0	100	100	50-75	5-30	0-10	NP-2
BoD2:												
Bonnell---------	0-6	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	85-100	65-90	24-34	3-12
	6-10	Silt loam, loam, silty clay loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	98-100	95-100	85-100	60-90	25-50	6-28
	10-45	Clay, clay loam--	CL, CH	A-7-6	0	0-1	95-100	90-95	80-95	65-90	30-54	20-33
	45-62	Clay loam, loam--	CL	A-6, A-7-6	0	0-1	95-100	90-95	75-95	55-75	35-45	15-25
	62-80	Loam, clay loam--	CL, CL-ML	A-4, A-6, A-7-6	0	0-1	90-100	85-95	70-95	50-65	20-43	4-20
BodAV:												
Bonnie----------	0-20	Silt loam--------	CL	A-4, A-6	0	0	100	100	95-100	90-100	27-34	8-12
	20-31	Silt loam--------	CL	A-4, A-6	0	0	100	100	95-100	90-100	27-34	8-12
	31-60	Silt loam, silty clay loam.	CL	A-4, A-6	0	0	100	100	90-100	80-100	25-39	8-15
BpD3:												
Bonnell---------	0-6	Silty clay loam--	CL	A-6	0	0	100	100	90-100	75-90	30-40	11-16
	6-32	Clay, clay loam,	CL, CH	A-7-6	0	0-1	95-100	90-95	80-95	65-90	30-54	20-33

		silty clay.										
	32-59	Clay loam, silt loam.	CL	A-6, A-7-6	0	0-1	95-100	90-95	75-95	55-75	35-45	15-25
	59-80	Loam, clay loam--	CL, CL-ML	A-4, A-6, A-7-6	0	0-1	90-100	85-95	70-95	50-65	20-43	4-20
CcB2:												
Cincinnati------	0-8	Silt loam--------	CL-ML, CL, ML	A-4, A-6	0	0	100	100	90-100	80-95	23-40	3-15
	8-31	Silt loam, silty clay loam.	CL-ML, CL	A-7-6, A-4, A-6	0	0	100	100	90-100	80-95	24-45	5-25
	31-72	Silt loam, loam--	CL	A-4, A-6	0	0	98-100	95-100	85-95	55-85	24-44	8-25
	72-80	Clay loam, loam--	CL	A-4, A-6, A-7-6	0	0-2	90-100	85-95	70-90	55-70	25-50	8-30
CcC2:												
Cincinnati, eroded---------	0-8	Silt loam--------	CL-ML, CL, ML	A-4, A-6	0	0	100	100	90-100	80-95	23-40	3-15
	8-24	Silt loam, silty clay loam.	CL, CL-ML	A-7-6, A-4, A-6	0	0	100	100	90-100	80-95	24-45	5-25
	24-74	Silt loam, loam--	CL	A-4, A-6	0	0	98-100	95-100	85-95	55-85	24-44	8-25
	74-80	Clay loam, loam--	CL	A-6, A-7-6, A-4	0	0-2	90-100	85-95	70-90	55-70	25-50	8-30
CcC3:												
Cincinnati, severely eroded	0-5	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	80-95	23-40	3-15
	5-14	Silt loam, silty clay loam.	CL-ML, CL	A-7-6, A-4, A-6	0	0	100	100	90-100	80-95	24-45	5-25
	14-35	Silt loam, loam--	CL	A-4, A-6	0	0	98-100	95-100	85-95	55-85	24-40	8-24
	35-78	Clay loam, loam--	CL	A-4, A-6, A-7-6	0	0-2	90-100	85-95	70-90	55-70	25-50	5-30
	78-84	Loam, clay loam--	CL-ML, CL	A-4, A-6	0	0-2	95-100	90-95	75-90	55-70	19-40	4-20
ClfA:												
Cobbsfork-------	0-12	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	75-90	23-40	3-15
	12-27	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	75-90	23-40	3-16
	27-38	Silt loam, silty clay loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	90-100	80-90	25-45	5-20
	38-50	Silt loam, silty clay loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	95-100	90-100	80-90	25-45	5-20
	50-85	Silt loam--------	CL, CL-ML	A-4, A-6	0	0	100	95-100	90-100	75-90	25-40	5-20
	85-90	Clay loam--------	CL	A-6, A-7-6	0	0	90-100	85-95	70-90	55-70	28-50	10-30
CoD:												
Coolville-------	0-7	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	95-100	90-100	80-100	70-90	20-40	3-15
	7-20	Silty clay loam--	CL	A-6, A-7	0	0	95-100	85-100	80-100	75-95	35-50	15-25
	20-38	Silty clay, silty clay loam, clay.	CH, ML, CL	A-7	0	0-5	95-100	85-100	80-100	75-95	41-65	13-36
	38-43	Parachannery silty clay loam, silty clay loam, parachannery silty clay, silty clay.	CH, CL, ML	A-7	0	0-5	95-100	85-100	80-100	75-95	41-65	13-36
	43-60	Weathered bedrock.			---	---	---	---	---	---	---	---
Df:												
Driftwood-------	0-8	Clay loam--------	CL	A-6	0	0	85-100	85-100	75-95	60-80	32-38	12-15
	8-20	Sandy clay loam, clay loam.	CL, SC	A-6, A-7	0	0	85-100	85-100	70-95	35-80	32-43	12-21
	20-63	Clay, clay loam--	CH, CL	A-7-6, A-7	0	0	85-100	85-100	75-95	60-85	42-52	20-28
	63-80	Stratified coarse sandy loam, sandy loam, loam, sandy clay loam, clay loam, silty clay loam, stratified clay loam to silty clay loam.	CL, CL-ML, SC, SC-SM	A-6, A-2-4, A-2-6, A-4	0	0	85-100	75-95	45-95	25-75	21-40	6-16
