

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.)

Davis 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
13B: Olmitz-----	35	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Shrink-swell Frost action	0.50 0.50				
Vesser-----	30	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 Flooding	1.00 1.00 0.50 0.40				
Zook-----	20	Very limited Low strength	1.00	Very limited Depth to saturated zone Flooding	1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 1.00
		Frost action Flooding Shrink-swell	1.00 1.00 1.00	Too clayey	0.01		
24D2: Shelby-----	90	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				
24E2: Shelby-----	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
51: Vesser-----	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	0.50				
51+: Vesser-----	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				
		Flooding	1.00				
		Shrink-swell	0.50				
51B: Vesser-----	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				
		Flooding	0.40				
51B+: Vesser-----	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				
		Flooding	0.40				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
54: Zook-----	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	Too clayey	0.01		
		Flooding	1.00				
		Shrink-swell	1.00				
54+: Zook-----	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	Too clayey	0.01		
		Flooding	1.00				
		Shrink-swell	1.00				
56B: Cantril-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
58D2: Douds-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Shrink-swell	0.50	Depth to saturated zone	0.15		
		Frost action	0.50				
65E: Lindley-----	95	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				
65E2: Lindley-----	95	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				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
65F: 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
65F2: 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
80B: Clinton-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.15	Not limited	
80C: Clinton-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.15	Not limited	
80C2: Clinton-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.15	Not limited	
80D2: Clinton-----	95	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 0.15	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
93D2: Adair-----	60	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Frost action	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.41		
		Slope	0.63				
		Depth to saturated zone	0.19				
Shelby-----	30	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				
94E2: Caleb-----	60	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				
Mystic-----	35	Very limited Low strength	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00	Depth to saturated zone	0.61		
		Shrink-swell	1.00				
		Slope	1.00				
130: Belinda-----	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				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
131B: Pershing-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Frost action Shrink-swell	1.00 1.00	Too clayey	0.01		
131C2: Pershing-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Frost action Shrink-swell	1.00 1.00	Too clayey	0.01		
132B: Weller-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Frost action Shrink-swell	1.00 1.00				
132C: Weller-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Frost action Shrink-swell	1.00 1.00				
132C2: Weller-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Frost action Shrink-swell	1.00 1.00				
179D2: Gara-----	90	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope Shrink-swell Frost action	0.63 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
179E: Gara-----	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
179E2: Gara-----	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
179E3: Gara-----	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
179F: 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
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
179F3: 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
192C2: Adair-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action Shrink-swell Depth to saturated zone	1.00 1.00 0.19	Too clayey	0.41		
192D2: Adair-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Frost action Shrink-swell Slope Depth to saturated zone	1.00 1.00 0.63 0.19	Slope Too clayey	0.63 0.41	Depth to saturated zone	0.19
211: Edina-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone Frost action	1.00 0.50	Too clayey	0.72		
222C2: Clarinda-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action Shrink-swell Depth to saturated zone	1.00 1.00 0.19	Too clayey	0.50		
222C3: Clarinda-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action Shrink-swell Depth to saturated zone	1.00 1.00 0.19	Too clayey	0.50		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
223C2: Rinda-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action	1.00	Too clayey	0.50		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
223C3: Rinda-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action	1.00	Too clayey	0.50		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
260: Beckwith-----	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	0.18		
		Shrink-swell	1.00				
		Frost action	0.50				
261: Appanoose-----	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	0.82		
		Shrink-swell	1.00				
		Frost action	0.50				
263: Okaw-----	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				
		Flooding	0.40				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
269: Humeston-----	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				
		Flooding	1.00				
		Shrink-swell	1.00				
273B: Olmitz-----	90	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
312B: Seymour-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell	1.00	Too clayey	0.15		
		Frost action	0.50				
312B2: Seymour-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell	1.00	Too clayey	0.15		
		Frost action	0.50				
313E2: Gosport-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Slope	0.96
		Shrink-swell	1.00	Slope	0.96	Depth to bedrock	0.46
		Slope	0.96	Depth to soft bedrock	0.46	Droughty	0.22
		Frost action	0.50	Too clayey	0.32	Depth to saturated zone	0.03
		Depth to saturated zone	0.03				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
313G: Gosport-----	95	Very limited		Very limited		Very limited	
		Low strength	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00	Depth to bedrock	0.46
		Shrink-swell	1.00	Depth to soft bedrock	0.46	Droughty	0.22
		Frost action	0.50	Too clayey	0.32	Depth to saturated zone	0.03
		Depth to saturated zone	0.03				
313G2: Gosport-----	95	Very limited		Very limited		Very limited	
		Low strength	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00	Depth to bedrock	0.46
		Shrink-swell	1.00	Depth to soft bedrock	0.46	Droughty	0.22
		Frost action	0.50	Too clayey	0.32	Depth to saturated zone	0.03
		Depth to saturated zone	0.03				
362: Haig-----	90	Very limited		Very limited		Very limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.12		
		Frost action	1.00				
		Shrink-swell	1.00				
364B: Grundy-----	95	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.03
		Frost action	1.00	Too clayey	0.12		
		Shrink-swell	1.00				
		Depth to saturated zone	0.03				

