

Building Site Development

Van Buren 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 Frost action Shrink-swell	1.00 0.50 0.01	Not limited		Not limited	
Vesser-----	33	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 0.50 0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
Zook-----	32	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Too clayey	1.00 0.01	Somewhat limited Depth to saturated zone	0.19
23C2: Arispe-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone	0.95	Not limited	
51: Vesser-----	100	Very limited Frost action Flooding Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone Flooding	1.00 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.19

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51+: Vesser-----	100	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 Depth to saturated zone	1.00 0.19				
51B: Vesser-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength Shrink-swell Depth to saturated zone	1.00 0.50 0.19				
54: Zook-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Low strength Shrink-swell Depth to saturated zone	1.00 1.00 0.75	Too clayey	0.01		
58D: Douds-----	100	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				
58D2: Douds-----	100	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				

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58E2: Douds-----	100	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.15	Very limited Slope	1.00
58F2: Douds-----	100	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.15	Very limited Slope	1.00
58G: Douds-----	100	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.15	Very limited Slope	1.00
65D: Lindley-----	90	Very limited Low strength Slope Frost action Shrink-swell	1.00 0.63 0.50 0.32	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
65D2: Lindley-----	90	Very limited Low strength Slope Frost action Shrink-swell	1.00 0.63 0.50 0.32	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
65E: Lindley-----	95	Very limited Slope Low strength Frost action Shrink-swell	1.00 1.00 0.50 0.32	Very limited Slope	1.00	Very limited Slope	1.00

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65E2: Lindley-----	95	Very limited Slope Low strength Frost action Shrink-swell	1.00 1.00 0.50 0.32	Very limited Slope	1.00	Very limited Slope	1.00
65F2: Lindley-----	95	Very limited Slope Low strength Frost action Shrink-swell	1.00 1.00 0.50 0.32	Very limited Slope	1.00	Very limited Slope	1.00
65G: Lindley-----	95	Very limited Slope Low strength Frost action Shrink-swell	1.00 1.00 0.50 0.32	Very limited Slope	1.00	Very limited Slope	1.00
80B: Clinton-----	95	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Depth to saturated zone	0.15	Not limited	
80C: Clinton-----	90	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Depth to saturated zone	0.15	Not limited	
80C2: Clinton-----	90	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Depth to saturated zone	0.15	Not limited	

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80D: Clinton-----	90	Very limited Shrink-swell Low strength  Slope Frost action	1.00 1.00  0.63 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.15	Somewhat limited Slope	0.63
80D2: Clinton-----	90	Very limited Shrink-swell Low strength  Slope Frost action	1.00 1.00  0.63 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.15	Somewhat limited Slope	0.63
130: Belinda-----	100	Very limited Low strength  Shrink-swell Depth to saturated zone Frost action	1.00  1.00 0.94 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	0.94
131B: Pershing-----	90	Very limited Frost action  Low strength Shrink-swell	1.00  1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	
131B2: Pershing-----	90	Very limited Frost action  Low strength Shrink-swell	1.00  1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	
131C: Pershing-----	90	Very limited Frost action  Low strength Shrink-swell	1.00  1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.01	Not limited	

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
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131C2: Pershing-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 1.00	Too clayey	0.01		
132B: Weller-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 1.00				
132C: Weller-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 1.00				
132C2: Weller-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 1.00				
139: Perks-----	95	Very limited Flooding	1.00	Very limited cutbanks cave Flooding	0.90 0.60	Very limited Droughty Flooding	1.00 0.60
139B: Perks-----	100	Not limited		Very limited cutbanks cave	0.90	Very limited Droughty	1.00
172: Wabash-----	95	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	1.00	Flooding	0.60	Too clayey	1.00
		Flooding	1.00	Too clayey	0.50	Flooding	0.60
		Low strength Frost action	1.00 0.50				

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173: Hoopeston-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Depth to saturated zone	0.19	cutbanks cave	0.90		
179D2: Gara-----	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				
179E2: Gara-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength Shrink-swell Frost action	1.00 0.50 0.50				
197: Reedscreek-----	100	Very limited Flooding	1.00	Very limited Content of large stones	1.00	Somewhat limited Flooding	0.60
		Content of large stones	1.00	Flooding	0.60		
		Frost action	0.50	Depth to saturated zone	0.16		
208: Klum-----	95	Very limited Flooding	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
		Frost action	0.50	Depth to saturated zone	0.35		
211: Edina-----	90	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Not limited	
		Low strength Frost action	1.00 0.50	Too clayey	0.72		

