

Building Site Development

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Iowa 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
AaC2: Adair-----	100	Very limited Low strength	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	0.41		
		Frost action	1.00				
		Shrink-swell	1.00				
AaD2: Adair-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.63	Slope	0.63
		Frost action	1.00	Too clayey	0.41		
		Shrink-swell	1.00				
		Slope	0.63				
AaE2: Adair-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Too clayey	0.41		
		Shrink-swell	1.00				
		Slope	1.00				
AcD2: Adair-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.63	Slope	0.63
		Frost action	1.00	Too clayey	0.41		
		Shrink-swell	1.00				
		Slope	0.63				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AcE2: Adair-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Too clayey	0.41		
		Shrink-swell	1.00				
		Slope	1.00				
AdD3: Adair-----	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	Slope	0.63	Slope	0.63
		Low strength	1.00	Too clayey	0.41		
		Slope	0.63				
		Shrink-swell	0.50				
AdE3: Adair-----	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	Slope	1.00	Slope	1.00
		Slope	1.00	Too clayey	0.41		
		Low strength	1.00				
		Shrink-swell	0.50				
AeD3: Adair-----	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	Slope	0.63	Slope	0.63
		Low strength	1.00	Too clayey	0.41		
		Slope	0.63				
		Shrink-swell	0.50				
AeE3: Adair-----	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	Slope	1.00	Slope	1.00
		Slope	1.00	Too clayey	0.41		
		Low strength	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AeF3: Adair-----	100	Very limited Depth to saturated zone Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Slope Depth to saturated zone Too clayey	1.00 1.00 0.41	Very limited Slope Depth to saturated zone	1.00 1.00
Al: Alluvial Land-----	90	Not Rated Not rated; Fragments > 75mm Frost action Flooding	1.00 1.00	Not Rated Not Rated, texture class Not rated; Fragments > 75mm Flooding Depth to saturated zone	0.80 0.61	Not Rated Not rated; Surface clay percent Not rated; Surface Fragments > 75mm Not rated; Sieve size, 3 to 10", > 10" Not rated; AWC Not rated; pH	
Am: Amana-----	95	Very limited Low strength Depth to saturated zone Frost action Flooding 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
An: Amana-----	30	Very limited Low strength Depth to saturated zone Frost action Flooding 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

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lawson-----	30	Very limited Depth to saturated zone Frost action Flooding Low strength	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
Nodaway-----	20	Very limited Frost action Flooding Low strength	1.00 1.00 1.00	Somewhat limited Flooding Depth to saturated zone	0.80 0.61	Very limited Flooding	1.00
As: Atterberry-----	95	Very limited Low strength Depth to saturated zone Frost action 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
At: Atterberry-----	95	Very limited Low strength Depth to saturated zone Frost action 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
BaC2: Bassett-----	100	Somewhat limited Frost action Low strength	0.50 0.22	Somewhat limited Depth to saturated zone	0.61	Not limited	
BaD2: Bassett-----	100	Somewhat limited Slope Frost action Low strength	0.63 0.50 0.22	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited 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
BaE2: Bassett-----	100	Very limited Slope Frost action  Low strength	1.00 0.50  0.22	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
BaF2: Bassett-----	100	Very limited Slope Frost action  Low strength	1.00 0.50  0.22	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
BeD3: Bassett-----	100	Somewhat limited Slope Frost action  Low strength	0.63 0.50  0.22	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
BeE3: Bassett-----	100	Very limited Slope Frost action  Low strength	1.00 0.50  0.22	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
BrA: Bertrand-----	100	Very limited Frost action	1.00	Very limited cutbanks cave	0.90	Not limited	
BrB: Bertrand-----	100	Very limited Frost action	1.00	Very limited cutbanks cave	0.90	Not limited	
BrC2: Bertrand-----	100	Very limited Frost action	1.00	Very limited cutbanks cave	0.90	Not limited	

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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
Bs: Bremer-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Frost action	1.00				
		Shrink-swell	1.00				
		Flooding	0.40				
Bt: Bremer-----	100	Very limited Low strength	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	Flooding	0.60
		Frost action	1.00				
		Flooding	1.00				
		Shrink-swell	1.00				
Ca: Chariton-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Frost action	1.00				
		Shrink-swell	1.00				
		Flooding	0.40				
CeB: Chelsea-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.69
CeD: Chelsea-----	100	Very limited Slope	0.96	Very limited Slope cutbanks cave	0.96 0.90	Very limited Slope Droughty	0.96 0.69
CeG: Chelsea-----	100	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.69
CfC: Chelsea-----	50	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.69

