

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Jasper County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
5B: Ackmore-----	50	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.60	Flooding	0.60
		Frost action	1.00				
		Flooding	1.00				
		Shrink-swell	1.00				
Colo-----	35	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.60	Flooding	0.60
		Frost action	1.00				
		Flooding	1.00				
		Shrink-swell	0.50				
7: Wiota-----	95	Very limited Low strength	1.00	Not limited		Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
		Flooding	0.40				
8: Judson-----	95	Very limited Low strength	1.00	Not limited		Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
8B: Judson-----	90	Very limited Low strength	1.00	Not limited		Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
8C: Judson-----	100	Very limited Low strength	1.00	Not limited		Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
20C2: Killduff-----	100	Very limited Low strength	1.00	Not limited		Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
20D2: Killduff-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Frost action	1.00				
		Slope	0.63				
		Shrink-swell	0.50				
20E2: Killduff-----	90	Very limited Low strength	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00				
		Slope	1.00				
		Shrink-swell	0.50				
24D2: Shelby-----	95	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63				
		Shrink-swell	0.50				
		Frost action	0.50				
24E2: Shelby-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00				
		Shrink-swell	0.50				
		Frost action	0.50				
24F2: Shelby-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00				
		Shrink-swell	0.50				
		Frost action	0.50				
27B: Terril-----	95	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Frost action	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
41B: Sparta-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.07
41C2: Sparta-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.07
41D2: Sparta-----	100	Very limited Slope	0.96	Very limited Slope cutbanks cave	0.96 0.90	Very limited Slope Droughty	0.96 0.12
43: Bremer-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.60	Flooding	0.60
		Frost action	1.00				
		Flooding	1.00				
		Shrink-swell	1.00				
54: Zook-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.60	Flooding	0.60
		Frost action	1.00	Too clayey	0.01		
		Flooding	1.00				
		Shrink-swell	1.00				
55: Nicollet-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
62D: Storden-----	95	Somewhat limited Frost action	0.50	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
		Slope	0.16				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
62E: Storden-----	95	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
62F: Storden-----	95	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
63C: Chelsea-----	90	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.53
63D: Chelsea-----	100	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope Droughty	0.63 0.53
63E: Chelsea-----	100	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.53
65E: Lindley-----	90	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
65E3: Lindley-----	95	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
65F: Lindley-----	90	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
65G: Lindley-----	95	Very limited Slope Low strength	1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell Frost action	0.50 0.50				
76B: Ladoga-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell Frost action	0.50 0.50				
76C2: Ladoga-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell Frost action	0.50 0.50				
76D2: Ladoga-----	95	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				
80C2: Clinton-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell Frost action	0.50 0.50				
80D2: Clinton-----	95	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
80D3: Clinton-----	85	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
80E2: Clinton-----	85	Very limited Low strength Slope Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
88: Nevin-----	90	Very limited Low strength Depth to saturated zone Frost action Shrink-swell Flooding	1.00 1.00 1.00 0.50 0.40	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
93D2: Shelby-----	60	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
Adair-----	30	Very limited Low strength Depth to saturated zone Frost action Shrink-swell Slope	1.00 1.00 1.00 1.00 0.63	Very limited Depth to saturated zone Slope Too clayey	1.00 0.63 0.41	Very limited Depth to saturated zone Slope	1.00 0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
93E2: Shelby-----	70	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
Adair-----	20	Very limited Depth to saturated zone Frost action Shrink-swell Slope	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Slope Too clayey	1.00 1.00 0.41	Very limited Depth to saturated zone Slope	1.00 1.00
94D2: Caleb-----	55	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
Mystic-----	45	Very limited Depth to saturated zone Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Very limited Depth to saturated zone Slope	1.00 0.63	Very limited Depth to saturated zone Slope	1.00 0.63
94E2: Caleb-----	50	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
Mystic-----	50	Very limited Depth to saturated zone Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Slope	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
107: Webster-----	95	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
117: Garwin-----	60	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Sperry-----	35	Very limited Low strength Depth to saturated zone Frost action Shrink-swell Ponding	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 0.01	Very limited Depth to saturated zone Ponding	1.00 1.00
118: Garwin-----	95	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
119: Muscatine-----	90	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
120: Tama-----	95	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
120B: Tama-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
120C2: Tama-----	90	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
120D2: Tama-----	90	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
122: Sperry-----	90	Very limited Low strength Depth to saturated zone Frost action Shrink-swell Ponding	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 0.01	Very limited Depth to saturated zone Ponding	1.00 1.00
133: Colo-----	100	Very limited Low strength Depth to saturated zone Frost action Flooding Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
133+: Colo-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.60	Flooding	0.60
		Frost action	1.00				
		Flooding	1.00				
		Shrink-swell	0.50				
135: Coland-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
135B: Coland-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
138B: Clarion-----	95	Somewhat limited Frost action	0.50	Not limited		Not limited	
138C2: Clarion-----	95	Somewhat limited Frost action	0.50	Not limited		Not limited	
138D2: Clarion-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Frost action	0.50				
138E2: Clarion-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	0.50				
162: Downs-----	100	Very limited Low strength	1.00	Not limited		Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
162B: Downs-----	95	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
162C2: Downs-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
162D2: Downs-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
162E2: Downs-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
163B: Fayette-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
163C2: Fayette-----	95	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
163D2: Fayette-----	90	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
163D3: Fayette-----	85	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
163E2: Fayette-----	90	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
163F2: Fayette-----	100	Very limited Low strength Slope Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
168E2: Hayden-----	90	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
168F: Hayden-----	95	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
168G: Hayden-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00