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220: Nodaway-----	90	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				
222C2: Clarinda-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
223C2: Rinda-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
231: Edina-----	90	Very limited Shrink-swell	1.00	Somewhat limited Depth to saturated zone	0.82	Not limited	
		Low strength	1.00	Too clayey	0.72		
		Frost action	0.50				
260: Beckwith-----	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	1.00	Too clayey	0.18		
		Low strength	1.00				
		Frost action	0.50				

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261: Appanoose-----	100	Very limited Depth to saturated zone Low strength Shrink-swell Frost action	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	1.00 1.00 0.82	Very limited Depth to saturated zone	1.00
263: Okaw-----	100	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	1.00 1.00 0.50	Very limited Depth to saturated zone	1.00
273B: Olmitz-----	100	Very limited Low strength Frost action Shrink-swell	1.00 0.50 0.01	Somewhat limited Depth to saturated zone	0.16	Not limited	
273C: Olmitz-----	100	Very limited Low strength Frost action Shrink-swell	1.00 0.50 0.01	Somewhat limited Depth to saturated zone	0.16	Not limited	
312B: Seymour-----	100	Very limited Low strength Shrink-swell Frost action	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	0.95 0.15	Not limited	
312B2: Seymour-----	100	Very limited Low strength Shrink-swell Frost action	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	0.95 0.15	Not limited	

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313D2: Gosport-----	95	Very limited Shrink-swell Low strength	1.00 1.00	Somewhat limited Slope Depth to soft bedrock	0.63 0.46	Somewhat limited Slope Depth to bedrock	0.63 0.46
		Slope Frost action	0.63 0.50	Too clayey Depth to saturated zone	0.32 0.16	Droughty	0.07
313E2: Gosport-----	95	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Slope Depth to soft bedrock	1.00 0.46	Very limited Slope Depth to bedrock	1.00 0.46
		Slope Frost action	1.00 0.50	Too clayey Depth to saturated zone	0.32 0.16	Droughty	0.18
313F2: Gosport-----	95	Very limited Shrink-swell Slope	1.00 1.00	Very limited Slope Depth to soft bedrock	1.00 0.46	Very limited Slope Depth to bedrock	1.00 0.46
		Low strength Frost action	1.00 0.50	Too clayey Depth to saturated zone	0.32 0.16	Droughty	0.41
313G: Gosport-----	95	Very limited Shrink-swell Slope	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 1.00	Very limited Slope Depth to bedrock	1.00 0.46
		Low strength Frost action	1.00 0.50	Depth to soft bedrock Too clayey	0.46 0.32	Droughty Depth to saturated zone	0.23 0.03
		Depth to saturated zone	0.03				
315: Nodaway-----	40	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding Low strength	1.00 1.00	Flooding	0.60		

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Klum-----	30	Very limited Flooding Frost action	1.00 0.50	Somewhat limited Flooding Depth to saturated zone	0.60 0.35	Somewhat limited Flooding	0.60
Perks-----	20	Very limited Flooding	1.00	Very limited cutbanks cave Flooding	0.90 0.60	Very limited Droughty Flooding	1.00 0.60
362: Haig-----	100	Very limited Shrink-swell Frost action Low strength Depth to saturated zone	1.00 1.00 1.00 0.75	Very limited Depth to saturated zone Too clayey	1.00 0.12	Somewhat limited Depth to saturated zone	0.75
363: Haig-----	100	Very limited Shrink-swell Frost action Low strength Depth to saturated zone	1.00 1.00 1.00 0.75	Very limited Depth to saturated zone Too clayey	1.00 0.12	Somewhat limited Depth to saturated zone	0.75
364B: Grundy-----	100	Very limited Shrink-swell Frost action Low strength Depth to saturated zone	1.00 1.00 1.00 0.48	Very limited Depth to saturated zone Too clayey	1.00 0.12	Somewhat limited Depth to saturated zone	0.48
364B2: Grundy-----	100	Very limited Shrink-swell Frost action Low strength Depth to saturated zone	1.00 1.00 1.00 0.48	Very limited Depth to saturated zone Too clayey	1.00 0.12	Somewhat limited Depth to saturated zone	0.48

