

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.)

Shelby 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
AdD2: Adair-----	100	Very limited Shrink-swell Depth to saturated zone Slope	1.00 0.39 0.01	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.01	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00 0.39
AdF2: Adair-----	100	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 1.00	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.39
AdH2: Adair-----	100	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 0.39	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 1.00	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.39
AsD3: Adair-----	100	Very limited Shrink-swell Depth to saturated zone Slope	1.00 0.39 0.01	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.01	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00 0.39
AsF3: Adair-----	100	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 1.00	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.39
CdD2: Clarinda-----	100	Very limited Shrink-swell Depth to saturated zone Slope	1.00 0.39 0.01	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.01	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00 0.39

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Shelby 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
CdF2: Clarinda-----	100	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 1.00	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.39
Cm: Colo-----	100	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
CnD3: Clarinda-----	100	Very limited Shrink-swell Depth to saturated zone Slope	1.00 0.39 0.01	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.01	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 0.39
CnF3: Clarinda-----	100	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 1.00	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.39
Co: Colo-----	100	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
Cr: Colo-----	100	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

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cs: Corley-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
Ct: Corley-----	100	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
DoE3: Dow-----	100	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
DoF3: Dow-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
IdC3: Ida-----	100	Not limited		Not limited		Somewhat limited Slope	0.86
IdD3: Ida-----	100	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16	Very limited Slope	1.00
IdE3: Ida-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
IdF3: Ida-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
IdG3: Ida-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
IdH3: Ida-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
IdI3: Ida-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00

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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
JdA: Judson-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Shrink-swell	0.50
JdB: Judson-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.01
JdC: Judson-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Slope Shrink-swell	0.86 0.50
JnB: Judson-----	30	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Shrink-swell	0.50
Nodaway-----	30	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
Colo-----	20	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
JnC: Judson-----	65	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Slope Shrink-swell	0.86 0.50
Nodaway-----	20	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50

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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
Colo-----	15	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
JzB: Judson-----	30	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Shrink-swell	0.50
Nodaway-----	30	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
Zook-----	20	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
JzC: Judson-----	60	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	Somewhat limited Slope Shrink-swell	0.86 0.50
Nodaway-----	20	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
Zook-----	20	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

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Kb: Kennebec-----	98	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
Kc: Kennebec-----	96	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
MaA: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
MaB: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
MaC2: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
MaD2: Marshall-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
MaE2: Marshall-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
MaF2: Marshall-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
MaH2: Marshall-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MbA: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
MbB: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
MbC2: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
MbD2: Marshall-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
McC3: Marshall-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Slope Shrink-swell	0.86 0.50
McD3: Marshall-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
McE3: Marshall-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
McF3: Marshall-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
McG3: Marshall-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50
McI3: Marshall-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MdD3: Marshall-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
MdE3: Marshall-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
Me: Minden-----	98	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone Shrink-swell	0.61 0.50	Somewhat limited Shrink-swell	0.50
Mn: Minden-----	98	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone Shrink-swell	0.61 0.50	Somewhat limited Shrink-swell	0.50
MoB2: Monona-----	100	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Shrink-swell	0.50
MoC2: Monona-----	100	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Slope Shrink-swell	0.86 0.50
MoC3: Monona-----	100	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Slope Shrink-swell	0.86 0.50
MoD2: Monona-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Slope	0.16	Very limited Slope Shrink-swell	1.00 0.50
MoD3: Monona-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Slope	0.16	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MoE2: Monona-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope	0.63	Very limited Slope Shrink-swell	1.00 0.50
MoE3: Monona-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope	0.63	Very limited Slope Shrink-swell	1.00 0.50
MoF2: Monona-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50
MoF3: Monona-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50
MoG2: Monona-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50
MoG3: Monona-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50
MoI3: Monona-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50
MtB: Monona-----	100	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Shrink-swell	0.50
MtC2: Monona-----	100	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Slope Shrink-swell	0.86 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MtD2: Monona-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Slope	0.16	Very limited Slope Shrink-swell	1.00 0.50
MtE3: Monona-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope	0.63	Very limited Slope Shrink-swell	1.00 0.50
No: Nodaway-----	98	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
Ns: Nodaway-----	98	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Flooding Shrink-swell	1.00 0.50
ShD2: Shelby-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Shrink-swell Slope Depth to saturated zone	0.50 0.16 0.16	Very limited Slope Shrink-swell	1.00 0.50
ShE2: Shelby-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
ShF2: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ShG2: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
ShH2: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
SoD3: Shelby-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Shrink-swell Slope Depth to saturated zone	0.50 0.16 0.16	Very limited Slope Shrink-swell	1.00 0.50
SoE3: Shelby-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.63 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
SoF3: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
SoG3: Shelby-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00 0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
SrD2: Steinauer-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SrE2: Steinauer-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
SrF2: Steinauer-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
SrG2: Steinauer-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
SsD3: Steinauer-----	100	Somewhat limited Shrink-swell Slope	0.50 0.16	Somewhat limited Shrink-swell Slope	0.50 0.16	Very limited Slope Shrink-swell	1.00 0.50
SsE3: Steinauer-----	100	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Slope Shrink-swell	1.00 0.50
SsF3: Steinauer-----	100	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
Zc: Zook-----	100	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
Zo: Zook-----	96	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

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Zs:							
Zook-----	100	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to	1.00	Depth to	1.00	Depth to	1.00
		saturated zone		saturated zone		saturated zone	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
Zy:							
Zook-----	96	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to	1.00	Depth to	1.00	Depth to	1.00
		saturated zone		saturated zone		saturated zone	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00