NONAGRICULTURAL INTERPRETATIONS

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
172: Wabash-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell Depth to saturated zone	1.00 1.00	Ponding Flooding	1.00 0.60	Too clayey Ponding	1.00 1.00
		Flooding Ponding	1.00 1.00	Too clayey	0.50	Flooding	0.60
174: Bolan-----	95	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
175B: Dickinson-----	95	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
175C: Dickinson-----	100	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
175D: Dickinson-----	100	Somewhat limited Slope Frost action	0.63 0.50	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope	0.63
179D2: Gara-----	85	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
179E2: Gara-----	85	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
179F2: Gara-----	95	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
179G: Gara-----	95	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
185E2: Bauer-----	95	Very limited Low strength Shrink-swell Slope Frost action	1.00 1.00 0.96 0.50	Very limited Slope Too clayey Depth to saturated zone Depth to soft bedrock	0.96 0.88 0.61 0.46	Very limited Slope Depth to bedrock Droughty	0.96 0.46 0.10
185F2: Bauer-----	95	Very limited Low strength Slope Shrink-swell Frost action	1.00 1.00 1.00 0.50	Very limited Slope Too clayey Depth to saturated zone Depth to soft bedrock	1.00 0.88 0.61 0.46	Very limited Slope Depth to bedrock Droughty	1.00 0.46 0.10
192D2: Adair-----	100	Very limited Low strength Depth to saturated zone Frost action Shrink-swell Slope	1.00 1.00 1.00 1.00 1.00 0.63	Very limited Depth to saturated zone Slope Too clayey	1.00 0.63 0.41	Very limited Depth to saturated zone Slope	1.00 0.63
212: Kennebec-----	95	Very limited Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone Flooding	0.61 0.60	Somewhat limited Flooding	0.60

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
220: Nodaway-----	85	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
222C2: Clarinda-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.50		
		Frost action	1.00				
		Shrink-swell	1.00				
222D2: Clarinda-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.63	Slope	0.63
		Frost action	1.00	Too clayey	0.50		
		Shrink-swell	1.00				
		Slope	0.63				
225: Lawler-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	cutbanks cave	0.90		
226: Lawler-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	cutbanks cave	0.90		
236B: Lester-----	95	Very limited Low strength	1.00	Not limited		Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				

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Jasper County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
236C2: Lester-----	100	Very limited Low strength	1.00	Not limited		Not limited	
		Shrink-swell Frost action	0.50 0.50				
236D2: Lester-----	95	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
273B: Olmitz-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.61	Not limited	
273C: Olmitz-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.61	Not limited	
279: Taintor-----	95	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
280: Mahaska-----	95	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00

