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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
7:													
Wiota----------	90	0-20	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	90-95	25-35	5-15
		20-50	Silty clay loam	CL	A-7	0	0	100	100	95-100	90-95	40-50	15-25
		50-72	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	95-100	90-95	30-50	15-30
11B:													
Colo----------	60	0-10	Silty clay loam	CH, CL	A-7	0	0	100	100	90-100	90-100	40-60	15-30
		10-30	Silty clay loam	CL, CH	A-7	0	0	100	100	90-100	90-100	40-55	20-30
		30-60	Silty clay loam, clay loam, silt loam	CH, CL	A-7	0	0	100	100	95-100	80-100	40-55	15-30
Ely----------	30	0-10	Silty clay loam	CL, MH, OL, OH, ML	A-6, A-7	0	0	100	100	95-100	95-100	30-55	10-25
		10-34	Silty clay loam	CL, ML	A-6, A-7	0	0	100	100	95-100	95-100	35-50	10-25
		34-60	Silt loam, silty clay loam, loam	CL	A-6	0	0	100	100	90-100	85-100	25-40	10-20
13B:													
Humeston--------	40	0-14	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	95-100	95-100	25-40	5-15
		14-22	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	95-100	95-100	25-40	5-15
		22-60	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	95-100	95-100	45-55	25-35
Colo----------	25	0-10	Silty clay loam	CH, CL	A-7	0	0	100	100	90-100	90-100	40-60	15-30
		10-72	Silty clay loam	CL, CH	A-7	0	0	100	100	90-100	90-100	40-55	20-30
Vesser----------	25	0-15	Silt loam	CL	A-6	0	0	100	100	98-100	95-100	30-40	10-20
		15-30	Silt loam	CL	A-6	0	0	100	100	98-100	95-100	30-40	10-20
		30-60	Silty clay loam	CL	A-7	0	0	100	100	98-100	95-100	40-50	15-25

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
23C:													
Arispe----------	90	0-7	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	20-30
		7-26	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	45-60	25-35
		26-39	Silty clay loam	CL, CH	A-7	0	0	100	100	100	95-100	40-55	20-30
		39-60	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-50	20-30
23C2:													
Arispe----------	90	0-10	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	20-30
		10-39	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	45-60	25-35
		39-60	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	20-30
41B:													
Sparta----------	95	0-20	Loamy fine sand	SM	A-4, A-2	0	0	85-100	85-100	50-95	15-50	0-14	NP
		20-60	Loamy fine sand, fine sand, sand	SM, SP-SM	A-2, A-4, A-3	0	0	85-100	85-100	50-95	5-50	0-14	NP
41C:													
Sparta----------	95	0-20	Loamy fine sand	SM	A-2, A-4	0	0	85-100	85-100	50-95	15-50	0-14	NP
		20-60	Loamy fine sand, fine sand, sand	SM, SP-SM	A-2, A-4, A-3	0	0	85-100	85-100	50-95	5-50	0-14	NP
41E:													
Sparta----------	95	0-20	Loamy fine sand	SM	A-4, A-2	0	0	85-100	85-100	50-95	15-50	0-14	NP
		20-60	Loamy fine sand, fine sand, sand	SM, SP-SM	A-3, A-2, A-4	0	0	85-100	85-100	50-95	5-50	0-14	NP
51:													
Vesser----------	95	0-15	Silt loam	CL	A-6	0	0	100	100	98-100	95-100	30-40	10-20
		15-30	Silt loam	CL	A-6	0	0	100	100	98-100	95-100	30-40	10-20
		30-60	Silty clay loam	CL	A-7	0	0	100	100	98-100	95-100	40-50	15-25

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
54:													
Zook----------	95	0-24	Silty clay loam	CH, CL	A-7	0	0	100	100	95-100	95-100	45-65	20-35
		24-40	Silty clay, silty clay loam	CH	A-7	0	0	100	100	95-100	95-100	60-85	35-55
		40-60	Silty clay loam, silty clay, silt loam	CH, CL, ML, MH	A-6, A-7	0	0	100	100	95-100	95-100	35-80	10-50
56B:													
Cantril---------	90	0-17	Loam	CL	A-6	0	0	100	100	85-95	65-75	30-40	11-20
		17-60	Clay loam	CL	A-6, A-7	0	0	100	100	90-100	70-88	35-45	15-25
58D2:													
Douds----------	90	0-11	Loam	CL	A-6	0	0	95-100	85-100	70-90	60-80	25-35	10-20
		11-34	Clay loam, loam, sandy clay loam	SC, CL	A-6, A-7	0	0	90-100	85-100	70-80	35-60	30-45	15-25
		34-60	Stratified loamy sand to clay loam	CL-ML, SC-SM, SC, CL	A-2, A-6, A-4	0	0	90-100	85-100	65-85	20-60	15-35	5-15
58E:													
Douds----------	85	0-11	Loam	CL	A-6	0	0	95-100	85-100	70-90	60-80	25-35	10-20
		11-34	Clay loam, loam, sandy clay loam	SC, CL	A-7, A-6	0	0	90-100	85-100	70-80	35-60	30-45	15-25
		34-60	Stratified loamy sand to clay loam	SC-SM, SC, CL, CL-ML	A-4, A-2, A-6	0	0	90-100	85-100	65-85	20-60	15-35	5-15