DuA:												
Dubois----------	0-10	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	75-95	22-40	1-17
	10-17	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	75-95	23-40	2-15
	17-38	Silty clay loam, silt loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	90-100	85-100	24-50	4-30
	38-82	Silt loam, silty clay loam, loam.	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	70-95	20-40	7-25
	82-96	Silty clay loam, silt loam, clay loam, sandy loam.	SC-SM, SC, CL, CL-ML	A-2, A-4, A-6, A-7-6	0	0	98-100	95-100	60-100	30-95	20-50	6-25
DuB2:												
Dubois----------	0-6	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	75-95	22-40	1-17
	6-10	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	75-95	23-40	2-15
	10-28	Silty clay loam, silt loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	90-100	85-100	24-50	4-30
	28-68	Silt loam, silty clay loam, loam.	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	70-95	20-40	7-25
	68-80	Silty clay loam, silt loam, clay loam, sandy loam.	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6, A-7-6	0	0	98-100	95-100	60-100	30-95	20-50	6-25

FoA:												
Fox----------	0-9	Sandy loam-------	SC-SM, SM	A-2-4, A-4	0	0	95-100	90-98	55-70	30-40	12-21	1-6
	9-27	Gravelly sandy clay loam.	CL, SC	A-2-4, A-2-6, A-4, A-6	0	0	80-100	55-75	45-75	20-60	24-40	2-18
	27-60	Stratified gravelly coarse sand to coarse sand.	SP, SM, SP-SM	A-1, A-3, A-2-4	0	0	80-100	40-80	20-55	2-15	0-0	NP.
Ockley----------	0-10	Sandy loam-------	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-98	55-70	30-40	12-21	1-6
	10-24	Loam, sandy clay loam, fine sandy loam.	CL, ML, SC-SM	A-2-4, A-4	0	0	95-100	85-100	50-90	25-70	15-30	3-10
	24-50	Gravelly sandy clay loam, gravelly clay loam.	CL, SC	A-2-4, A-2-6, A-4, A-6	0	0	80-100	55-75	45-75	20-60	24-40	2-18
	50-60	Stratified very gravelly coarse sand to coarse sand, stratified coarse sand to gravelly coarse sand.	SP-SM, SP	A-1, A-3, A-2-4	0	0	80-100	40-80	20-55	2-12	0-0	NP.
FrD2:												
Frederick-------	0-9	Silt loam--------	CL-ML, ML	A-4, A-6	0	0-5	85-100	80-100	75-100	60-90	22-38	2-14
	9-16	Gravelly clay----	CH, CL	A-7-6, A-7	0	0-5	70-100	65-95	60-95	55-90	40-70	22-45
	16-80	Gravelly clay, silty clay, clay.	CH, CL	A-7-6, A-7	0	0-5	90-100	85-98	80-95	75-95	40-70	22-45
Crider----------	0-9	Silt loam--------	CL-ML, ML	A-4, A-6	0	0	100	100	95-100	85-95	22-38	2-14
	9-31	Silt loam, silty clay loam.	CL, CL-ML	A-4, A-6, A-7	0	0	98-100	98-100	95-100	85-98	26-43	6-22
	31-80	Silty clay, clay.	CH, CL	A-7-6, A-6, A-7	0	0-5	90-100	85-98	80-95	75-95	40-70	22-45
Gilpin----------	0-5	Silt loam--------	CL-ML, ML	A-4	0	0-5	85-100	85-100	75-100	60-90	20-30	2-10
	5-10	Silt loam, channery silt loam.	CL-ML, CL	A-4	0	0-5	80-100	75-95	70-95	60-95	22-28	5-9
	10-21	Channery silt loam.	GC, GC-GM, CL-ML, CL	A-4, A-6	0-5	0-10	60-80	55-75	50-75	40-75	24-32	6-12
	21-34	Very channery silt loam, extremely channery silt loam.	CL, ML, CL-ML, GM, GC-GM	A-1-b, A-2-4, A-4	0-10	10-40	35-70	30-60	25-60	15-60	18-30	3-10
	34-42	Unweathered bedrock.			---	---	---	---	---	---	---	---
Ge:												
Genesee---------	0-9	Silt loam--------	CL-ML, ML, CL	A-4, A-6	0	0	100	100	90-100	55-80	20-35	3-15
	9-46	Silt loam, loam--	CL, CL-ML	A-4, A-6	0	0	100	100	85-100	55-80	24-35	4-15
	46-60	Stratified fine sandy loam to silt loam.	CL, ML, SC, SM	A-2-4, A-4, A-6	0	0	100	100	85-100	30-80	20-30	3-11
GnD3:												
Gilpin----------	0-7	Silt loam--------	CL-ML, ML	A-4	0	0-5	80-100	80-100	75-100	60-90	20-30	2-10
	7-15	Channery silt loam.	GC, CL-ML, CL, GC-GM	A-4, A-6	0-5	0-10	60-80	55-75	50-75	40-75	24-32	6-12
	15-28	Very channery silt loam, extremely channery silt loam.	CL, GC-GM, GC, CL-ML, GM, ML	A-1-b, A-2-4, A-4	0-10	10-40	35-70	30-60	25-60	15-60	18-30	3-10
	28-40	Unweathered bedrock.			---	---	---	---	---	---	---	---
GnF:												
Gilpin----------	0-7	Silt loam--------	CL-ML, ML, CL	A-4	0	0	95-100	90-100	90-100	80-95	16-25	2-8
