

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.)

Lucas 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
13B: Zook-----	45	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
Olmitz-----	30	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
Vesser-----	20	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.39	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Depth to saturated zone Slope	0.50 0.39 0.01
23C: Arispe-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.86
23C2: Arispe-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.86
24D: Shelby-----	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
24D2: Shelby-----	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
24E2: Shelby-----	95	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
24E3: Shelby-----	95	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
24F2: Shelby-----	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
51: Vesser-----	90	Very limited Flooding Shrink-swell  Depth to saturated zone	1.00 0.50  0.39	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00  0.50	Very limited Flooding Shrink-swell  Depth to saturated zone	1.00 0.50  0.39
51+: Vesser-----	90	Very limited Flooding Shrink-swell  Depth to saturated zone	1.00 0.50  0.39	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00  0.50	Very limited Flooding Shrink-swell  Depth to saturated zone	1.00 0.50  0.39
51B: Vesser-----	90	Somewhat limited Shrink-swell  Depth to saturated zone	0.50  0.39	Very limited Depth to saturated zone Shrink-swell	1.00  0.50	Somewhat limited Shrink-swell  Depth to saturated zone Slope	0.50  0.39 0.01
51B+: Vesser-----	90	Somewhat limited Shrink-swell  Depth to saturated zone	0.50  0.39	Very limited Depth to saturated zone Shrink-swell	1.00  0.50	Somewhat limited Shrink-swell  Depth to saturated zone Slope	0.50  0.39 0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
54: Zook-----	95	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
54+: Zook-----	95	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
54B: Zook-----	90	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell Slope	1.00 1.00 0.01
65E: Lindley-----	95	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
65E2: Lindley-----	95	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
65F: Lindley-----	95	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
65F2: Lindley-----	95	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
65G: Lindley-----	95	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
65G2: Lindley-----	95	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
93D2: Shelby-----	60	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
Adair-----	40	Very limited Shrink-swell  Slope Depth to saturated zone	1.00  0.63 0.39	Very limited Depth to saturated zone Slope Shrink-swell	1.00  0.63 0.50	Very limited Slope  Shrink-swell Depth to saturated zone	1.00  1.00 0.39
94D2: Mystic-----	60	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.63  0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00  0.63	Very limited Slope Shrink-swell  Depth to saturated zone	1.00 1.00  0.39
Caleb-----	40	Somewhat limited Slope Shrink-swell	0.63 0.50	Somewhat limited Slope Depth to saturated zone Shrink-swell	0.63 0.61  0.50	Very limited Slope Shrink-swell	1.00 0.50
94E2: Mystic-----	60	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 0.39	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 1.00	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 0.39
Caleb-----	35	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Depth to saturated zone Shrink-swell	1.00 0.61 0.50	Very limited Slope 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
131B: Pershing-----	90	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.01
131C: Pershing-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.86
131C2: Pershing-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.86
131D2: Pershing-----	100	Very limited Shrink-swell Slope	1.00 0.63	Very limited Shrink-swell Depth to saturated zone Slope	1.00 0.95 0.63	Very limited Slope Shrink-swell	1.00 1.00
132B: Weller-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.01
132C: Weller-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.86
132C2: Weller-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.86

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
132D2: Weller-----	100	Very limited Shrink-swell Slope	1.00 0.63	Very limited Shrink-swell Depth to saturated zone Slope	1.00 0.95 0.63	Very limited Slope Shrink-swell	1.00 1.00
172: Wabash-----	95	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
179D2: Gara-----	95	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
179E: Gara-----	95	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
179E2: Gara-----	95	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
179E3: Gara-----	95	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
179F: Gara-----	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
179F2: Gara-----	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
179G2: Gara-----	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
192C2: Adair-----	95	Very limited Shrink-swell  Depth to saturated zone	1.00  0.39	Very limited Depth to saturated zone Shrink-swell	1.00  0.50	Very limited Shrink-swell  Slope  Depth to saturated zone	1.00  0.86  0.39
192D2: Adair-----	95	Very limited Shrink-swell  Slope Depth to saturated zone	1.00  0.63 0.39	Very limited Depth to saturated zone Slope Shrink-swell	1.00  0.63 0.50	Very limited Slope Shrink-swell Depth to saturated zone	1.00  1.00 0.39
211: Edina-----	90	Very limited Depth to saturated zone Shrink-swell	1.00  1.00	Very limited Depth to saturated zone Shrink-swell	1.00  1.00	Very limited Depth to saturated zone Shrink-swell	1.00  1.00
220: Nodaway-----	90	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
222C: Clarinda-----	100	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.86  0.39