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
58E2:													
Douds----------	90	0-11	Loam	CL	A-6	0	0	95-100	85-100	70-90	60-80	25-35	10-20
		11-34	Clay loam, loam, sandy clay loam	SC, CL	A-7, A-6	0	0	90-100	85-100	70-80	35-60	30-45	15-25
		34-60	Stratified loamy sand to clay loam	SC-SM, CL, CL-ML, SC	A-4, A-2, A-6	0	0	90-100	85-100	65-85	20-60	15-35	5-15
58G:													
Douds----------	90	0-11	Loam	CL	A-6	0	0	95-100	85-100	70-90	60-80	25-35	10-20
		11-34	Clay loam, loam, sandy clay loam	SC, CL	A-7, A-6	0	0	90-100	85-100	70-80	35-60	30-45	15-25
		34-60	Stratified loamy sand to clay loam	SC, CL-ML, SC-SM, CL	A-4, A-2, A-6	0	0	90-100	85-100	65-85	20-60	15-35	5-15
65E:													
Lindley---------	85	0-8	Loam	CL	A-6	0	0	95-100	90-100	85-95	50-65	25-35	10-15
		8-42	Clay loam, loam	CL	A-7, A-6	0	0	95-100	90-100	85-95	55-75	30-45	12-20
		42-79	Loam, clay loam	CL	A-6	0	0	95-100	90-100	85-95	50-70	25-35	10-15
65E2:													
Lindley---------	85	0-8	Loam	CL	A-6	0	0	95-100	90-100	85-95	50-65	25-35	10-15
		8-42	Clay loam, loam	CL	A-6, A-7	0	0	95-100	90-100	85-95	55-75	30-45	12-20
		42-79	Loam, clay loam	CL	A-6	0	0	95-100	90-100	85-95	50-70	25-35	10-15
65F:													
Lindley---------	85	0-8	Loam	CL	A-6	0	0	95-100	90-100	85-95	50-65	25-35	10-15
		8-42	Clay loam, loam	CL	A-7, A-6	0	0	95-100	90-100	85-95	55-75	30-45	12-20
		42-79	Loam, clay loam	CL	A-6	0	0	95-100	90-100	85-95	50-70	25-35	10-15
65G:													
Lindley---------	90	0-8	Loam	CL	A-6	0	0	95-100	90-100	85-95	50-65	25-35	10-15
		8-42	Clay loam, loam	CL	A-6, A-7	0	0	95-100	90-100	85-95	55-75	30-45	12-20
		42-79	Loam, clay loam	CL	A-6	0	0	95-100	90-100	85-95	50-70	25-35	10-15

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
75B:													
Givin----------	90	0-11	Silt loam	CL, ML	A-4, A-6	0	0	100	100	100	95-100	30-40	5-15
		11-32	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	45-60	25-35
		32-60	Silty clay loam	CL	A-7, A-6	0	0	100	100	100	95-100	35-50	20-30
76B:													
Ladoga----------	95	0-11	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	100	95-100	25-40	5-15
		11-36	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		36-70	Silty clay loam, silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	15-20
76C:													
Ladoga----------	95	0-11	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	95-100	25-40	5-15
		11-36	Silty clay loam, silty clay	CL, CH	A-7	0	0	100	100	100	95-100	40-55	25-35
		36-70	Silty clay loam, silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	15-20
80B:													
Clinton---------	95	0-11	Silt loam	ML	A-4	0	0	100	100	100	95-100	30-40	5-10
		11-60	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		60-86	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	15-25

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
80C:													
Clinton---------	90	0-11	Silt loam	ML	A-4	0	0	100	100	100	95-100	30-40	5-10
		11-60	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		60-86	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	15-25
80C2:													
Clinton---------	90	0-11	Silt loam	ML	A-4	0	0	100	100	100	95-100	30-40	5-10
		11-60	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		60-86	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	15-25
80D2:													
Clinton---------	95	0-11	Silt loam	ML	A-4	0	0	100	100	100	95-100	30-40	5-10
		11-60	Silty clay loam, silty clay	CL, CH	A-7	0	0	100	100	100	95-100	40-55	25-35
		60-86	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	15-25
88:													
Nevin----------	90	0-19	Silty clay loam	OL, CL, ML	A-6, A-7	0	0	100	100	100	90-95	35-45	10-20
		19-56	Silty clay loam	CL	A-7	0	0	100	100	95-100	90-95	40-50	20-30
		56-72	Silty clay loam, silt loam	CL	A-7	0	0	100	100	95-100	90-95	40-50	20-30
93D2:													
Shelby----------	50	0-7	Clay loam	CL	A-6, A-7	0	0	90-95	85-95	75-90	55-70	35-45	15-25
		7-42	Clay loam	CL	A-6, A-7	0	0	90-95	85-95	75-90	55-70	35-45	15-25
		42-60	Clay loam	CL	A-6, A-7	0	0-5	90-95	85-95	75-90	55-70	30-45	15-25

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
Adair----------	40	0-7	Clay loam	CL	A-6	0	0	95-100	80-95	75-90	60-80	30-40	10-20
		7-43	Silty clay, clay, clay loam	CH, CL	A-7	0	0	95-100	80-95	70-90	55-80	40-55	20-30
		43-60	Clay loam	CL	A-6, A-7	0	0	95-100	80-95	70-90	55-80	35-50	15-25
122:													
Sperry----------	95	0-20	Silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	10-20
		20-34	Silty clay loam, silty clay	CH	A-7	0	0	100	100	100	95-100	50-65	25-35
		34-60	Silty clay loam, silty clay	CH	A-7	0	0	100	100	100	95-100	50-65	25-35
130:													
Belinda---------	95	0-8	Silt loam	CL, ML	A-6, A-4	0	0	100	100	100	95-100	30-40	5-15
		8-16	Silt loam	ML, CL-ML, CL	A-4	0	0	100	100	100	95-100	25-35	5-10
		16-36	Silty clay, silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	20-30
		36-75	Silty clay loam	CH	A-7	0	0	100	100	100	95-100	50-65	25-35
131B:													
Pershing--------	95	0-9	Silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	10-20
		9-32	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	15-30
		32-50	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-65	20-40
		50-60	Silty clay loam, silt loam	CH, CL	A-7, A-6	0	0	100	100	100	95-100	35-55	20-35