	7-22	Parachannery silty clay loam, parachannery silt loam, silty clay loam, silt loam.	CL	A-4, A-6, A-7	0	0-3	85-100	80-100	80-100	70-95	30-44	8-20
	22-30	Very parachannery silty clay loam, very parachannery silt loam, extremely parachannery silty clay loam, extremely parachannery silt loam.	CL, CL-ML	A-4, A-6, A-7	0	0-5	85-100	80-100	80-100	70-95	20-42	7-18
	30-34	Weathered bedrock.			---	---	---	---	---	---	---	---

GpD:												
Gilpin----------	0-5	Silt loam--------	CL, CL-ML, ML	A-4	0	0-5	90-100	85-100	80-100	70-100	18-25	3-8
	5-10	Silt loam, channery silt loam.	CL-ML, CL	A-4	0	0-5	80-100	75-95	70-95	60-95	22-28	5-9
	10-21	Channery silt loam.	CL, CL-ML, GC, GC-GM	A-4, A-6	0-5	0-10	60-80	55-75	50-75	40-75	24-32	6-12
	21-31	Very channery silt loam, extremely channery silt loam.	ML, CL-ML, GM, GC-GM, CL	A-1-b, A-2-4, A-4	0-10	10-40	35-70	30-60	25-60	15-60	18-30	3-10
	31-42	Unweathered bedrock.			---	---	---	---	---	---	---	---
Wellston--------	0-6	Silt loam--------	CL-ML, ML, CL	A-4, A-6	0	0	100	100	95-100	90-100	22-35	2-12
	6-32	Silty clay loam, silt loam.	CL	A-6, A-7-6	0	0	100	100	95-100	90-100	30-50	12-30
	32-56	Silty clay loam, channery silty clay loam, silt loam, channery silt loam.	GC, CL	A-4, A-6, A-7-6	0	0-10	60-100	60-95	55-95	45-85	30-44	8-20
	56-66	Extremely channery silt loam, extremely channery silty clay loam, channery silt loam, channery silty clay loam.	ML, GM, GC, CL	A-2-4, A-2-6, A-4, A-6	0-5	10-45	35-85	30-80	25-80	15-75	18-38	3-14
	66-70	Unweathered bedrock.			---	---	---	---	---	---	---	---
HdA:												
Haubstadt-------	0-10	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	80-100	22-40	2-16
	10-32	Silty clay loam, silt loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	90-100	80-100	23-45	4-19
	32-76	Silt loam, silty clay loam, loam.	CL-ML, CL	A-4, A-6	0	0	95-100	90-100	80-100	60-95	25-40	4-16
	76-80	Silty clay loam, clay loam, loam.	CL, CL-ML, SC, SC-SM	A-7-6, A-4, A-6	0	0	90-100	85-100	65-100	45-95	20-45	4-25
HdB2:												
Haubstadt-------	0-7	Silt loam--------	ML, CL, CL-ML	A-4, A-6	0	0	100	100	90-100	80-100	22-40	2-16
	7-32	Silty clay loam, silt loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	90-100	80-100	23-45	4-19
	32-61	Silt loam, silty clay loam, loam.	CL, CL-ML	A-4, A-6	0	0	95-100	90-100	80-100	60-95	25-40	4-16
	61-80	Silty clay loam, clay loam, loam.	CL, CL-ML, SC, SC-SM	A-7-6, A-4, A-6	0	0	90-100	85-100	65-100	45-95	20-45	4-25
Hm:												
Haymond---------	0-12	Silt loam--------	CL, CL-ML, ML	A-4	0	0	100	100	90-100	85-100	20-30	3-10
	12-34	Silt loam--------	CL, CL-ML, ML	A-4	0	0	100	100	90-100	80-100	20-30	3-10
	34-60	Stratified silt loam to sandy loam to loam.	CL, ML, SC, SM, CL-ML	A-4, A-6	0	0	95-100	90-100	65-100	35-90	15-35	2-15
HrE:												
Hickory---------	0-10	Loam----------	CL, CL-ML, ML	A-4, A-6	0	0-5	95-100	90-100	75-100	55-100	20-35	3-15
	10-45	Clay loam, loam--	CL	A-6, A-7-6	0-1	0-5	90-100	85-100	70-95	50-80	24-50	8-30
	45-50	Loam, clay loam--	SC-SM, SC, CL-ML, CL	A-4, A-6	0-1	0-5	90-100	80-95	70-95	45-75	20-40	5-20
	50-60	Loam, clay loam, sandy loam.	CL-ML, CL, SC, SC-SM	A-2, A-4, A-6	0-1	0-5	90-100	80-95	50-95	30-75	20-40	5-20
KtF:												
Kurtz----------	0-6	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	90-100	90-100	85-100	75-100	20-35	3-12
	6-36	Silty clay loam, silt loam, parachannery silty clay loam, parachannery silt loam.	CL	A-4, A-6, A-7	0	0-3	90-100	90-99	85-99	75-99	30-50	8-25
	36-47	Extremely parachannery silty clay loam, very parachannery silty clay loam, extremely parachannery silt loam, very parachannery silt loam.	CL	A-4, A-6, A-7	0-1	0-3	90-100	90-99	85-99	75-99	30-46	8-23
	47-57	Weathered bedrock.			---	---	---	---	---	---	---	---
Ly:												
Lyles----------	0-18	Fine sandy loam--	SC-SM, SM	A-2-4, A-4	0	0	100	100	80-95	25-50	15-24	NP-7
	18-46	Sandy clay loam, loam, fine sandy loam.	SC-SM, SC, CL-ML, CL	A-4, A-6	0	0	100	100	80-95	35-75	20-30	4-11
	46-54	Fine sandy loam,	SM, SC-SM	A-2-4	0	0	100	100	70-95	15-50	10-24	NP-7

		loamy fine sand, loamy sand.										