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423D2: Bucknell-----	95	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	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				
424D2: Lindley-----	60	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63				
		Frost action	0.50				
		Shrink-swell	0.32				
Keswick-----	30	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.28		
		Slope	0.63				
		Depth to saturated zone	0.19				
424E2: Lindley-----	65	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00				
		Frost action	0.50				
		Shrink-swell	0.32				
Keswick-----	35	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.28		
		Slope	1.00				
		Depth to saturated zone	0.19				

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425D: Keswick-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.19	Too clayey	0.28		
425D2: Keswick-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.19	Too clayey	0.28		
432C2: Gorin-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell Depth to saturated zone	1.00 0.19				
432D: Gorin-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.19	Too clayey	0.28		

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432D2: Gorin-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.19	Too clayey	0.28		
453: Tuskeego-----	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
		Low strength	1.00				
		Shrink-swell	1.00				
		Frost action	0.50				
460: Mtsterling-----	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				
		Low strength	1.00				
520: Coppock-----	100	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				
520B: Coppock-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				

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531B: Kniffin-----	100	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		
531B2: Kniffin-----	100	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		
531C2: Kniffin-----	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		
532B: Rathbun-----	95	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		
532C: 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		
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		

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534: Carlow-----	100	Very limited Depth to saturated zone Flooding Low strength Shrink-swell Frost action	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey Flooding	1.00 0.72 0.60	Very limited Depth to saturated zone Too clayey Flooding	1.00 1.00 0.60
592D2: Mystic-----	100	Very limited Frost action  Low strength  Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00 0.63 0.19	Very limited Depth to saturated zone Slope	1.00 0.63	Somewhat limited Slope  Depth to saturated zone	0.63 0.19
594D2: Galland-----	100	Very limited Frost action  Low strength  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 0.01	Somewhat limited Slope  Depth to saturated zone	0.63 0.19
598G: Bucklick-----	90	Very limited Slope Low strength  Shrink-swell Frost action	1.00 1.00 1.00 0.50	Very limited Slope Depth to hard bedrock	1.00 0.42	Very limited Slope	1.00
599G: Nordness-----	50	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00

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Gosport-----	45	Very limited Shrink-swell Slope	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 1.00	Very limited Slope Depth to bedrock	1.00 0.46
		Low strength Frost action Depth to saturated zone	1.00 0.50 0.03	Depth to soft bedrock Too clayey	0.46 0.32	Droughty Depth to saturated zone	0.23 0.03
632B: Adco-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.48	Very limited Depth to saturated zone Too clayey	1.00 0.88	Somewhat limited Depth to saturated zone	0.48
699G: Nordness-----	70	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Bentonsport-----	25	Very limited Slope Content of large stones Low strength Frost action	1.00 0.97 0.78 0.50	Very limited Slope Content of large stones	1.00 0.97	Very limited Slope Content of large stones Gravel content	1.00 1.00 0.26
719B: Creal-----	100	Very limited Frost action Low strength Depth to saturated zone	1.00 0.78 0.03	Very limited Depth to saturated zone	1.00	Somewhat limited 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
720: Raccoon-----	100	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
729: Nodaway-----	65	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	0.61	Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
Coppock-----	35	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	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				
730B: Nodaway-----	40	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	0.61	Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
Coppock-----	35	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				
Cantril-----	25	Very limited		Very limited		Not limited	
		Frost action	1.00	Depth to saturated zone	0.95		
		Low strength	1.00				
		Shrink-swell	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
792D2: Armstrong-----	95	Very limited Shrink-swell	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
		Low strength Slope	1.00 0.63	Too clayey	0.32		
		Depth to saturated zone	0.19				
795C2: Ashgrove-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength Shrink-swell	1.00 1.00	Too clayey	0.50		
		Depth to saturated zone	0.19				
795D: Ashgrove-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope	1.00 0.63	Too clayey	0.50		
		Depth to saturated zone	0.19				
795D2: Ashgrove-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.19
		Shrink-swell Slope	1.00 0.63	Too clayey	0.50		
		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
831B: Pershing-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 1.00	Too clayey	0.01		
831C2: Pershing-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 1.00	Too clayey	0.01		
832B: Weller-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 1.00				
832C: Weller-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 1.00				
832C2: Weller-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 1.00				
832D2: Weller-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Somewhat limited Slope	0.63
		Low strength Shrink-swell Slope	1.00 1.00 0.63	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
880B: Clinton-----	95	Very limited Shrink-swell	1.00	Somewhat limited Depth to saturated zone	0.15	Not limited	
		Low strength	1.00				
		Frost action	0.50				
880C: Clinton-----	90	Very limited Shrink-swell	1.00	Somewhat limited Depth to saturated zone	0.15	Not limited	
		Low strength	1.00				
		Frost action	0.50				
880C2: Clinton-----	90	Very limited Shrink-swell	1.00	Somewhat limited Depth to saturated zone	0.15	Not limited	
		Low strength	1.00				
		Frost action	0.50				
880D: Clinton-----	90	Very limited Shrink-swell	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Low strength	1.00	Depth to saturated zone	0.15		
		Slope	0.63				
		Frost action	0.50				
880D2: Clinton-----	90	Very limited Shrink-swell	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Low strength	1.00	Depth to saturated zone	0.15		
		Slope	0.63				
		Frost action	0.50				
977: Richwood-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.06				