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
131C:													
Pershing--------	90	0-9	Silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	10-20
		9-32	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	15-30
		32-50	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-65	20-40
		50-60	Silty clay loam, silt loam	CH, CL	A-7, A-6	0	0	100	100	100	95-100	35-55	20-35
132B:													
Weller----------	95	0-16	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	100	95-100	25-40	5-15
		16-44	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	45-65	30-40
		44-64	Silty clay loam, silt loam	CL, CH	A-6, A-7	0	0	100	100	100	95-100	30-55	10-30
132C:													
Weller----------	90	0-16	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	100	95-100	25-40	5-15
		16-44	Silty clay loam, silty clay	CL, CH	A-7	0	0	100	100	100	95-100	45-65	30-40
		44-64	Silty clay loam, silt loam	CH, CL	A-6, A-7	0	0	100	100	100	95-100	30-55	10-30
133:													
Colo----------	95	0-10	Silty clay loam	CL, CH	A-7	0	0	100	100	90-100	90-100	40-60	15-30
		10-30	Silty clay loam	CH, CL	A-7	0	0	100	100	90-100	90-100	40-55	20-30
		30-60	Silty clay loam, clay loam, silt loam	CL, CH	A-7	0	0	100	100	95-100	80-100	40-55	15-30

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
133+:													
Colo----------	95	0-10	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	95-100	95-100	25-40	5-15
		10-30	Silty clay loam	CH, CL	A-7	0	0	100	100	90-100	90-100	40-55	20-30
		30-60	Silty clay loam, clay loam, silt loam	CL, CH	A-7	0	0	100	100	95-100	80-100	40-55	15-30
173:													
Hoopeston-------	85	0-20	Fine sandy loam	SM, SC-SM, SC	A-4, A-2	0	0	90-100	90-100	70-90	25-45	15-25	NP-10
		20-40	Sandy loam, fine sandy loam	SC, SM, SC-SM	A-4, A-2	0	0	90-100	90-100	60-85	25-50	15-30	NP-10
		40-60	Loamy sand, sand, fine sand	SM, SC, SP-SM, SC-SM	A-3, A-2	0	0	90-100	90-100	50-80	5-20	15-25	NP-10
178:													
Waukee----------	95	0-18	Loam	CL	A-6	0	0	100	90-100	70-90	50-75	30-40	10-20
		18-38	Loam, sandy clay loam	SC-SM, SC, CL, CL-ML	A-6, A-4	0	0-5	85-95	80-95	65-85	40-60	20-35	5-15
		38-60	Very gravelly loamy sand, gravelly sand, loamy coarse sand, sand	SM, SW, SP, SP-SM	A-1	0-5	0-10	60-90	60-85	20-40	3-25	0-14	NP
179E:													
Gara----------	90	0-11	Loam	CL, CL-ML	A-4, A-6	0	0	95-100	85-95	75-85	55-70	20-30	5-15
		11-40	Clay loam, loam	CL	A-6	0	0-5	90-95	85-95	70-85	55-75	30-40	15-25
		40-60	Loam, clay loam	CL	A-7, A-6	0	0-5	90-95	85-95	70-85	55-75	35-45	15-25
179E2:													
Gara----------	90	0-11	Clay loam, loam	CL	A-7, A-6	0	0	90-95	85-95	70-85	55-75	35-45	15-25
		11-40	Clay loam, loam	CL	A-6	0	0-5	90-95	85-95	70-85	55-75	30-40	15-25
		40-60	Clay loam, loam	CL	A-6	0	0-5	90-95	85-95	70-85	55-75	30-40	15-25

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
179F:													
Gara----------	90	0-11	Loam	CL-ML, CL	A-6, A-4	0	0	95-100	85-95	75-85	55-70	20-30	5-15
		11-40	Clay loam, loam	CL	A-6	0	0-5	90-95	85-95	70-85	55-75	30-40	15-25
		40-60	Loam, clay loam	CL	A-6, A-7	0	0-5	90-95	85-95	70-85	55-75	35-45	15-25
192C2:													
Adair----------	95	0-7	Clay loam	CL	A-6	0	0	95-100	80-95	75-90	60-80	30-40	10-20
		7-43	Silty clay, clay, clay loam	CH, CL	A-7	0	0	95-100	80-95	70-90	55-80	40-55	20-30
		43-60	Clay loam	CL	A-6, A-7	0	0	95-100	80-95	70-90	55-80	35-50	15-25
192D:													
Adair----------	90	0-13	Silty clay loam	CL	A-6	0	0	95-100	80-95	75-90	60-80	30-40	10-20
		13-43	Silty clay, clay, clay loam	CL, CH	A-7	0	0	95-100	80-95	70-90	55-80	40-55	20-30
		43-60	Clay loam	CL	A-6, A-7	0	0	95-100	80-95	70-90	55-80	35-50	15-25
192D2:													
Adair----------	90	0-7	Clay loam	CL	A-6	0	0	95-100	80-95	75-90	60-80	30-40	10-20
		7-43	Silty clay, clay, clay loam	CL, CH	A-7	0	0	95-100	80-95	70-90	55-80	40-55	20-30
		43-60	Clay loam	CL	A-7, A-6	0	0	95-100	80-95	70-90	55-80	35-50	15-25
208:													
Landes----------	85	0-19	Fine sandy loam	SC-SM, SM, SC	A-2-4, A-4	0	0	100	70-100	70-95	20-50	15-25	NP-10
		19-45	Loam, very fine sandy loam, loamy fine sand	SM, SC, SC-SM, CL-ML	A-2-4, A-4	0	0	100	85-100	70-100	15-60	15-25	NP-10
		45-60	Stratified sand to silt loam	SP-SM, SM, SC-SM, SC	A-2-4, A-4	0	0	100	85-100	70-85	10-50	15-30	NP-10