	54-60	Fine sand, sand--	SP-SM, SM, SC-SM	A-2-4, A-3	0	0	100	100	65-90	5-35	0-15	NP-2
MfxA:												
Martinsville, sandy substratum-----	0-10	Sandy loam-------	SM, SC-SM	A-2-4, A-4	0	0	95-100	95-100	60-80	25-40	15-22	NP-7
	10-15	Sandy loam-------	SM, SC-SM	A-2, A-2-4	0	0	95-100	95-100	60-80	25-40	15-24	NP-7
	15-41	Sandy clay loam, sandy loam.	ML, SC, CL, SM	A-2-4, A-4	0	0	95-100	90-100	60-95	25-55	17-38	2-16
	41-60	Sandy loam, loamy sand.	SC-SM, SM, SC	A-2-4, A-4	0	0	95-100	90-100	45-80	10-40	0-25	NP-10
	60-80	Stratified gravelly coarse sand to coarse sand to loamy sand.	SP-SM, SP	A-1-b, A-2-4	0	0	65-100	60-90	20-50	3-20	0-10	NP-2
MkB2:												
Markland--------	0-6	Silt loam--------	CL-ML, CL	A-4, A-6	0	0	100	100	95-100	85-95	22-35	4-15
	6-27	Silty clay, silty clay loam.	CL, CH	A-7-6, A-7	0	0	100	100	95-100	90-98	45-62	25-36
	27-60	Silty clay, stratified clay to silty clay loam.	CH, CL	A-7-6, A-6, A-7	0	0	100	100	95-100	85-98	15-55	4-30
MmC3:												
Markland--------	0-9	Silty clay loam--	CL	A-6, A-7	0	0	100	100	95-100	85-95	30-45	10-20
	9-16	Silty clay, clay, silty clay loam.	CH, CL	A-7-6, A-7	0	0	100	100	95-100	90-98	45-62	20-36
	16-60	Stratified silt loam to silty clay loam to silty clay.	CH, CL	A-7-6, A-6, A-7	0	0	100	100	95-100	85-98	15-55	4-30
MrA:												
McGary----------	0-11	Silt loam--------	CL-ML, CL	A-4, A-6	0	0	100	100	95-100	90-100	25-40	5-20
	11-42	Silty clay, silty clay loam.	CL, CH	A-7-6	0	0	100	100	95-100	90-100	45-60	20-34
	42-50	Silty clay, silty clay loam.	CH, CL	A-7-6	0	0	100	100	95-100	90-100	45-60	20-34
	50-60	Stratified silty clay loam to silty clay.	CL, CH	A-6, A-7-6	0	0	100	100	95-100	90-100	38-60	15-34
MtB2:												
Medora----------	0-8	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	95-100	85-100	23-40	3-15
	8-21	Silt loam, silty clay loam.	CL	A-6, A-7-6	0	0	100	100	95-100	85-100	32-50	12-30
	21-45	Loam, silt loam, gravelly loam, clay loam.	SC, SC-SM, CL, CL-ML	A-4, A-6	0-2	0-5	80-100	75-100	65-95	45-75	18-40	4-20
	45-80	Sandy clay, clay loam, sandy clay loam, gravelly sandy clay loam.	SC, CL	A-2-6, A-2-7, A-6, A-7-6	0-2	0-5	80-100	75-100	60-95	25-75	30-50	11-24
MtC2:												
Medora----------	0-8	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	95-100	85-100	23-40	3-15
	8-21	Silt loam, silty clay loam.	CL	A-6, A-7-6	0	0	100	100	95-100	85-100	32-50	12-30
	21-45	Loam, silt loam, gravelly loam, clay loam.	SC, SC-SM, CL, CL-ML	A-4, A-6	0-2	0-5	80-100	75-100	65-95	45-75	18-40	4-20
	45-80	Sandy clay, clay loam, sandy clay loam, gravelly sandy clay loam.	CL, SC	A-2-6, A-2-7, A-6, A-7-6	0-2	0-5	80-100	75-100	60-95	25-75	30-50	11-24
NaaA:												
Nabb----------	0-10	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	80-95	22-40	2-15
	10-18	Silt loam--------	ML, CL-ML, CL	A-4, A-6	0	0	100	100	90-100	80-95	22-40	2-15