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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
Fayette-----	30	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
Lamont-----	20	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
CfD:							
Chelsea-----	50	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Droughty Slope	0.69 0.63
Fayette-----	30	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
Lamont-----	20	Somewhat limited Slope Frost action	0.63 0.50	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope	0.63
CfD2:							
Chelsea-----	50	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Droughty Slope	0.69 0.63
Fayette-----	30	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
Lamont-----	20	Somewhat limited Slope Frost action	0.63 0.50	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope	0.63
CfE:							
Chelsea-----	50	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.69

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Fayette-----	30	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Lamont-----	20	Very limited Slope Frost action	1.00 0.50	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope	1.00
CfE2: Chelsea-----	50	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.69
Fayette-----	30	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Lamont-----	20	Very limited Slope Frost action	1.00 0.50	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope	1.00
CfG: Chelsea-----	50	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.69
Fayette-----	30	Very limited Low strength Slope Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Lamont-----	20	Very limited Slope Frost action	1.00 0.50	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope	1.00
ClB: Clinton-----	100	Very limited Low strength  Shrink-swell Frost action	1.00  0.50 0.50	Somewhat limited Depth to saturated zone	0.61	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ClC: Clinton-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
ClC2: Clinton-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
ClD: Clinton-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				
ClD2: Clinton-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				
ClE2: Clinton-----	100	Very limited Low strength	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Slope	1.00	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				
ClF2: Clinton-----	100	Very limited Low strength	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Slope	1.00	Depth to saturated zone	0.61		
		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
CnD3: Clinton-----	100	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
CnE3: Clinton-----	100	Very limited Low strength Slope	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
Co: Colo-----	100	Very limited Low strength Depth to saturated zone Frost action Flooding 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
Cs: Colo-----	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
Ct: Colo-----	50	Very limited Low strength Depth to saturated zone Frost action Flooding 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

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ely-----	40	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Frost action	1.00				
		Shrink-swell	0.50				
Cu: Coppock-----	95	Very limited Low strength	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	Flooding	0.60
		Frost action	1.00				
		Flooding	1.00				
		Shrink-swell	0.50				
DcA: Dickinson-----	100	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
DcB: Dickinson-----	100	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
DcC: Dickinson-----	100	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
DdB: Dinsdale-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
DdC: Dinsdale-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DoB: Downs-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
DoC: Downs-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
DoC2: Downs-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
DoD2: Downs-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
DoE2: Downs-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
DpB: Downs-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
DsD3: Downs-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DsE3: Downs-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
EsB: Ely-----	95	Very limited Low strength Depth to saturated zone Frost action 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
FaB: Fayette-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
FaC: Fayette-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
FaC2: Fayette-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
FaD: Fayette-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
FaD2: Fayette-----	100	Very limited Low strength Frost action	1.00 1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63

Slope	0.63
Shrink-swell	0.50

USDA-NRCS, IOWA

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FaE: Fayette-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
FaE2: Fayette-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
FaF: Fayette-----	100	Very limited Low strength Slope Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
FaF2: Fayette-----	100	Very limited Low strength Slope Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
FaG: Fayette-----	100	Very limited Low strength Slope Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
FbB: Fayette-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
FsD3: Fayette-----	100	Very limited Low strength Frost action	1.00 1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63

Slope	0.63
Shrink-swell	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FsE3: Fayette-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
FsF3: Fayette-----	100	Very limited Low strength Slope Frost action Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
GaC2: Gara-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
GaD2: Gara-----	100	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
GaE2: Gara-----	100	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
GaF2: Gara-----	100	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
GrD3: Gara-----	100	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63

Shrink-swell	0.50
Frost action	0.50

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Iowa 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
GrE3: Gara-----	100	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
GrF3: Gara-----	100	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
Gs: Givin-----	95	Very limited Low strength  Depth to saturated zone Frost action Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Gu: Gullied Land-----	100	Not rated		Not rated		Not rated	
HaA: Hagener-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.64
HaB: Hagener-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.64
HaC: Hagener-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.64
HaD: Hagener-----	100	Somewhat limited		Very limited		Somewhat limited	

Slope	0.63	cutbanks cave	0.90	Droughty	0.64
		Slope	0.63	Slope	0.63

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Iowa 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
HaE: Hagener-----	100	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.64
HgB: Hagener-----	50	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.64
Tama-----	40	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
HgC: Hagener-----	50	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.64
Tama-----	40	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
HgC2: Hagener-----	50	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.64
Tama-----	40	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
HgD2: Hagener-----	50	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Droughty Slope	0.64 0.63
Tama-----	40	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
HgE2: Hagener-----	50	Very limited		Very limited		Very limited	