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
211:													
Edina----------	95	0-7	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	95-100	85-100	25-40	5-15
		7-23	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	95-100	85-100	25-40	5-15
		23-52	Silty clay, clay	CH	A-7	0	0	100	100	95-100	90-100	55-75	30-45
		52-60	Silty clay loam	CH, CL	A-6, A-7	0	0	100	100	95-100	90-100	35-60	15-35
220:													
Nodaway---------	90	0-6	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	95-100	95-100	90-100	25-35	5-15
		6-64	Silt loam, silty clay loam	CL-ML, CL	A-4, A-6	0	0	100	95-100	95-100	90-100	25-40	5-15
222C:													
Clarinda--------	85	0-10	Silty clay loam	CL	A-7	0	0	100	95-100	90-100	85-100	40-50	20-30
		10-39	Silty clay, clay	CH	A-7	0	0	100	95-100	85-100	80-100	55-70	30-40
		39-72	Clay, silty clay	CH	A-7	0	0	95-100	95-100	80-95	75-90	55-70	35-45
222C2:													
Clarinda--------	85	0-10	Silty clay loam	CL	A-7	0	0	100	95-100	90-100	85-100	40-50	20-30
		10-39	Silty clay, clay	CH	A-7	0	0	100	95-100	85-100	80-100	55-70	30-40
		39-72	Clay, silty clay	CH	A-7	0	0	95-100	95-100	80-95	75-90	55-70	35-45
223C2:													
Rinda----------	95	0-7	Silty clay loam	CL	A-7	0	0	100	95-100	90-100	85-100	40-50	20-30
		7-60	Clay, silty clay	CH	A-7	0	0	95-100	95-100	80-95	75-90	55-70	35-45
223D2:													
Rinda----------	90	0-7	Silty clay loam	CL	A-7	0	0	100	95-100	90-100	85-100	40-50	20-30
		7-60	Clay, silty clay	CH	A-7	0	0	95-100	95-100	80-95	75-90	55-70	35-45

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
230C:													
Arispe----------	60	0-7	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	20-30
		7-26	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	45-60	25-35
		26-39	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	20-30
		39-60	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	100	95-100	35-50	20-30
Clearfield------	30	0-16	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	45-55	20-30
		16-40	Silty clay loam	CH	A-7	0	0	100	100	100	95-100	50-60	25-35
		40-60	Silty clay, silty clay loam, clay	CH	A-7	0	0	100	100	95-100	80-90	55-70	35-45
260:													
Beckwith--------	95	0-8	Silt loam	ML, CL-ML, CL	A-4	0	0	100	100	100	95-100	25-35	5-10
		8-15	Silt loam	CL, ML	A-6, A-4	0	0	100	100	100	95-100	30-40	5-15
		15-36	Silty clay	CH	A-7	0	0	100	100	100	95-100	55-70	30-40
		36-70	Silty clay loam	CH	A-7	0	0	100	100	100	95-100	50-65	25-35
269:													
Humeston--------	90	0-14	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	95-100	95-100	25-40	5-15
		14-22	Silt loam	CL-ML, CL	A-4, A-6	0	0	100	100	95-100	95-100	25-40	5-15
		22-60	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	95-100	95-100	45-55	25-35
276C2:													
Ladoga----------	50	0-11	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	95-100	25-40	5-15
		11-36	Silty clay loam, silty clay	CL, CH	A-7	0	0	100	100	100	95-100	40-55	25-35
		36-70	Silty clay loam, silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	15-20

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
Hedrick---------	40	0-7	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	95-100	25-40	5-15
		7-44	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		44-60	Silty clay loam, silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	15-20
279:													
Taintor---------	85	0-20	Silty clay loam	CL, CH	A-7	0	0	100	100	100	95-100	45-60	20-30
		20-46	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	45-60	20-30
		46-60	Silty clay, silty clay loam	CH	A-7	0	0	100	100	100	95-100	50-65	25-35
280:													
Mahaska---------	85	0-23	Silty clay loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-50	15-25
		23-46	Silty clay loam, silty clay	CH, MH	A-7	0	0	100	100	100	95-100	50-60	20-30
		46-70	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	100	95-100	35-45	15-20
280B:													
Mahaska---------	90	0-23	Silty clay loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-50	15-25
		23-46	Silty clay loam, silty clay	MH, CH	A-7	0	0	100	100	100	95-100	50-60	20-30
		46-70	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	15-20
281B:													
Otley----------	95	0-16	Silty clay loam	CL	A-7	0	0	100	100	100	95-100	40-50	15-25
		16-40	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		40-60	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	100	95-100	35-45	20-30

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
281C:													
Otley----------	95	0-16	Silty clay loam	CL	A-7	0	0	100	100	100	95-100	40-50	15-25
		16-40	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		40-60	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	20-30
313E:													
Gosport---------	85	0-7	Silt loam	CL-ML, CL	A-4, A-6	0	0	100	90-100	90-100	70-100	25-40	5-15
		7-27	Clay, silty clay, silty clay loam	CH	A-7	0	0	100	90-100	90-100	85-100	50-65	35-50
		27-72	Weathered bedrock			---	---	---	---	---	---	---	---
313E2:													
Gosport---------	85	0-7	Silt loam	CL-ML, CL	A-4, A-6	0	0	100	90-100	90-100	70-100	25-40	5-15
		7-27	Clay, silty clay, silty clay loam	CH	A-7	0	0	100	90-100	90-100	85-100	50-65	35-50
		27-72	Weathered bedrock			---	---	---	---	---	---	---	---
313F:													
Gosport---------	85	0-7	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	90-100	90-100	70-100	25-40	5-15
		7-27	Clay, silty clay, silty clay loam	CH	A-7	0	0	100	90-100	90-100	85-100	50-65	35-50
		27-72	Weathered bedrock			---	---	---	---	---	---	---	---

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
315:													
Landes----------	40	0-19	Fine sandy loam	SM, SC-SM, SC	A-2-4, A-4	0	0	100	70-100	70-95	20-50	15-25	NP-10
		19-45	Loam, very fine sandy loam, loamy fine sand	CL-ML, SC-SM, SC, SM	A-2-4, A-4	0	0	100	85-100	70-100	15-60	15-25	NP-10
		45-60	Stratified sand to silt loam	SC, SM, SC-SM, SP-SM	A-2-4, A-4	0	0	100	85-100	70-85	10-50	15-30	NP-10
Perks----------	30	0-9	Loamy sand	SM, SP, SP-SM	A-1	0	0	90-100	90-95	30-50	3-20	0-14	NP
		9-72	Sand, loamy sand	SP-SM, SM, SP	A-1	0	0	90-100	90-95	30-50	3-20	0-14	NP
Nodaway---------	20	0-6	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	95-100	95-100	90-100	25-35	5-15
		6-64	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	0	0	100	95-100	95-100	90-100	25-40	5-15
362:													
Haig----------	90	0-11	Silt loam	CL	A-7, A-6	0	0	100	100	100	95-100	35-45	15-25
		11-22	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	20-30
		22-36	Silty clay	CH	A-7	0	0	100	100	100	95-100	50-65	30-40
		36-72	Silty clay loam	CH, CL	A-7, A-6	0	0	100	100	100	95-100	35-55	20-30
363:													
Haig----------	95	0-11	Silty clay loam	CH, ML, CL, MH	A-7	0	0	100	100	100	95-100	40-55	15-25
		11-22	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	20-30
		22-36	Silty clay	CH	A-7	0	0	100	100	100	95-100	50-65	30-40
		36-72	Silty clay loam	CH, CL	A-6, A-7	0	0	100	100	100	95-100	35-55	20-30