	18-35	Silty clay loam, silt loam.	CL-ML, CL	A-4, A-6, A-7-6	0	0	100	100	90-100	80-90	25-45	5-25
	35-76	Silt loam, silty clay loam.	CL-ML, CL	A-6, A-7-6, A-4	0	0	98-100	95-100	90-95	70-85	25-45	5-20
	76-80	Clay loam, loam--	CL	A-4, A-6, A-7-6	0-2	0-2	90-100	85-95	70-90	55-70	25-50	8-30
NaaB2:												
Nabb----------	0-7	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	80-95	22-40	2-15
	7-13	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	80-95	22-40	2-15
	13-33	Silty clay loam, silt loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	90-100	80-90	25-45	5-25
	33-71	Silt loam, silty clay loam.	CL-ML, CL	A-6, A-7-6, A-4	0	0	98-100	95-100	90-95	70-85	25-45	5-20
	71-80	Clay loam, loam--	CL	A-4, A-6, A-7-6	0-2	0-2	90-100	85-95	70-90	55-70	25-50	8-30
NeD2:												
Negley----------	0-8	Silt loam--------	CL-ML, ML, CL	A-4, A-6	0	0	95-100	95-100	85-100	65-85	20-32	3-11
	8-39	Loam, clay loam--	CL	A-4, A-6	0	0-3	85-100	80-98	70-95	50-75	25-40	8-20

	39-80	Gravelly sandy clay loam, sandy clay loam, clay loam.	CL	A-2-4, A-2-6, A-4, A-6	0	0-5	65-100	60-98	50-75	20-75	25-40	8-20
NgE:												
Negley	0-4	Loam	CL, CL-ML, ML	A-4, A-6	0	0	95-100	90-100	75-95	55-75	20-32	3-11
	4-18	Loam, clay loam	CL	A-4, A-6	0	0-3	85-100	80-98	70-95	50-75	25-40	8-20
	18-80	Gravelly sandy clay loam, sandy clay loam, clay loam, loam.	SC-SM, SC	A-2-4, A-2-6, A-4, A-6	0	0-5	65-100	60-98	50-75	20-75	25-40	8-20
NnA:												
Nineveh variant	0-18	Sandy loam	SC-SM, SM	A-2-4, A-4	0	0	100	85-100	50-70	25-40	12-21	NP-6
	18-41	Sandy loam, sandy clay loam.	SC-SM, SC, CL-ML, CL	A-2-6, A-4, A-6, A-2-4	0	0	95-100	80-100	45-90	25-55	22-35	7-14
	41-55	Loamy sand, loamy coarse sand, sandy clay loam.	CL, ML, SC-SM	A-1-b, A-2-4, A-4	0	0	95-100	80-100	40-90	15-55	10-30	NP-10
	55-60	Sand, coarse sand.	SP-SM, SP, SM	A-1-b, A-3	0	0	95-100	80-100	40-70	4-15	0-0	NP.
Omz:												
Orthents	---	---	---	---	---	---	---	---	---	---	---	---
OtC2:												
Otwell	0-7	Silt loam	CL-ML, CL, ML	A-4, A-6	0	0	100	100	90-100	75-95	25-40	4-14
	7-20	Silty clay loam, silt loam.	CL	A-4, A-6, A-7	0	0	100	100	90-100	75-95	27-42	9-20
	20-58	Loam, silt loam	CL	A-6	0	0	100	100	85-100	60-95	25-40	8-18
	58-80	Silty clay loam, loam, sandy clay loam.	CL, SC	A-7-6, A-6, A-7	0	0	98-100	95-100	75-100	35-95	22-44	7-22
OtC3:												
Otwell	0-5	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	75-95	27-40	6-16
	5-14	Silty clay loam, silt loam, loam.	CL	A-4, A-6, A-7	0	0	100	100	85-100	60-95	27-42	9-20
	14-52	Loam, silt loam, clay loam.	CL	A-6	0	0	100	100	85-100	60-95	25-40	8-18
	52-80	Silty clay loam, loam, sandy clay loam.	SC, CL	A-6, A-7	0	0	98-100	95-100	75-100	35-95	22-44	7-22
PaB2:												
Parke	0-8	Silt loam	CL-ML, CL	A-4, A-6	0	0	100	100	95-100	85-95	22-35	5-15
	8-30	Silty clay loam, silt loam, loam.	CL	A-4, A-6	0	0	100	100	95-100	85-95	27-40	8-20