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405: Floris-----	90	Very limited Flooding Low strength  Shrink-swell Frost action	1.00 0.78  0.50 0.50	Somewhat limited Flooding Depth to saturated zone	0.80 0.61	Very limited Flooding	1.00
423D2: Bucknell-----	90	Very limited Low strength  Shrink-swell Slope Frost action Depth to saturated zone	1.00 1.00 0.63 0.50 0.19	Very limited Depth to saturated zone Slope Too clayey	1.00 0.63 0.08	Somewhat limited Slope Depth to saturated zone	0.63 0.19
423D3: Bucknell-----	90	Very limited Low strength  Shrink-swell Slope Frost action Depth to saturated zone	1.00 1.00 0.63 0.50 0.19	Very limited Depth to saturated zone Slope Too clayey	1.00 0.63 0.08	Somewhat limited Slope Depth to saturated zone	0.63 0.19
424D2: Lindley-----	60	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
Keswick-----	30	Very limited Low strength  Frost action Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00 1.00 0.63 0.19	Very limited Depth to saturated zone Slope Too clayey	1.00 0.63 0.28	Somewhat limited Slope Depth to saturated zone	0.63 0.19

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
424E2: Lindley-----	60	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
Keswick-----	30	Very limited Low strength Frost action Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Slope Too clayey	1.00 1.00 0.28	Very limited Slope Depth to saturated zone	1.00 0.19
425C: Keswick-----	85	Very limited Low strength Frost action Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Too clayey	1.00 0.28	Somewhat limited Depth to saturated zone	0.19
425C2: Keswick-----	85	Very limited Low strength Frost action Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Too clayey	1.00 0.28	Somewhat limited Depth to saturated zone	0.19
425D: Keswick-----	85	Very limited Low strength Frost action Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00 0.63 0.19	Very limited Depth to saturated zone Slope Too clayey	1.00 0.63 0.28	Somewhat limited Slope Depth to saturated zone	0.63 0.19

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
425D2: Keswick-----	85	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Frost action	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope	1.00 0.63	Too clayey	0.28		
		Depth to saturated zone	0.19				
425D3: Keswick-----	85	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Frost action	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope	1.00 0.63	Too clayey	0.28		
		Depth to saturated zone	0.19				
430: Ackmore-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell Depth to saturated zone	0.50 0.19				
451D2: Caleb-----	90	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				

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452C2: Lineville-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				
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				
484: Lawson-----	85	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Depth to saturated zone	0.19				
520: Coppock-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Frost action	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Flooding	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				

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Davis 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
520B: Coppock-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action	1.00				
		Shrink-swell	0.50				
		Flooding	0.40				
		Depth to saturated zone	0.19				
531B: Kniffin-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell	1.00	Too clayey	0.68		
		Frost action	0.50				
531C: Kniffin-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell	1.00	Too clayey	0.68		
		Frost action	0.50				
531C2: Kniffin-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell	1.00	Too clayey	0.68		
		Frost action	0.50				
532B: Rathbun-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell	1.00	Too clayey	0.68		
		Frost action	0.50				
532C: Rathbun-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell	1.00	Too clayey	0.68		
		Frost action	0.50				