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
364B:													
Grundy----------	90	0-10	Silt loam	CL	A-7, A-6	0	0	100	100	95-100	90-100	30-45	10-20
		10-19	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	95-100	90-100	45-55	25-35
		19-28	Silty clay	CH	A-7	0	0	100	100	95-100	90-100	50-70	30-45
		28-86	Silty clay loam	CL, CH	A-7	0	0	100	100	90-100	90-100	40-55	25-35
380B:													
Mahaska---------	90	0-23	Silt loam	CL-ML, CL	A-6, A-4	0	0	100	100	100	95-100	25-35	5-15
		23-46	Silty clay loam, silty clay	CH, MH	A-7	0	0	100	100	100	95-100	50-60	20-30
		46-70	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	15-20
424D2:													
Lindley---------	60	0-8	Loam	CL	A-6	0	0	95-100	90-100	85-95	50-65	25-35	10-15
		8-42	Clay loam, loam	CL	A-7, A-6	0	0	95-100	90-100	85-95	55-75	30-45	10-20
		42-79	Loam, clay loam	CL	A-6	0	0	95-100	90-100	85-95	50-70	25-35	10-15
Keswick---------	30	0-11	Loam	CL, CL-ML	A-4, A-6	0	0-5	90-100	80-100	75-90	60-80	20-30	5-15
		11-50	Clay loam, clay	CH, CL	A-7	0	0-5	90-100	80-100	70-90	55-80	40-70	20-40
		50-60	Clay loam	CL	A-6	0	0-5	90-100	80-100	70-90	55-80	30-40	15-25
424E:													
Lindley---------	60	0-8	Loam	CL	A-6	0	0	95-100	90-100	85-95	50-65	25-35	10-15
		8-42	Clay loam, loam	CL	A-7, A-6	0	0	95-100	90-100	85-95	55-75	30-45	10-20
		42-79	Loam, clay loam	CL	A-6	0	0	95-100	90-100	85-95	50-70	25-35	10-15
Keswick---------	30	0-11	Loam	CL, CL-ML	A-4, A-6	0	0-5	90-100	80-100	75-90	60-80	20-30	5-15
		11-50	Clay loam, clay	CL, CH	A-7	0	0-5	90-100	80-100	70-90	55-80	40-70	20-40
		50-60	Clay loam	CL	A-6	0	0-5	90-100	80-100	70-90	55-80	30-40	15-25
424E2:													
Lindley---------	60	0-8	Loam	CL	A-6	0	0	95-100	90-100	85-95	50-65	25-35	10-15
		8-42	Clay loam, loam	CL	A-7, A-6	0	0	95-100	90-100	85-95	55-75	30-45	10-20
		42-79	Loam, clay loam	CL	A-6	0	0	95-100	90-100	85-95	50-70	25-35	10-15

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
Keswick---------	30	0-11	Loam	CL, CL-ML	A-4, A-6	0	0-5	90-100	80-100	75-90	60-80	20-30	5-15
		11-50	Clay loam, clay	CH, CL	A-7	0	0-5	90-100	80-100	70-90	55-80	40-70	20-40
		50-60	Clay loam	CL	A-6	0	0-5	90-100	80-100	70-90	55-80	30-40	15-25
425D:													
Keswick---------	90	0-11	Loam	CL, CL-ML	A-4, A-6	0	0-5	90-100	80-100	75-90	60-80	20-30	5-15
		11-50	Clay loam, clay	CH, CL	A-7	0	0-5	90-100	80-100	70-90	55-80	40-70	20-40
		50-60	Clay loam	CL	A-6	0	0-5	90-100	80-100	70-90	55-80	30-40	15-25
425D2:													
Keswick---------	85	0-11	Loam	CL-ML, CL	A-6, A-4	0	0-5	90-100	80-100	75-90	60-80	20-30	5-15
		11-50	Clay loam, clay	CH, CL	A-7	0	0-5	90-100	80-100	70-90	55-80	40-70	20-40
		50-60	Clay loam	CL	A-6	0	0-5	90-100	80-100	70-90	55-80	30-40	15-25
451D2:													
Caleb----------	85	0-7	Loam	CL	A-6	0	0	95-100	85-100	70-90	60-80	30-40	10-20
		7-36	Clay loam, loam, sandy clay loam	CL	A-7, A-6	0	0	90-100	85-100	60-80	50-75	35-45	15-25
		36-72	Sandy clay loam, sandy loam, clay loam	CL, SC-SM, SC, CL-ML	A-6, A-4	0	0	95-100	85-100	70-90	35-80	20-40	5-20
453:													
Tuskeego--------	85	0-18	Silt loam	CL-ML, CL	A-4, A-6	0	0	100	100	95-100	95-100	25-35	5-15
		18-49	Silty clay loam, silty clay	CH	A-7	0	0	100	100	95-100	95-100	50-60	25-35
		49-60	Silty clay loam	CL, CH	A-7	0	0	100	100	95-100	95-100	45-55	25-35
478G:													
Gosport---------	50	0-7	Silty clay loam	ML, MH	A-7	0	0	100	90-100	90-100	85-100	41-55	11-20
		7-27	Clay, silty clay, silty clay loam	CH	A-7	0	0	100	90-100	90-100	85-100	50-65	35-50
		27-72	Weathered bedrock			---	---	---	---	---	---	---	---

