

Building Site Development

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Harrison 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
1C: Ida-----	90	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
1C3: Ida-----	90	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
1D: Ida-----	90	Very limited Frost action Low strength Slope	1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
1D3: Ida-----	90	Very limited Frost action Low strength Slope	1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
1E: Ida-----	90	Very limited Frost action Slope Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
1E3: Ida-----	90	Very limited Frost action Slope Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
1F: Ida-----	90	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
1F3: Ida-----	90	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00

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1G: Ida-----	90	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
2G: Hamburg-----	95	Very limited Slope Frost action	1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
3D: Castana-----	90	Very limited Frost action Low strength Slope	1.00 1.00 0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
3E: Castana-----	90	Very limited Frost action Slope Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
10: Monona-----	85	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
10B: Monona-----	85	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
10C: Monona-----	85	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
10C2: Monona-----	85	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10D: Monona-----	85	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
10D2: Monona-----	85	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
10D3: Monona-----	85	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
10E: Monona-----	85	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
10E2: Monona-----	85	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
10E3: Monona-----	85	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 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
10F: Monona-----	85	Very limited Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
10F2: Monona-----	85	Very limited Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
10G: Monona-----	85	Very limited Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
12B: Napier-----	90	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
12B+: Napier-----	90	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
12C: Napier-----	95	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
12D: Napier-----	90	Very limited Frost action Low strength Slope	1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
17B: Napier-----	50	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Nodaway-----	30	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				
Colo-----	20	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				
22D3: Dow-----	60	Very limited Frost action	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Low strength	1.00				
		Slope	0.63				
Monona-----	30	Very limited Frost action	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Low strength	1.00				
		Slope	0.63				
		Shrink-swell	0.50				
22E3: Dow-----	60	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Slope	1.00				
		Low strength	1.00				
Monona-----	30	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00				
		Slope	1.00				
		Shrink-swell	0.50				
33D2: Steinauer-----	100	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				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
33E3: Steinauer-----	100	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				
36: Salix-----	85	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.15	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
38: Blake-----	40	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
Haynie-----	40	Very limited Frost action	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
		Flooding	1.00	Depth to saturated zone	0.16		
		Low strength	1.00				
44: Blencoe-----	85	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Low strength	1.00	Too clayey	0.28	Depth to saturated zone	0.03
		Shrink-swell	1.00				
		Depth to saturated zone	0.03				
46: Keg-----	80	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
53: Riverwash-----	95	Not rated		Not rated		Not rated	
66: Luton-----	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 1.00 0.88 0.60	Very limited Depth to saturated zone Too clayey Flooding	1.00 1.00 1.00 0.60
66+: Luton-----	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 1.00 0.88 0.60	Very limited Depth to saturated zone Flooding	1.00 1.00 0.60
67: Woodbury-----	90	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Too clayey	1.00 1.00 0.60 0.28	Very limited Depth to saturated zone Too clayey Flooding	1.00 1.00 1.00 0.60
70: Mcpaul-----	95	Very limited Frost action Flooding Low strength	1.00 1.00 1.00	Somewhat limited Flooding	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
133: Colo-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 1.00 0.60
133+: Colo-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 1.00 0.60
137: Haynie-----	75	Very limited Frost action Flooding Low strength	1.00 1.00 1.00 1.00	Somewhat limited Flooding Depth to saturated zone	0.60 0.16	Somewhat limited Flooding	0.60
144: Blake-----	80	Very limited Frost action Depth to saturated zone Low strength Flooding	1.00 1.00 1.00 1.00 0.40	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
145: Onawa-----	85	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.88	Not limited	
146: Onawa-----	85	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey	0.95 0.88	Very limited Too clayey	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
149: Modale-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Too clayey	0.88	Depth to saturated zone	0.03
		Low strength	1.00	Flooding	0.60		
		Shrink-swell	1.00				
		Depth to saturated zone	0.03				
156: Albaton-----	90	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	Too clayey	0.88	Too clayey	1.00
		Shrink-swell	1.00				
		Frost action	0.50				
157: Albaton-----	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	1.00	Too clayey	0.88	Flooding	0.60
		Low strength	1.00	Flooding	0.60		
		Shrink-swell	1.00				
		Frost action	0.50				
212: Kennebec-----	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				
		Shrink-swell	0.50				
212+: Kennebec-----	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				
		Shrink-swell	0.50				

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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				
237: Sarpy-----	90	Very limited Flooding	1.00	Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.69
				Flooding	0.60	Flooding	0.60
237B: Sarpy-----	90	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.69
238: Sarpy-----	90	Very limited Flooding	1.00	Very limited cutbanks cave	0.90	Somewhat limited Flooding	0.60
				Flooding	0.60	Droughty	0.58
244: Blend-----	85	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	Too clayey	0.50	Too clayey	1.00
		Low strength	1.00				
		Shrink-swell	0.50				
255: Cooper-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	1.00				
275: Merville-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Too clayey	0.88	Depth to saturated zone	0.19
		Low strength	1.00	Flooding	0.60		
		Depth to saturated zone	0.19				

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315: Albaton-----	50	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 1.00 0.88 0.60	Very limited Depth to saturated zone Too clayey Flooding	1.00 1.00 1.00 0.60
Sarpy-----	45	Very limited Flooding	1.00	Very limited cutbanks cave Flooding	0.90 0.80	Very limited Flooding Droughty	1.00 0.69
436: Lakeport-----	85	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone	0.95	Not limited	
446: Burcham-----	80	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Somewhat limited Depth to saturated zone Too clayey	0.82 0.12	Not limited	
466: Solomon-----	90	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 Flooding Too clayey	1.00 1.00 0.80 0.28	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 1.00
514: Gable-----	85	Very limited Flooding	1.00	Very limited cutbanks cave Flooding	0.90 0.60	Somewhat limited Flooding	0.60

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515: Percival-----	95	Very limited Flooding	1.00	Very limited Depth to saturated zone	0.95	Very limited Too clayey	1.00
		Frost action	0.50	Flooding Too clayey	0.60 0.50	Flooding Droughty	0.60 0.38
516: Vore-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Somewhat limited Flooding	0.60
		Flooding	1.00	cutbanks cave Flooding	0.90 0.60		
538: Carr-----	85	Very limited Flooding	1.00	Very limited cutbanks cave Flooding	0.90 0.60	Somewhat limited Flooding	0.60
549: Modale-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Too clayey	0.88	Depth to saturated zone	0.03
		Low strength Shrink-swell	1.00 1.00	Flooding	0.60		
		Depth to saturated zone	0.03				
550: Borrow Pits-----	100	Not rated		Not rated		Not rated	
553: Forney-----	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
		Flooding	1.00	Too clayey	0.88	Too clayey	1.00
		Low strength Shrink-swell	1.00 1.00	Flooding	0.60	Flooding	0.60
		Frost action	0.50				

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717C: Napier-----	50	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
Gullied Land-----	40	Not rated		Not rated		Not rated	
844: Blake-----	80	Very limited Frost action Depth to saturated zone Low strength Flooding	1.00 1.00 1.00 1.00 0.40	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
849: Kenmoor-----	85	Very limited Flooding Frost action	1.00 0.50	Very limited Depth to saturated zone cutbanks cave Flooding Too clayey	0.99 0.90 0.60 0.28	Somewhat limited Flooding	0.60
866: Luton-----	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 0.88 0.60	Very limited Depth to saturated zone Too clayey Flooding	1.00 1.00 0.60
T10: Monona-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
T10B: Monona-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	