	30-80	Sandy clay loam, loam.	SC-SM, SC, CL-ML, CL	A-4, A-6	0	0-1	98-100	95-100	75-95	35-75	24-34	7-12
PaC2:												
Parke	0-8	Silt loam	CL-ML, CL	A-4, A-6	0	0	100	100	95-100	85-95	22-35	5-15
	8-21	Silty clay loam, silt loam, loam.	CL	A-4, A-6	0	0	100	100	95-100	85-95	27-40	8-20
	21-80	Sandy clay loam, loam.	SC, SC-SM, CL-ML, CL	A-4, A-6	0	0-1	98-100	95-100	75-95	35-75	24-34	7-12
PeB2:												
Pekin	0-6	Silt loam	CL, ML, CL-ML	A-4, A-6	0	0	100	100	90-100	75-100	15-30	3-12
	6-29	Silt loam, silty clay loam.	CL-ML, CL	A-4, A-6	0	0	100	100	90-100	75-100	24-38	5-18
	29-67	Silt loam, silty clay loam.	CL-ML, CL	A-4, A-6	0	0	95-100	90-100	80-100	65-95	25-40	6-20
	67-80	Silt loam, silty clay loam, loam, sandy loam.	SC, SM, ML, CL	A-2-4, A-2-6, A-4, A-6	0	0	90-100	85-100	50-100	25-95	15-38	3-18
PhaA:												
Peoga	0-8	Silt loam	CL, CL-ML, ML	A-4, A-6	0	0	100	100	90-100	70-90	22-38	3-18
	8-19	Silt loam	ML, CL-ML, CL	A-4, A-6	0	0	100	100	90-100	70-90	22-38	3-18
	19-36	Silt loam, silty clay loam.	CL	A-4, A-6, A-7-6	0	0	100	100	90-100	75-98	24-42	7-22
	36-76	Silt loam, silty clay loam, loam.	CL	A-4, A-6, A-7-6	0	0	98-100	95-100	80-100	55-95	24-42	7-22
	76-80	Silt loam, silty clay loam, loam.	CL-ML, CL	A-4, A-6, A-7-6	0	0	98-100	95-100	80-100	55-95	22-42	5-22
Pp:												
Piopolis, drained	0-10	Silty clay loam	CL	A-6, A-7	0	0	100	100	90-100	85-100	35-50	11-25
	10-31	Silty clay loam	CL	A-6, A-7	0	0	100	100	90-100	85-100	35-50	11-25
	31-60	Silty clay loam, silt loam.	CL	A-6, A-7	0	0	100	100	90-100	75-100	35-50	11-25
RaC3:												
Rarden	0-6	Silt loam	CL-ML, CL	A-4, A-6	0	0	100	100	95-100	85-95	25-34	7-12
	6-28	Silty clay, clay, silty clay loam.	ML, CH	A-7	0-2	0-10	85-100	80-100	75-100	70-100	41-70	13-45
	28-37	Extremely parachannery silty clay, parachannery silty clay,	CH, CL, ML	A-7	0	0-5	95-100	85-100	80-100	75-95	41-65	13-36

		extremely parachannery silty clay loam, parachannery silty clay loam.										
	37-60	Weathered bedrock.			---	---	---	---	---	---	---	---
RdD3:												
Rarden----------	0-6	Silty clay loam--	CL	A-6, A-7	0	0	100	95-100	95-100	85-100	30-50	12-30
	6-28	Silty clay, clay, silty clay loam.	CH, ML	A-7	0-2	0-10	85-100	80-100	75-100	70-100	41-70	13-45
	28-37	Extremely parachannery silty clay, parachannery silty clay, extremely parachannery silty clay loam, parachannery silty clay loam.	CH, CL, ML	A-7	0	0-5	95-100	85-100	80-100	75-95	41-65	13-36
	37-60	Weathered bedrock.			---	---	---	---	---	---	---	---
RoA:												
Roby Variant----	0-9	Sandy loam-------	SM, SC-SM	A-2-4, A-4	0	0	95-100	85-100	50-70	25-40	12-21	NP-6
	9-52	Sandy loam, sandy clay loam.	ML, CL, SC-SM	A-2-4, A-4	0	0	95-100	85-100	50-90	25-55	15-25	2-8
	52-68	Loamy sand, sand.	SC-SM, SM	A-1-b, A-2-4	0	0	95-100	85-100	45-75	15-30	10-18	NP-4
	68-80	Sand, coarse sand.	SM, SP, SP-SM	A-1-b, A-3	0	0	85-100	75-100	30-70	4-15	0-0	NP.