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
Rock Outcrop----	40	---	---	---	---	---	---	---	---	---	---	---	---
520:													
Coppock---------	85	0-8	Silt loam	CL	A-6	0	0	100	100	98-100	95-100	30-40	10-20
		8-24	Silt loam	CL	A-6	0	0	100	100	98-100	95-100	30-40	10-20
		24-40	Silty clay loam, silt loam	CL, ML, CH, MH	A-6, A-7	0	0	100	100	98-100	95-100	35-55	15-25
		40-60	Silty clay loam	CH, CL	A-7	0	0	100	100	98-100	95-100	40-60	15-30
570C:													
Nira----------	90	0-12	Silty clay loam	CH, CL, ML, MH	A-7	0	0	100	100	100	95-100	40-55	15-25
		12-42	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	20-30
		42-60	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	100	95-100	35-45	15-25
581C2:													
Otley----------	60	0-7	Silty clay loam	CL	A-7	0	0	100	100	100	95-100	40-50	15-25
		7-16	Silty clay loam	CL	A-7	0	0	100	100	100	95-100	40-50	15-25
		16-40	Silty clay loam, silty clay	CL, CH	A-7	0	0	100	100	100	95-100	40-55	25-35
		40-60	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	100	95-100	35-45	20-30
Nira----------	35	0-12	Silty clay loam	CH, CL, ML, MH	A-7	0	0	100	100	100	95-100	40-55	15-25
		12-42	Silty clay loam	CL, CH	A-7	0	0	100	100	100	95-100	40-55	20-30
		42-60	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	100	95-100	35-45	15-25

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
592C2:													
Mystic----------	85	0-8	Silt loam	CL	A-6, A-7	0	0	100	100	80-100	65-90	30-45	10-25
		8-51	Clay loam, clay, silty clay	CH, CL	A-7	0	0	100	90-100	80-100	65-80	40-55	25-35
		51-65	Sandy clay loam, loam	SC-SM, SC, CL-ML, CL	A-6, A-4	0	0-5	90-100	80-100	70-95	40-65	25-40	5-20
		65-69	Stratified sandy loam to clay	CL-ML, SC-SM, SC, CL	A-4, A-2, A-6	0	0-5	90-100	80-100	65-95	30-60	20-35	5-15
592D2:													
Mystic----------	85	0-8	Silt loam	CL	A-6, A-7	0	0	100	100	80-100	65-90	30-45	10-25
		8-51	Clay loam, clay, silty clay	CH, CL	A-7	0	0	100	90-100	80-100	65-80	40-55	25-35
		51-65	Sandy clay loam, loam	CL, CL-ML, SC-SM, SC	A-6, A-4	0	0-5	90-100	80-100	70-95	40-65	25-40	5-20
		65-69	Stratified sandy loam to clay	CL, SC-SM, SC, CL-ML	A-4, A-2, A-6	0	0-5	90-100	80-100	65-95	30-60	20-35	5-15
594C2:													
Galland---------	85	0-6	Loam	CL	A-6	0	0	90-100	80-100	75-100	65-90	30-40	10-20
		6-38	Clay, clay loam, silty clay	CL, CH	A-7	0	0-5	90-100	80-100	75-100	65-80	40-55	25-35
		38-60	Stratified sandy loam to clay	SC-SM, CL-ML, SC, CL	A-2, A-6, A-4	0	0-5	90-100	80-100	65-95	30-60	20-35	5-15
594D2:													
Galland---------	85	0-6	Loam	CL	A-6	0	0	90-100	80-100	75-100	65-90	30-40	10-20
		6-38	Clay, clay loam, silty clay	CH, CL	A-7	0	0-5	90-100	80-100	75-100	65-80	40-55	25-35
		38-60	Stratified sandy loam to clay	SC-SM, SC, CL, CL-ML	A-4, A-2, A-6	0	0-5	90-100	80-100	65-95	30-60	20-35	5-15

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
594E2:													
Galland---------	85	0-6	Loam	CL	A-6	0	0	90-100	80-100	75-100	65-90	30-40	10-20
		6-38	Clay, clay loam, silty clay	CH, CL	A-7	0	0-5	90-100	80-100	75-100	65-80	40-55	25-35
		38-60	Stratified sandy loam to clay	CL, SC-SM, SC, CL-ML	A-2, A-6, A-4	0	0-5	90-100	80-100	65-95	30-60	20-35	5-15
688:													
Koszta----------	90	0-14	Silt loam	CL	A-6	0	0	100	100	95-100	95-100	30-40	10-20
		14-60	Silty clay loam	CL	A-7	0	0	100	100	95-100	95-100	40-50	20-30
715:													
Nodaway---------	60	0-6	Silt loam	CL-ML, CL	A-6, A-4	0	0	100	95-100	95-100	90-100	25-35	5-15
		6-64	Silt loam, silty clay loam	CL, CL-ML	A-6, A-4	0	0	100	95-100	95-100	90-100	25-40	5-15
Landes----------	30	0-19	Fine sandy loam	SC-SM, SC, SM	A-4, A-2-4	0	0	100	70-100	70-95	20-50	15-25	NP-10
		19-45	Loam, very fine sandy loam, loamy fine sand	SM, SC, CL-ML, SC-SM	A-4, A-2-4	0	0	100	85-100	70-100	15-60	15-25	NP-10
		45-60	Stratified sand to silt loam	SP-SM, SM, SC-SM, SC	A-4, A-2-4	0	0	100	85-100	70-85	10-50	15-30	NP-10
730B:													
Nodaway---------	60	0-6	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	95-100	95-100	90-100	25-35	5-15
		6-64	Silt loam, silty clay loam	CL, CL-ML	A-6, A-4	0	0	100	95-100	95-100	90-100	25-40	5-15
Cantril---------	30	0-17	Loam	CL	A-6	0	0	100	100	85-95	65-75	30-40	11-20
		17-60	Clay loam	CL	A-6, A-7	0	0	100	100	90-100	70-88	35-45	15-25

