

Building Site Development

Hancock 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
6: Okoboji-----	95	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	1.00	Very limited Depth to saturated zone	1.00
28: Dickman-----	95	Not limited		Very limited cutbanks cave	0.90	Not limited	
28B: Dickman-----	95	Not limited		Very limited cutbanks cave	0.90	Not limited	
28D2: Dickman-----	95	Somewhat limited Slope	0.16	Very limited cutbanks cave Slope	0.90 0.16	Somewhat limited Slope	0.16
52B: Bode-----	95	Somewhat limited Frost action	0.50	Not limited		Not limited	
52C2: Bode-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
52D2: Bode-----	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
52E2: Bode-----	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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55: Nicollet-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.73	Not limited	
		Low strength Shrink-swell	1.00 0.50				
72: Estherville-----	95	Not limited		Very limited cutbanks cave	0.90	Not limited	
72B: Estherville-----	90	Not limited		Very limited cutbanks cave	0.90	Not limited	
72C2: Estherville-----	90	Not limited		Very limited cutbanks cave	0.90	Not limited	
72D2: Estherville-----	90	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope	0.63
73C2: Salida-----	100	Not limited		Very limited cutbanks cave	0.90	Very limited Droughty Gravel content	1.00 0.12
90: Okoboji-----	90	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	1.00	Very limited Depth to saturated zone	1.00
95: Harps-----	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

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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
135: Coland-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength 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
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 Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
174: Bolan-----	90	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
174B: Bolan-----	95	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
221: Palms-----	100	Very limited Depth to saturated zone Subsidence Frost action	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter	1.00 1.00	Very limited Depth to saturated zone Content of organic matter	1.00 1.00

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224: Linder-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone cutbanks cave	0.95 0.90	Not limited	
236B: Lester-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
236C2: Lester-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
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
236F: Lester-----	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
259: Biscay-----	95	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 0.78 0.50	Very limited Depth to saturated zone cutbanks cave	1.00 0.90	Very limited Depth to saturated zone	1.00
274: Rolfe-----	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 0.01	Very limited Depth to saturated zone	1.00

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288: Ottosen-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 0.50				
308: Wadena-----	100	Not limited		Not limited		Not limited	
308B: Wadena-----	100	Not limited		Not limited		Not limited	
335: Harcot-----	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 Low strength Shrink-swell	1.00 0.78 0.50	cutbanks cave	0.90		
348: Fieldon-----	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				
384: Collinwood-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Not limited	
		Low strength Shrink-swell	1.00 1.00	Too clayey	0.28		
384B: Collinwood-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Not limited	
		Low strength Shrink-swell	1.00 1.00	Too clayey	0.28		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
388: Kossuth-----	95	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	1.00	Very limited Depth to saturated zone	1.00
390: Waldorf-----	95	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 0.28	Very limited Depth to saturated zone Too clayey	1.00 1.00
485B: Spillville-----	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	
506: Wacousta-----	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
507: Canisteo-----	95	Very limited Depth to saturated zone Frost action	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
511: Blue Earth-----	100	Very limited Depth to saturated zone Frost action Low strength	1.00 1.00 1.00	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
524: Linder-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone cutbanks cave	0.95 0.90	Not limited	
562D2: Storden-----	90	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
562E2: Storden-----	95	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
562F2: Storden-----	100	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
621: Houghton-----	100	Very limited Depth to saturated zone Subsidence Frost action	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter	1.00 1.00 1.00
640C2: Sunburg-----	90	Somewhat limited Frost action	0.50	Not limited		Not limited	
640D2: Sunburg-----	90	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
640E2: Sunburg-----	90	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
640F2: Sunburg-----	95	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00

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641B: Clarion-----	60	Somewhat limited Frost action	0.50	Not limited		Not limited	
Sunburg-----	40	Somewhat limited Frost action	0.50	Not limited		Not limited	
641C2: Clarion-----	60	Somewhat limited Frost action	0.50	Not limited		Not limited	
Sunburg-----	40	Somewhat limited Frost action	0.50	Not limited		Not limited	
641D2: Clarion-----	55	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
Sunburg-----	45	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
641E2: Clarion-----	55	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Sunburg-----	45	Very limited Slope Frost action	1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
642D2: Sunburg-----	55	Somewhat limited Slope Frost action	0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
Salida-----	40	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Very limited Droughty Slope Gravel content	1.00 0.63 0.12
654: Corwith-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	

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655: Crippin-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength	1.00				
658: Mayer-----	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		
659: Mayer-----	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		
787B: Vinje-----	95	Very limited Low strength	1.00	Not limited		Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
787C2: Vinje-----	95	Very limited Low strength	1.00	Not limited		Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
811: Muskego-----	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
		Subsidence	1.00	Content of organic matter	1.00	Content of organic matter	1.00
		Frost action	1.00			Carbonate content	1.00
823: Ridgeport-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.38
823B: Ridgeport-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.38

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836B: Kilkenny-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
836C2: Kilkenny-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
836E2: Kilkenny-----	95	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.96 0.50 0.50	Very limited Slope	0.96	Very limited Slope	0.96
879: Fostoria-----	95	Very limited Frost action Low strength	1.00 1.00	Very limited Depth to saturated zone	0.95	Not limited	
956: Harps-----	55	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
Okoboji-----	35	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	1.00	Very limited Depth to saturated zone	1.00
1032: Spicer-----	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

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1052B: Bode-----	60	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
Kamrar-----	35	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Too clayey	0.03	Not limited	
1135: Coland-----	95	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 1.00
1221: Palms-----	100	Very limited Depth to saturated zone Subsidence Frost action	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter	1.00 1.00	Very limited Depth to saturated zone Content of organic matter	1.00 1.00
1259: Biscay-----	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 cutbanks cave	1.00 0.90	Very limited Depth to saturated zone	1.00
1339: Truman-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited cutbanks cave	0.90	Not limited	

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1339B: Truman-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited cutbanks cave	0.90	Not limited	
1506: Wacousta-----	100	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	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
1507: Brownston-----	95	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 0.28	Very limited Depth to saturated zone	1.00
1595: Harpster-----	95	Very limited Depth to saturated zone Frost action Low strength	1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
1733: Calco-----	95	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	1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 1.00
2222: Adrian-----	100	Very limited Depth to saturated zone Subsidence Frost action	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter cutbanks cave	1.00 1.00 0.90	Very limited Depth to saturated zone Content of organic matter	1.00 1.00

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4000: Urban Land-----	100	Not rated		Not rated		Not rated	
5010: Pits-----	100	Not rated		Not rated		Not rated	
5040: Orthents-----	90	Not rated		Not rated		Not rated	
W: Water-----	100	Not rated		Not rated		Not rated	