RtxAH:												
Rossburg--------	0-14	Silt loam, silty clay loam.	CL	A-6	0	0	95-100	85-100	80-100	60-90	30-39	11-18
	14-34	Silty clay loam, silt loam, loam, clay loam.	CL	A-6	0	0	90-100	85-100	80-100	60-90	30-43	11-21
	34-42	Loam, sandy loam, silt loam, fine sandy loam, clay loam, silty clay loam.	CL	A-4, A-6	0	0	90-100	85-100	70-95	50-80	28-41	9-20
	42-80	Stratified sand to loamy sand to very gravelly sandy loam to loam to silt loam.	CL-ML, SC-SM, SM	A-1-b, A-2-4, A-4	0	0	78-100	70-100	40-90	15-70	10-25	2-7
Ru:												
Ruark Variant---	0-9	Sandy loam-------	SC, SC-SM, SM	A-2-4, A-4	0	0	95-100	85-100	50-70	25-40	15-25	2-8
	9-64	Sandy clay loam, sandy loam, clay loam.	SC, CL-ML, CL, SC-SM	A-2-4, A-2-6, A-4, A-6	0	0	95-100	85-100	50-100	25-80	24-40	7-15
	64-80	Sand, sandy loam.	SP, SM, SP-SM	A-1-b, A-2-4, A-3	0	0	85-100	75-100	30-70	4-40	0-16	NP-3
Sf:												
Steff----------	0-10	Silt loam--------	CL-ML, ML	A-6, A-4	0	0	100	95-100	85-100	75-100	20-40	2-15
	10-29	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	95-100	95-100	85-100	75-100	20-40	3-15
	29-60	Stratified silt loam to loam to sandy loam.	ML, CL, SC-SM, SM	A-6, A-2-4, A-4	0	0	85-100	75-100	60-100	25-95	15-38	2-15
Sg:												
Steff----------	0-10	Silt loam--------	CL-ML, ML	A-6, A-4	0	0	100	95-100	85-100	75-100	20-40	2-15
	10-29	Silt loam--------	CL, ML, CL-ML	A-4, A-6	0	0	95-100	95-100	85-100	75-100	20-40	3-15
	29-60	Stratified silt loam to loam to sandy loam.	CL, ML, SM, SC-SM	A-6, A-2-4, A-4	0	0	85-100	75-100	60-100	25-95	15-38	2-15
SldAH:												
Shoals----------	0-8	Silt loam, loam--	ML, CL-ML, CL	A-4, A-6	0	0	100	95-100	90-100	50-100	21-35	4-15
	8-33	Silt loam, loam, clay loam.	CL-ML, CL	A-4, A-6, A-7-6	0	0	100	95-100	75-100	50-100	25-42	7-21
	33-60	Stratified sand to silt loam.	SC, CL, SM, ML, CL-ML	A-2-4, A-2-6, A-4, A-6	0	0-3	90-100	80-100	50-100	20-100	0-35	NP-15
Sn:												
Stendal---------	0-11	Silt loam--------	ML, CL, CL-ML	A-4, A-6	0	0	100	100	90-100	70-90	25-38	3-15
	11-41	Silt loam, silty clay loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	90-100	85-98	25-50	5-25
	41-60	Stratified silt loam to silty clay loam to loam.	CL-ML, CL	A-4, A-6, A-7-6	0	0	95-100	90-100	75-100	55-90	25-50	5-25
SsC2:												
Stonehead-------	0-5	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	95-100	85-95	20-38	2-14
	5-30	Silt loam, silty clay loam.	CL	A-6, A-7-6	0	0	100	100	95-100	90-100	30-50	12-32

	30-46	Silty clay, silty clay loam, parachannery silty clay, parachannery silty clay loam, clay.	CH, CL	A-7	0	0-1	90-100	90-100	85-100	80-95	42-62	16-36
	46-65	Very parachannery silty clay loam, extremely parachannery silty clay loam, parachannery silty clay loam.	CL	A-6, A-7	0	0-1	90-100	90-100	85-100	80-95	32-42	12-22
	65-80	Weathered bedrock.			---	---	---	---	---	---	---	---
St:												
Stonelick-------	0-11	Fine sandy loam--	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	80-100	80-100	55-85	30-55	15-24	2-7
	11-60	Stratified sand to loamy sand to loam, sand.	CL-ML, ML, SM, SP-SM	A-1-b, A-2, A-3, A-4	0	0	80-100	80-100	40-95	5-75	15-24	NP-7
StdAQ:												
Stendal---------	0-8	Silt loam--------	CL, ML, CL-ML	A-4, A-6	0	0	100	100	90-100	75-100	22-38	3-15
	8-40	Silt loam, silty clay loam.	CL, CL-ML	A-6, A-7-6, A-4	0	0	100	100	90-100	80-100	25-50	5-24
	40-60	Stratified silt loam to silty clay loam to loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	95-100	90-100	75-100	55-95	25-50	5-24
SyA:												
Stoy----------	0-10	Silt loam--------	CL-ML, CL, ML	A-4	0	0	100	100	90-100	75-90	21-30	2-10
	10-39	Silty clay loam, silt loam.	CL	A-6	0	0	100	100	90-100	80-90	30-40	12-18
	39-80	Silt loam--------	CL	A-6	0	0	100	95-100	85-100	75-90	28-34	11-15
TlB2:												
Tilsit----------	0-7	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	95-100	90-100	23-40	3-15
	7-31	Silty clay loam, silt loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	95-100	90-100	25-50	5-30
	31-58	Silt loam, silty clay loam.	CL, CL-ML	A-4, A-6	0	0-2	85-100	80-98	75-98	65-95	20-36	5-15
	58-64	Channery silt loam, very channery silt loam, silt loam, silty clay loam.	GC-GM, GC, CL-ML, CL	A-2-4, A-2-6, A-4, A-6	0-2	5-30	40-90	35-85	35-85	25-80	20-40	5-20