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
731C2:													
Pershing--------	90	0-6	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	15-30
		6-32	Silty clay loam	CL, CH	A-7	0	0	100	100	100	95-100	40-55	15-30
		32-50	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-65	20-40
		50-60	Silty clay loam, silt loam	CH, CL	A-7, A-6	0	0	100	100	100	95-100	35-55	20-35
732C2:													
Weller----------	90	0-6	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		6-44	Silty clay loam, silty clay	CL, CH	A-7	0	0	100	100	100	95-100	45-65	30-40
		44-64	Silty clay loam, silt loam	CH, CL	A-7, A-6	0	0	100	100	100	95-100	30-55	10-30
732D2:													
Weller----------	90	0-6	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		6-44	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	45-65	30-40
		44-64	Silty clay loam, silt loam	CH, CL	A-7, A-6	0	0	100	100	100	95-100	30-55	10-30
779:													
Kalona----------	90	0-15	Silty clay loam	MH	A-7	0	0	100	100	100	95-100	50-65	20-30
		15-30	Silty clay loam, silty clay	CH	A-7	0	0	100	100	100	95-100	50-65	25-35
		30-60	Silty clay loam, silt loam	CL	A-7	0	0	100	100	100	95-100	40-50	15-25

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
792C2:													
Armstrong-------	85	0-8	Loam	CL, CL-ML	A-4, A-6	0	0-5	90-100	80-95	75-90	55-80	20-30	5-15
		8-44	Clay loam, clay, silty clay loam	CH, ML, CL, MH	A-7	0	0-5	90-100	80-95	70-90	55-80	45-70	20-35
		44-68	Clay loam	CL	A-6	0	0-5	90-100	80-95	70-90	55-80	30-40	15-20
792D:													
Armstrong-------	85	0-8	Loam	CL-ML, CL	A-6, A-4	0	0-5	90-100	80-95	75-90	55-80	20-30	5-15
		8-44	Clay loam, clay, silty clay loam	CL, ML, CH, MH	A-7	0	0-5	90-100	80-95	70-90	55-80	45-70	20-35
		44-68	Clay loam	CL	A-6	0	0-5	90-100	80-95	70-90	55-80	30-40	15-20
792D2:													
Armstrong-------	85	0-8	Loam	CL, CL-ML	A-4, A-6	0	0-5	90-100	80-95	75-90	55-80	20-30	5-15
		8-44	Clay loam, clay, silty clay loam	CL, MH, CH, ML	A-7	0	0-5	90-100	80-95	70-90	55-80	45-70	20-35
		44-68	Clay loam	CL	A-6	0	0-5	90-100	80-95	70-90	55-80	30-40	15-20
795D2:													
Ashgrove--------	90	0-5	Silty clay loam	CL	A-7, A-6	0	0	100	95-100	90-100	85-100	35-45	15-25
		5-8	Silty clay, silty clay loam	CH	A-7	0	0	100	95-100	85-100	85-100	55-70	30-40
		8-68	Clay, silty clay	CH	A-7	0	0	95-100	95-100	75-90	75-90	50-60	25-35
831C2:													
Pershing--------	90	0-6	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	15-30
		6-32	Silty clay loam	CL, CH	A-7	0	0	100	100	100	95-100	40-55	15-30
		32-50	Silty clay loam, silty clay	CL, CH	A-7	0	0	100	100	100	95-100	40-65	20-40
		50-60	Silty clay loam, silt loam	CH, CL	A-7, A-6	0	0	100	100	100	95-100	35-55	20-35

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
832C2:													
Weller----------	90	0-6	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		6-44	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	45-65	30-40
		44-64	Silty clay loam, silt loam	CH, CL	A-6, A-7	0	0	100	100	100	95-100	30-55	10-30
876B:													
Ladoga----------	95	0-11	Silt loam	CL, CL-ML	A-6, A-4	0	0	100	100	100	95-100	25-40	5-15
		11-36	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		36-70	Silty clay loam, silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	15-20
876C:													
Ladoga----------	95	0-11	Silt loam	CL-ML, CL	A-4, A-6	0	0	100	100	100	95-100	25-40	5-15
		11-36	Silty clay loam, silty clay	CL, CH	A-7	0	0	100	100	100	95-100	40-55	25-35
		36-70	Silty clay loam, silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	15-20
876C2:													
Ladoga----------	95	0-11	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	100	100	95-100	25-40	5-15
		11-36	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		36-70	Silty clay loam, silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	15-20

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
880B:													
Clinton---------	95	0-11	Silt loam	ML	A-4	0	0	100	100	100	95-100	30-40	5-10
		11-60	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		60-86	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	15-25
880C:													
Clinton---------	90	0-11	Silt loam	ML	A-4	0	0	100	100	100	95-100	30-40	5-10
		11-60	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		60-86	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	15-25
880C2:													
Clinton---------	90	0-11	Silt loam	ML	A-4	0	0	100	100	100	95-100	30-40	5-10
		11-60	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		60-86	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	100	95-100	35-45	15-25
881B:													
Otley----------	95	0-16	Silty clay loam	CL	A-7	0	0	100	100	100	95-100	40-50	15-25
		16-40	Silty clay loam, silty clay	CL, CH	A-7	0	0	100	100	100	95-100	40-55	25-35
		40-60	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	20-30

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
881C2:													
Otley----------	90	0-7	Silty clay loam	CL	A-7	0	0	100	100	100	95-100	40-50	15-25
		7-16	Silty clay loam	CL	A-7	0	0	100	100	100	95-100	40-50	15-25
		16-40	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-55	25-35
		40-60	Silty clay loam, silt loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-45	20-30
892D2:													
Mystic Variant--	85	0-7	Silty clay loam	CH, CL, MH, ML	A-7	0	0	100	95-100	90-100	65-90	40-55	15-25
		7-18	Clay loam	CL	A-6, A-7	0	0	100	95-100	90-100	65-80	35-45	20-30
		18-68	Clay, clay loam	CH	A-7	0	0	95-100	80-95	70-90	55-80	50-70	35-45
977:													
Richwood--------	90	0-15	Silt loam	CL	A-4, A-6	0	0	100	100	90-100	85-95	25-35	8-13
		15-40	Silt loam, silty clay loam	CL	A-4, A-6	0	0	100	100	90-100	85-95	25-40	7-20
		40-60	Stratified loamy sand to silt loam	CL-ML, SC, SC-SM, CL	A-4, A-6	0	0	100	100	85-95	35-75	20-30	4-11
977B:													
Richwood--------	90	0-15	Silt loam	CL	A-6, A-4	0	0	100	100	90-100	85-95	25-35	8-13
		15-40	Silt loam, silty clay loam	CL	A-6, A-4	0	0	100	100	90-100	85-95	25-40	7-20
		40-60	Stratified loamy sand to silt loam	SC-SM, CL-ML, SC, CL	A-6, A-4	0	0	100	100	85-95	35-75	20-30	4-11
993D2:													
Gara----------	60	0-11	Clay loam, loam	CL	A-6, A-7	0	0	90-95	85-95	70-85	55-75	35-45	15-25
		11-40	Clay loam, loam	CL	A-6	0	0-5	90-95	85-95	70-85	55-75	30-40	15-25
		40-60	Clay loam, loam	CL	A-6	0	0-5	90-95	85-95	70-85	55-75	30-40	15-25