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Davis County, Iowa

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
532C2: Rathbun-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Shrink-swell Frost action	1.00 0.50	Too clayey	0.68		
587: Chequest-----	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 Frost action Flooding Shrink-swell	1.00 1.00 1.00 1.00	Flooding	0.60	Flooding	0.60
592C2: Mystic-----	90	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Frost action Shrink-swell	1.00 1.00				
592D2: Mystic-----	90	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Frost action Shrink-swell Slope	1.00 1.00 0.63	Depth to saturated zone	0.61		
592D3: Mystic-----	90	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Frost action Shrink-swell Slope	1.00 1.00 0.63	Depth to saturated zone	0.61		
594C2: Galland-----	90	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Frost action Shrink-swell	1.00 1.00	Too clayey	0.01		

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Davis County, Iowa

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
594D2: Galland-----	90	Very limited Low strength Frost action  Shrink-swell Slope	1.00 1.00 1.00  1.00 0.63	Somewhat limited Slope Depth to saturated zone Too clayey	0.63 0.61  0.01	Somewhat limited Slope	0.63
715: Nodaway-----	50	Very limited Frost action  Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone Flooding	0.61 0.60	Somewhat limited Flooding	0.60
Amana-----	35	Very limited Low strength  Frost action Flooding Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	0.95 0.60	Somewhat limited Flooding	0.60
730B: Nodaway-----	60	Very limited Frost action  Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone Flooding	0.61 0.60	Somewhat limited Flooding	0.60
Cantril-----	30	Very limited Low strength  Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	0.95	Not limited	
792C: Armstrong-----	85	Very limited Low strength  Frost action Shrink-swell Depth to saturated zone	1.00 1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Too clayey	1.00 0.32	Somewhat limited Depth to saturated zone	0.19

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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
792C2: Armstrong-----	85	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action	1.00	Too clayey	0.32		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
792C3: Armstrong-----	85	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action	1.00	Too clayey	0.32		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
792D: Armstrong-----	85	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Frost action	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.32		
		Slope	0.63				
		Depth to saturated zone	0.19				
792D2: Armstrong-----	85	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Frost action	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.32		
		Slope	0.63				
		Depth to saturated zone	0.19				

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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
792D3: Armstrong-----	85	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Frost action	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.32		
		Slope	0.63				
		Depth to saturated zone	0.19				
795D2: Ashgrove-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Frost action	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.50		
		Slope	0.63				
		Depth to saturated zone	0.19				
822D2: Lamoni-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Shrink-swell	1.00	Slope	0.63	Depth to saturated zone	0.19
		Slope	0.63	Too clayey	0.08		
		Frost action	0.50				
		Depth to saturated zone	0.19				
831B: Pershing-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Frost action	1.00	Too clayey	0.01		
		Shrink-swell	1.00				
831C2: Pershing-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Frost action	1.00	Too clayey	0.01		
		Shrink-swell	1.00				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
832B: Weller-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Frost action	1.00				
		Shrink-swell	1.00				
832C2: Weller-----	90	Very limited Low strength	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Frost action	1.00				
		Shrink-swell	1.00				
993D2: Gara-----	60	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				
Armstrong-----	30	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Frost action	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.32		
		Slope	0.63				
		Depth to saturated zone	0.19				
993D3: Gara-----	60	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				

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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
Armstrong-----	30	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Frost action	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope	1.00 0.63	Too clayey	0.32		
		Depth to saturated zone	0.19				
994E2: Douds-----	60	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Depth to saturated zone	0.15		
		Frost action	0.50				
Galland-----	40	Very limited Low strength	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00	Depth to saturated zone	0.61		
		Shrink-swell Slope	1.00 1.00	Too clayey	0.01		
1130: Belinda-----	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				
1139: Perks Variant-----	85	Very limited Flooding	1.00	Very limited cutbanks cave	0.90	Very limited Flooding	1.00
		Frost action	0.50	Flooding	0.80	Too sandy	0.50
				Depth to saturated zone	0.61		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1260: Beckwith-----	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	0.18		
		Shrink-swell	1.00				
		Frost action	0.50				
1715: Nodaway-----	40	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				
Lawson-----	25	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Depth to saturated zone	0.19				
Ackmore-----	20	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				
1977: Richwood Variant----	100	Somewhat limited Frost action	0.50	Not limited		Not limited	
5010: Pits-----	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
5020: Pits-----	100	Not rated		Not rated		Not rated	
5021: Orthents-----	100	Not rated		Not rated		Not rated	
5030: Pits-----	100	Not rated		Not rated		Not rated	
5040: Orthents-----	100	Not rated		Not rated		Not rated	
W: Water-----	100	Not rated		Not rated		Not rated	