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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
993D2: Gara-----	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
Armstrong-----	30	Very limited Shrink-swell Frost action Low strength 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 0.32	Somewhat limited Slope Depth to saturated zone	0.63 0.19
994D2: Galland-----	65	Very limited Frost action Low strength 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 0.01	Somewhat limited Slope Depth to saturated zone	0.63 0.19
Douds-----	35	Somewhat limited Slope Shrink-swell Frost action	0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.15	Somewhat limited Slope	0.63
994E2: Galland-----	65	Very limited Frost action Low strength Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00 1.00 0.19	Very limited Slope Depth to saturated zone Too clayey	1.00 1.00 0.01	Very limited Slope Depth to saturated zone	1.00 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
Douds-----	35	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				
1130: Belinda-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	0.94
		Shrink-swell	1.00				
		Depth to saturated zone	0.94				
		Frost action	0.50				
1260: Beckwith-----	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	1.00	Too clayey	0.18		
		Low strength	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				
Vesser-----	35	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				

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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
Mtsterling-----	25	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 0.06	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
1977: Keosauqua-----	100	Somewhat limited Frost action Shrink-swell	0.50 0.01	Very limited cutbanks cave	0.90	Not limited	
3051: Vesser-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 0.50 0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
3054: Zook-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.75	Very limited Depth to saturated zone Too clayey	1.00 0.01	Somewhat limited Depth to saturated zone	0.75
3133: Colo-----	100	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 0.50 0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
3139: Perks-----	95	Not limited		Very limited cutbanks cave	0.90	Very limited Droughty	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
3208: Klum-----	95	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone	0.35	Not limited	
3220: Nodaway-----	95	Very limited Frost action  Low strength	1.00  1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
3315: Nodaway-----	45	Very limited Frost action  Low strength	1.00  1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
Klum-----	30	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone	0.35	Not limited	
Perks-----	20	Not limited		Very limited cutbanks cave	0.90	Very limited Droughty	1.00
3484: Lawson-----	95	Very limited Frost action  Depth to saturated zone	1.00  0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
3520: Coppock-----	100	Very limited Frost action  Low strength Shrink-swell Depth to saturated zone	1.00  1.00 0.50 0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
3587: Chequest-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
3720: Raccoon-----	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				
		Low strength	1.00				
		Shrink-swell	0.50				
5010: Pits, Sand And Gravel-----	100	Not rated		Not rated		Not rated	
5020: Pits And Dumps-----	100	Not rated		Not rated		Not rated	
5030: Pits, Limestone Quarries-----	100	Not rated		Not rated		Not rated	
5040: Orthents-----	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
5047: Aquents-----	100	Not rated		Not rated		Not rated	
AW: Animal Waste-----	100	Not rated		Not rated		Not rated	
SL: Sewage Lagoon-----	100	Not rated		Not rated		Not rated	
W: Water-----	100	Not rated		Not rated		Not rated	