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
Armstrong-------	30	0-8	Loam	CL, CL-ML	A-4, A-6	0	0-5	90-100	80-95	75-90	55-80	20-30	5-15
		8-44	Clay loam, clay, silty clay loam	CL, ML, CH, MH	A-7	0	0-5	90-100	80-95	70-90	55-80	45-70	20-35
		44-68	Clay loam	CL	A-6	0	0-5	90-100	80-95	70-90	55-80	30-40	15-20
1075B:													
Givin----------	90	0-11	Silt loam	CL, ML	A-6, A-4	0	0	100	100	100	95-100	30-40	5-15
		11-32	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	45-60	25-35
		32-60	Silty clay loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-50	20-30
1130:													
Belinda---------	95	0-8	Silt loam	ML, CL	A-4, A-6	0	0	100	100	100	95-100	30-40	5-15
		8-16	Silt loam	CL, ML, CL-ML	A-4	0	0	100	100	100	95-100	25-35	5-10
		16-36	Silty clay, silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	20-30
		36-75	Silty clay loam	CH	A-7	0	0	100	100	100	95-100	50-65	25-35
1131B:													
Pershing--------	95	0-9	Silt loam	CL	A-6	0	0	100	100	100	95-100	30-40	10-20
		9-32	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	40-55	15-30
		32-50	Silty clay loam, silty clay	CH, CL	A-7	0	0	100	100	100	95-100	40-65	20-40
		50-60	Silty clay loam, silt loam	CH, CL	A-7, A-6	0	0	100	100	100	95-100	35-55	20-35
1132B:													
Weller----------	95	0-16	Silt loam	CL-ML, CL	A-4, A-6	0	0	100	100	100	95-100	25-40	5-15
		16-44	Silty clay loam, silty clay	CL, CH	A-7	0	0	100	100	100	95-100	45-65	30-40
		44-64	Silty clay loam, silt loam	CH, CL	A-7, A-6	0	0	100	100	100	95-100	30-55	10-30

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Wapello County, Iowa

Map symbol and component name	Component percent	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	
1220:													
Nodaway---------	85	0-6	Silt loam	CL, CL-ML	A-4, A-6	0	0	100	95-100	95-100	90-100	25-35	5-15
		6-64	Silt loam, silty clay loam	CL-ML, CL	A-4, A-6	0	0	100	95-100	95-100	90-100	25-40	5-15
1279:													
Taintor---------	85	0-20	Silty clay loam	CH, CL	A-7	0	0	100	100	100	95-100	45-60	20-30
		20-46	Silty clay loam	CL, CH	A-7	0	0	100	100	100	95-100	45-60	20-30
		46-60	Silty clay, silty clay loam	CH	A-7	0	0	100	100	100	95-100	50-65	25-35
1280:													
Mahaska---------	85	0-23	Silty clay loam	CL	A-6, A-7	0	0	100	100	100	95-100	35-50	15-25
		23-46	Silty clay loam, silty clay	MH, CH	A-7	0	0	100	100	100	95-100	50-60	20-30
		46-70	Silty clay loam, silt loam	CL	A-7, A-6	0	0	100	100	100	95-100	35-45	15-20
1315:													
Landes----------	50	0-19	Fine sandy loam	SM, SC-SM, SC	A-4, A-2-4	0	0	100	70-100	70-95	20-50	15-25	NP-10
		19-45	Loam, very fine sandy loam, loamy fine sand	SM, SC-SM, SC, CL-ML	A-4, A-2-4	0	0	100	85-100	70-100	15-60	15-25	NP-10
		45-60	Stratified sand to silt loam	SC-SM, SC, SP-SM, SM	A-4, A-2-4	0	0	100	85-100	70-85	10-50	15-30	NP-10
Perks----------	30	0-9	Loamy sand	SM, SP, SP-SM	A-1	0	0	90-100	90-95	30-50	3-20	0-14	NP
		9-72	Sand, loamy sand	SM, SP, SP-SM	A-1	0	0	90-100	90-95	30-50	3-20	0-14	NP

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

Wapello County, Iowa

Map symbol and component name	Component percent	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	
1977:													
Richwood Variant	90	0-22	Loam	CL, CL-ML	A-4, A-6	0	0	95-100	90-100	70-90	50-70	20-35	5-15
		22-49	Loam	CL, CL-ML	A-4, A-6	0	0	95-100	90-100	70-90	50-70	20-35	5-15
		49-60	Loam, sandy loam	CL, SC-SM, SC, CL-ML	A-4	0	0	95-100	90-100	70-90	40-60	20-30	5-10
4000:													
Urban Land------	100	---	---	---	---	---	---	---	---	---	---	---	---
5010:													
Pits----------	100	---	---	---	---	---	---	---	---	---	---	---	---
5020:													
Pits----------	100	---	---	---	---	---	---	---	---	---	---	---	---
5030:													
Pits----------	100	---	---	---	---	---	---	---	---	---	---	---	---
6313:													
Orthents--------	100	---	---	---	---	---	---	---	---	---	---	---	---
W:													
Water----------	100	---	---	---	---	---	---	---	---	---	---	---	---