

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.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
6: Okoboji, depressional-----	83	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00
27B: Terril-----	85	Not limited		Somewhat limited Depth to saturated zone	0.16	Not limited	
54: Zook-----	80	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00
55: Nicollet-----	75	Very limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	0.98
62F: Storden-----	78	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
90: Okoboji, mucky, depressional-----	83	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00
95: Harps-----	83	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
107: Webster-----	80	Very limited Depth to saturated zone Shrink-swell	1.00 0.32	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Shrink-swell	1.00 0.32

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
135: Coland-----	83	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
138B: Clarion-----	80	Somewhat limited Shrink-swell	0.01	Somewhat limited Depth to saturated zone	0.16	Somewhat limited Shrink-swell	0.01
138C2: Clarion, moderately eroded-----	78	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.88
175: Dickinson-----	85	Not limited		Not limited		Not limited	
Wadena-----	3	Not limited		Not limited		Not limited	
175B: Dickinson-----	75	Not limited		Not limited		Not limited	
175C: Dickinson-----	83	Not limited		Not limited		Somewhat limited Slope	0.88
188: Kensett-----	90	Very limited Depth to saturated zone Depth to hard bedrock	0.98 0.26	Very limited Depth to hard bedrock Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Depth to hard bedrock	0.98 0.26
201B: Coland-----	55	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
Terril-----	35	Not limited		Somewhat limited Depth to saturated zone	0.16	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
203: Cylinder-----	75	Very limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	0.98
221: Klossner, depressional-----	88	Very limited Subsidence Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00 1.00	Very limited Subsidence Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Subsidence Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00 1.00
236B: Lester-----	83	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Shrink-swell	0.50
236C: Lester-----	81	Somewhat limited Shrink-swell	0.18	Not limited		Somewhat limited Slope Shrink-swell	0.88 0.18
236C2: Lester-----	76	Somewhat limited Shrink-swell	0.18	Somewhat limited Shrink-swell	0.18	Somewhat limited Slope Shrink-swell	0.88 0.18
236D2: Lester-----	83	Somewhat limited Slope Shrink-swell	0.63 0.18	Somewhat limited Slope Shrink-swell	0.63 0.18	Very limited Slope Shrink-swell	1.00 0.18
236E: Lester-----	86	Very limited Slope Shrink-swell	1.00 0.18	Very limited Slope Shrink-swell	1.00 0.18	Very limited Slope Shrink-swell	1.00 0.18
236F: Lester-----	80	Very limited Slope Shrink-swell	1.00 0.18	Very limited Slope Shrink-swell	1.00 0.18	Very limited Slope Shrink-swell	1.00 0.18
253B: Farrar-----	85	Not limited		Not limited		Not limited	

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Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
253C: Farrar-----	85	Not limited		Not limited		Somewhat limited Slope	0.88
256G: Lester-----	50	Very limited Slope Shrink-swell	1.00 0.32	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.32
Storden-----	38	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
259: Biscay, 32 to 40 inches to sand and gravel-----	70	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
274: Rolfe, depressional-	85	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00
308: Wadena, 32 to 40 inches to sand and gravel-----	75	Not limited		Not limited		Not limited	
308B: Wadena, 32 to 40 inches to sand and gravel-----	85	Not limited		Not limited		Not limited	
330: Kingston-----	80	Very limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	0.98
338: Garmore-----	78	Somewhat limited Shrink-swell	0.01	Somewhat limited Depth to saturated zone Shrink-swell	0.16 0.01	Somewhat limited Shrink-swell	0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
339: Truman-----	90	Not limited		Not limited		Not limited	
339B: Truman-----	90	Not limited		Not limited		Not limited	
344B: Copaston-----	80	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock	1.00
354: Aquolls, (marsh), ponded-----	80	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00
485: Spillville-----	80	Very limited Flooding Depth to saturated zone	1.00 0.98	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 0.98
506: Wacousta-----	83	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
507: Canisteo-----	75	Very limited Depth to saturated zone Shrink-swell	1.00 0.01	Very limited Depth to saturated zone Shrink-swell	1.00 0.01	Very limited Depth to saturated zone Shrink-swell	1.00 0.01
508: Calcousta-----	83	Very limited Depth to saturated zone Ponding Shrink-swell	1.00 1.00 0.01	Very limited Depth to saturated zone Ponding Shrink-swell	1.00 1.00 0.01	Very limited Depth to saturated zone Ponding Shrink-swell	1.00 1.00 0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
526: Wacousta-----	83	Very limited Depth to saturated zone Ponding Shrink-swell	1.00 1.00 0.32	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Ponding Shrink-swell	1.00 1.00 0.32
536: Hanlon-----	85	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.16	Very limited Flooding	1.00
638C2: Clarion, moderately eroded-----	50	Not limited		Somewhat limited Depth to saturated zone	0.16	Somewhat limited Slope	0.88
Storden, moderately eroded-----	35	Not limited		Not limited		Somewhat limited Slope	0.88
659: Mayer-----	80	Very limited Depth to saturated zone Shrink-swell	1.00 0.01	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Shrink-swell	1.00 0.01
823: Ridgeport-----	75	Not limited		Not limited		Not limited	
823B: Ridgeport-----	86	Not limited		Not limited		Not limited	
823C2: Ridgeport, moderately eroded--	85	Not limited		Not limited		Somewhat limited Slope	0.88
828B: Zenor-----	88	Not limited		Not limited		Not limited	
828C2: Zenor, moderately eroded-----	79	Not limited		Not limited		Somewhat limited Slope	0.88

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
829D2: Zenor, moderately eroded-----	45	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
Storden, moderately eroded-----	35	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
835D2: Storden, moderately eroded-----	50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
Omsrud, moderately eroded-----	35	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
835E2: Storden, moderately eroded-----	50	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Omsrud, moderately eroded-----	35	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.01	Very limited Slope	1.00
956: Harps-----	45	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Okoboji-----	35	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Shrink-swell Ponding	1.00 1.00 1.00
1585: Spillville-----	45	Very limited Flooding Depth to saturated zone	1.00 0.39	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 0.39

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Coland-----	35	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
4000: Urban Land-----	100	Not rated		Not rated		Not rated	
5010: Pits, Gravel-----	100	Not rated		Not rated		Not rated	
5030: Pits, Quarries-----	100	Not rated		Not rated		Not rated	
5040: Udorthents-----	100	Not rated		Not rated		Not rated	
5080: Udorthents-----	100	Not rated		Not rated		Not rated	
AW: Animal Waste Lagoon-	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	