	64-70	Unweathered bedrock.			---	---	---	---	---	---	---	---
TlC2:												
Tilsit----------	0-7	Silt loam--------	ML, CL-ML, CL	A-4, A-6	0	0	100	100	95-100	90-100	23-40	3-15
	7-31	Silty clay loam, silt loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	100	95-100	90-100	25-50	5-30
	31-58	Silt loam, silty clay loam.	CL-ML, CL	A-4, A-6	0	0-2	85-100	80-98	75-98	65-95	20-36	5-15
	58-64	Channery silt loam, very channery silt loam, silt loam, silty clay loam.	GC, CL, CL-ML, GC-GM	A-2-4, A-2-6, A-4, A-6	0-2	5-30	40-90	35-85	35-85	25-80	20-40	5-20
	64-70	Unweathered bedrock.			---	---	---	---	---	---	---	---
Ud:												
Udorthents------	---	---	---	---	---	---	---	---	---	---	---	---
poorly drained aquent---------	0-8	Silt loam--------	CL	A-6, A-4	0	0	100	100	90-100	80-100	24-34	8-15
	8-43	Silt loam--------	CL	A-4, A-6	0	0	100	100	90-100	80-100	24-34	8-15
	43-60	Silt loam, loam--	CL-ML, CL	A-4, A-6	0	0	100	95-100	75-100	55-90	20-34	5-15
W:												
Water----------	---	---	---	---	---	---	---	---	---	---	---	---
Wa:												
Wakeland--------	0-7	Silt loam--------	CL, CL-ML, ML	A-4	0	0	100	100	90-100	80-100	16-28	3-9
	7-29	Silt loam--------	CL-ML, ML, CL	A-4	0	0	100	100	90-100	80-100	16-28	3-9
	29-60	Stratified silt loam to loam.	CL-ML, ML, CL	A-4	0	0	100	100	85-100	60-100	16-28	3-9
WeD2:												
Wellston--------	0-6	Silt loam--------	CL-ML, CL, ML	A-4, A-6	0	0	100	100	95-100	90-100	25-35	3-12
	6-34	Silt loam, silty clay loam.	CL	A-6, A-7-6	0	0	100	100	95-100	95-100	30-50	10-30
	34-38	Silty clay loam, parachannery silty clay loam, parachannery silt loam, silt loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0-5	90-100	85-100	80-100	75-100	20-42	5-18
	38-42	Extremely	CL-ML, CL	A-4, A-6,	0	0-5	85-100	80-100	80-100	75-100	20-42	5-18

		parachannery silt loam, very parachannery silt loam, extremely parachannery silty clay loam, very parachannery silty clay loam.		A-7-6								
	42-60	Weathered bedrock.			---	---	---	---	---	---	---	---
Wk:												
Whitaker---------	0-16	Sandy loam-------	SC-SM, SC	A-2-4, A-4	0	0	95-100	90-100	55-70	25-40	20-25	5-8
	16-50	Sandy clay loam, clay loam.	CL, SC	A-4, A-6	0	0	95-100	90-100	70-100	35-80	25-40	8-15
	50-80	Stratified coarse sand to sandy loam, stratified loamy coarse sand to coarse sandy loam.	SP-SM, SM, SC-SM, SP	A-1-b, A-2-4, A-3	0	0	90-100	80-100	40-60	4-30	0-25	NP-7
Wo:												
Whitaker variant	0-8	Loam----------	CL-ML, CL, ML	A-4	0	0	95-100	90-100	75-95	55-75	20-30	3-10
	8-56	Loam, sandy clay loam, clay loam.	CL, SC, SC-SM, CL-ML	A-2-4, A-2-6, A-4, A-6	0	0	95-100	90-100	55-100	25-80	24-40	7-20
	56-76	Stratified sand to loamy coarse sand to sandy loam, loamy coarse sand, coarse sandy loam.	SP-SM, SP, SC-SM, SM	A-1-b, A-2-4, A-3	0	0	90-100	80-100	40-60	4-30	0-18	NP-4
Wr:												
Wilbur----------	0-11	Silt loam--------	ML, CL-ML, CL	A-4	0	0	100	100	95-100	70-100	20-30	3-10
	11-32	Silt loam--------	ML, CL-ML, CL	A-4	0	0	100	100	95-100	80-100	20-30	3-10
	32-60	Stratified silt loam to loam.	ML, CL-ML, CL	A-4, A-6	0	0	100	100	80-100	60-100	20-35	3-15
WsyAQ:												
Whitaker---------	0-10	Sandy loam-------	SC, SM, SC-SM	A-2-4, A-4	0	0	95-100	85-100	50-70	25-40	15-25	NP-10
	10-25	Sandy loam-------	SM, SC-SM, SC	A-2-4, A-4	0	0	95-100	85-100	50-70	25-40	15-25	NP-10
	25-49	Sandy loam, sandy clay loam.	SM, SC-SM, SC, ML, CL	A-2-4, A-4	0	0	95-100	85-100	50-85	25-55	17-30	1-14
	49-56	Sandy loam, coarse sandy loam.	SM, SC, SC-SM	A-2-4, A-4	0	0	95-100	85-100	50-70	25-40	15-25	NP-10
	56-80	Stratified coarse sand to sand.	SM, SP-SM, SP	A-1-b, A-3	0	0	85-100	75-100	30-70	4-15	0-0	NP.
Wt:												
Wilhite---------	0-10	Silty clay-------	CL, CH	A-7-6	0	0	100	100	95-100	90-100	40-60	15-32
	10-40	Silty clay, silty clay loam.	ML, CH, CL	A-6, A-7-6	0	0	100	100	95-100	90-100	35-60	10-32
	40-60	Silty clay, silty clay loam.	CH, CL, ML	A-6, A-7-6	0	0	100	100	90-100	85-95	35-60	10-32
Zp:												
Zipp----------	0-7	Silty clay-------	CL, CH	A-7	0	0	100	100	95-100	90-100	48-57	25-32
	7-44	Silty clay-------	CL, CH	A-7	0	0	100	100	95-100	90-100	48-60	25-35
	44-60	Silty clay-------	CL, CH	A-7	0	0	100	100	95-100	90-100	48-57	25-32