Slope	1.00	Slope	1.00	Slope	1.00
		cutbanks cave	0.90	Droughty	0.64

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Iowa 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
Tama-----	40	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
HoD2: Hopper-----	100	Very limited Frost action Slope	1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
HoE2: Hopper-----	100	Very limited Frost action Slope	1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
HoE3: Hopper-----	100	Very limited Frost action Slope	1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
HoF2: Hopper-----	100	Very limited Slope Frost action	1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
Ja: Jackson-----	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
JuB: Judson-----	100	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
KnB: Kenyon-----	100	Somewhat limited Frost action Low strength	0.50 0.22	Somewhat limited Depth to saturated zone	0.61	Not limited	

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Iowa 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
KnC: Kenyon-----	100	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Low strength	0.22				
KnC2: Kenyon-----	100	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Low strength	0.22				
KnD2: Kenyon-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Frost action	0.50	Depth to saturated zone	0.61		
		Low strength	0.22				
Ko: Keomah-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Frost action	1.00				
		Shrink-swell	1.00				
KsD2: Keswick-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.63	Slope	0.63
		Frost action	1.00	Too clayey	0.28		
		Shrink-swell	1.00				
		Slope	0.63				
KsE2: Keswick-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Too clayey	0.28		

Shrink-swell	1.00
Slope	1.00

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Iowa 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
KsF2: Keswick-----	100	Very limited Low strength Depth to saturated zone Slope Frost action Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Slope Depth to saturated zone Too clayey	1.00 1.00 0.28	Very limited Slope Depth to saturated zone	1.00 1.00
KwD3: Keswick-----	100	Very limited Low strength Depth to saturated zone Frost action Shrink-swell Slope	1.00 1.00 1.00 1.00 0.63	Very limited Depth to saturated zone Slope Too clayey	1.00 0.63 0.28	Very limited Depth to saturated zone Slope	1.00 0.63
KwE3: Keswick-----	100	Very limited Low strength Depth to saturated zone Frost action Shrink-swell Slope	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Slope Too clayey	1.00 1.00 0.28	Very limited Depth to saturated zone Slope	1.00 1.00
KwF3: Keswick-----	100	Very limited Low strength Depth to saturated zone Slope Frost action Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Slope Depth to saturated zone Too clayey	1.00 1.00 0.28	Very limited Slope Depth to saturated zone	1.00 1.00
Kz: Koszta-----	95	Very limited Low strength Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00

Frost action	1.00
Shrink-swell	0.50
Flooding	0.40

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Iowa 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
LaB: Ladoga-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
LaC: Ladoga-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
LaC2: Ladoga-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
LaD: Ladoga-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				
LaD2: Ladoga-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				
LaE2: Ladoga-----	100	Very limited Low strength	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Slope	1.00	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				

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Iowa 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
LbB: Ladoga-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
LdD3: Ladoga-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				
LdE3: Ladoga-----	100	Very limited Low strength	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Slope	1.00	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				
Le: Lawler-----	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		
Lh: Lawson-----	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	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
LnD2: Lindley-----	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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Iowa 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
LnE2: Lindley-----	100	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
LnF: Lindley-----	100	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
LnF2: Lindley-----	100	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
LnG: Lindley-----	100	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
LsD3: Lindley-----	100	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
LsE3: Lindley-----	100	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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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
LsF3: Lindley-----	100	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
Ma: Mahaska-----	95	Very limited Low strength  Depth to saturated zone Frost action 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
Mu: Muscatine-----	95	Very limited Low strength  Depth to saturated zone Frost action 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
Nc: Nevin-----	95	Very limited Low strength  Depth to saturated zone Frost action Shrink-swell Flooding	1.00 1.00 1.00 0.50 0.40	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Nd: Nodaway-----	90	Very limited Frost action  Flooding Low strength	1.00 1.00 1.00	Somewhat limited Depth to saturated zone Flooding	0.61 0.60	Somewhat limited Flooding	0.60

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Iowa 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
Nh: Nodaway-----	90	Very limited Frost action Flooding  Low strength	1.00 1.00 1.00	Somewhat limited Flooding Depth to saturated zone	0.80 0.61	Very limited Flooding	1.00
Ns: Nodaway-----	90	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
Nx: Nodaway-----	50	Very limited Frost action  Flooding Low strength	1.00 1.00 1.00	Somewhat limited Depth to saturated zone Flooding	0.61 0.60	Somewhat limited Flooding	0.60
Ely-----	40	Very limited Low strength  Depth to saturated zone Frost action 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
OcB: Otley-----	100	Very limited Low strength  Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.61	Not limited	
OcC: Otley-----	100	Very limited Low strength  Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone	0.61	Not limited	