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Jasper County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
281B: Otley-----	95	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell Frost action	0.50 0.50				
281C2: Otley-----	90	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell Frost action	0.50 0.50				
281D2: Otley-----	85	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				
284B: Flagler-----	90	Not limited		Very limited cutbanks cave	0.90	Not limited	
291: Atterberry-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 0.50				
293G: Chelsea-----	50	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.53
Fayette-----	40	Very limited Low strength Slope Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00

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Jasper County, Iowa

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
315: Alluvial Land-----	65	Not Rated Not rated; Fragments > 75mm Flooding	 1.00	Not Rated Not Rated, texture class Not rated; Fragments > 75mm Flooding	 0.80	Not Rated Not rated; Surface clay percent Not rated; Surface Fragments > 75mm Not rated; Sieve size, 3 to 10", > 10" Not rated; AWC Not rated; pH	
Nodaway-----	25	Very limited Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone Flooding	0.61 0.60	Somewhat limited Flooding	0.60
354: Marsh-----	90	Very limited Low strength Depth to saturated zone Frost action Flooding Ponding	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Flooding	1.00 1.00 0.60	Very limited Depth to saturated zone Ponding Flooding	1.00 1.00 0.60
428B: Ely-----	95	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00

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Jasper County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
430: Ackmore-----	85	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Flooding	0.60	Flooding	0.60
		Frost action	1.00				
		Flooding	1.00				
		Shrink-swell	1.00				
453: Tuskeego-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Shrink-swell	1.00				
		Frost action	0.50				
		Flooding	0.40				
507: Canisteo-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Frost action	1.00				
		Shrink-swell	0.50				
570B2: Nira-----	95	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
570C2: Nira-----	95	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				

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Jasper County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
570D2: Nira-----	95	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
620C2: Port Byron-----	95	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
620D2: Port Byron-----	95	Very limited Frost action Low strength Slope	1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
620E2: Port Byron-----	90	Very limited Frost action Slope Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
620F2: Port Byron-----	90	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
742B: Martinsburg-----	90	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Somewhat limited Depth to saturated zone	0.61	Not limited	
742C: Martinsburg-----	90	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Somewhat limited Depth to saturated zone	0.61	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
792D2: Armstrong-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.63	Slope	0.63
		Frost action	1.00	Too clayey	0.32		
		Shrink-swell	1.00				
		Slope	0.63				
822D2: Lamoni-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.63	Slope	0.63
		Shrink-swell	1.00	Too clayey	0.08		
		Slope	0.63				
		Frost action	0.50				
822E2: Lamoni-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.08		
		Slope	1.00				
		Frost action	0.50				
993D2: Gara-----	50	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63				
		Shrink-swell	0.50				
		Frost action	0.50				
Armstrong-----	40	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.63	Slope	0.63
		Frost action	1.00	Too clayey	0.32		
		Shrink-swell	1.00				
		Slope	0.63				

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
993E2: Gara-----	50	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Armstrong-----	30	Very limited Low strength Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Slope Too clayey	1.00 1.00 0.32	Very limited Depth to saturated zone Slope	1.00 1.00
993E3: Gara-----	50	Slope Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Armstrong-----	30	Very limited Low strength Depth to saturated zone Frost action Shrink-swell Slope	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Slope Too clayey	1.00 1.00 0.32	Very limited Depth to saturated zone Slope	1.00 1.00
5010: Pits, Sand And Gravel-----	100	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
C5B: Ackmore-----	50	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Frost action	1.00				
		Flooding	1.00				
		Shrink-swell	1.00				
Colo-----	35	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Frost action	1.00				
		Flooding	1.00				
		Shrink-swell	0.50				
C315: Alluvial Land-----	85	Very limited Frost action	1.00	Somewhat limited Flooding	0.80	Very limited Flooding	1.00
		Flooding	1.00	Depth to saturated zone	0.61		
		Low strength	1.00				
T120B: Tama-----	100	Very limited Low strength	1.00	Not limited		Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
T120C: Tama-----	100	Very limited Low strength	1.00	Not limited		Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
T162B: Downs-----	100	Very limited Low strength	1.00	Not limited		Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
T162C: Downs-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
W: Water-----	100	Not rated		Not rated		Not rated	