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Iowa 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
OcC2: Otley-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell Frost action	0.50 0.50				
OcD2: Otley-----	100	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				
OcD3: Otley-----	100	Very limited Low strength Slope	1.00 0.63	Somewhat limited Slope Depth to saturated zone	0.63 0.61	Somewhat limited Slope	0.63
		Shrink-swell Frost action	0.50 0.50				
OcE2: Otley-----	100	Very limited Low strength Slope	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 0.61	Very limited Slope	1.00
		Shrink-swell Frost action	0.50 0.50				
OtB: Otley-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Shrink-swell Frost action	0.50 0.50				
ShC: Shelby-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	

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Iowa 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
ShC2: Shelby-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
ShD2: Shelby-----	100	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
ShE2: Shelby-----	100	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
ShF2: Shelby-----	100	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
SoD3: Shelby-----	100	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
SoE3: Shelby-----	100	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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Iowa 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
Sp: Sperry-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Ponding	1.00
		Frost action	1.00				
		Shrink-swell	1.00				
		Ponding	1.00				
Sr: Stronghurst-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Frost action	1.00				
		Shrink-swell	0.50				
St: Stronghurst-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Frost action	1.00				
		Shrink-swell	0.50				
Ta: Taintor-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Frost action	1.00				
		Shrink-swell	1.00				
TcB: Tama-----	100	Very limited Low strength	1.00	Not limited		Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				

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Iowa 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
TcC: Tama-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
TcC2: Tama-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
TcD2: Tama-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
TcD3: Tama-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
TcE2: Tama-----	100	Very limited Low strength Frost action Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
ThA: Tama-----	100	Very limited Low strength Frost action Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
ThB: Tama-----	100	Very limited Low strength Frost action	1.00 1.00	Not limited		Not limited	

	Shrink-swell	0.50			
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Iowa 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
TmB: Tell-----	100	Very limited Frost action	1.00	Very limited cutbanks cave	0.90	Not limited	
TmC: Tell-----	100	Very limited Frost action	1.00	Very limited cutbanks cave	0.90	Not limited	
TmC2: Tell-----	100	Very limited Frost action	1.00	Very limited cutbanks cave	0.90	Not limited	
TmD2: Tell-----	100	Very limited Frost action Slope	1.00 0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope 0.63	
Ud: Udolpho-----	100	Very limited Depth to saturated zone Frost action Low strength Flooding	1.00 1.00 1.00 0.40	Very limited Depth to saturated zone cutbanks cave	1.00 0.90	Very limited Depth to saturated zone 1.00	
Wa: Wabash-----	100	Very limited Low strength  Shrink-swell Depth to saturated zone Flooding Ponding	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Flooding Too clayey	1.00 1.00 0.60 0.50	Very limited Depth to saturated zone 1.00 Too clayey 1.00 Ponding 1.00 Flooding 0.60	
Wb:  Walford-----	100	Very limited Low strength  Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone 1.00	

	Frost action	1.00			
	Shrink-swell	1.00			

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Iowa 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
WkA: Watkins-----	100	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.15	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
		Flooding	0.40				
WkB: Watkins-----	100	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
		Flooding	0.40				
WmB: Waubeek-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
WmC2: Waubeek-----	100	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Frost action	1.00				
		Shrink-swell	0.50				
WnA: Waukegan-----	100	Very limited Low strength	1.00	Not limited		Not limited	
WnB: Waukegan-----	100	Very limited Low strength	1.00	Not limited		Not limited	
WnC: Waukegan-----	100	Very limited Low strength	1.00	Not limited		Not limited	
WsB:							

Waukegan-----	100	Very limited Low strength	1.00	Not limited	Not limited
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Iowa 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
WsC: Waukegan-----	100	Very limited Low strength	1.00	Not limited		Not limited	
WtA: Wiota-----	100	Very limited Low strength Frost action Shrink-swell Flooding	1.00 1.00 0.50 0.40	Not limited		Not limited	
WtB: Wiota-----	100	Very limited Low strength Frost action Shrink-swell Flooding	1.00 1.00 0.50 0.40	Not limited		Not limited	
Zk: Zook-----	100	Very limited Low strength  Depth to saturated zone Frost action Flooding Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Too clayey	1.00 0.60 0.01	Very limited Depth to saturated zone Flooding	1.00 0.60
Zo: Zook-----	100	Very limited Low strength  Depth to saturated zone Frost action Flooding Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Too clayey	1.00 0.60 0.01	Very limited Depth to saturated zone Flooding	1.00 0.60