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
222C2: Clarinda-----	100	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Slope Depth to saturated zone	1.00 0.86 0.39
222C3: Clarinda-----	100	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Slope Depth to saturated zone	1.00 0.86 0.39
222D2: Clarinda-----	100	Very limited Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 0.39
223C2: Rinda-----	100	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Slope Depth to saturated zone	1.00 0.86 0.39
223D2: Rinda-----	100	Very limited Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 0.39
269: Humeston-----	95	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
269+: Humeston-----	95	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
273B: Olmitz-----	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
273C: Olmitz-----	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
313D2: Gosport-----	90	Very limited Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.07	Very limited Shrink-swell Depth to saturated zone Slope Depth to soft bedrock	1.00 1.00 0.63 0.46	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.07
313E2: Gosport-----	90	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 0.07	Very limited Shrink-swell Slope Depth to saturated zone Depth to soft bedrock	1.00 1.00 1.00 0.46	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.07
313F: Gosport-----	90	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 0.07	Very limited Slope Shrink-swell Depth to saturated zone Depth to soft bedrock	1.00 1.00 1.00 0.46	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.07

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
313F2: Gospport-----	90	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 0.07	Very limited Slope Shrink-swell Depth to saturated zone Depth to soft bedrock	1.00 1.00 1.00 0.46	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 0.07
362: Haig-----	90	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00
364B: Grundy-----	95	Very limited Shrink-swell Depth to saturated zone	1.00 0.07	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Depth to saturated zone Slope	1.00 0.07 0.01
423C2: Bucknell-----	95	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Slope Depth to saturated zone	1.00 0.86 0.39
423D: Bucknell-----	95	Very limited Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 0.39
423D2: Bucknell-----	95	Very limited Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell Depth to saturated zone	1.00 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
425D: Keswick-----	95	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Slope	0.63	Slope	0.63	Shrink-swell	1.00
		Depth to saturated zone	0.39	Shrink-swell	0.50	Depth to saturated zone	0.39
425D2: Keswick-----	95	Somewhat limited Slope	0.63	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Slope	0.63	Shrink-swell	0.50
		Depth to saturated zone	0.39	Shrink-swell	0.50	Depth to saturated zone	0.39
430: Ackmore-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Shrink-swell	0.50	Shrink-swell	1.00	Shrink-swell	0.50
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
451D2: Caleb-----	90	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Slope	1.00
		Shrink-swell	0.50	Depth to saturated zone	0.61	Shrink-swell	0.50
				Shrink-swell	0.50		
451E2: Caleb-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Depth to saturated zone	0.61	Shrink-swell	0.50
				Shrink-swell	0.50		
452C: Lineville-----	100	Somewhat limited Shrink-swell	0.50	Very limited Shrink-swell	1.00	Somewhat limited Slope	0.86
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Shrink-swell	0.50
						Depth to saturated zone	0.39

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
452C2: Lineville-----	100	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.39	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Somewhat limited Slope Shrink-swell Depth to saturated zone	0.86 0.50 0.39
453: Tuskeego-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Depth to saturated zone	1.00
470D2: Lamoni-----	70	Very limited Shrink-swell Slope Depth to saturated zone	1.00 0.63 0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell Depth to saturated zone	1.00 1.00 0.39
Shelby-----	30	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
484: Lawson-----	90	Very limited Flooding Depth to saturated zone	1.00 0.39	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 0.39
587: Chequest-----	90	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
587+: Chequest-----	90	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
592C2: Mystic-----	90	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.86  0.39
592D2: Mystic-----	90	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.63 0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell  Depth to saturated zone	1.00 1.00  0.39
711: Nodaway-----	70	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
Lawson-----	25	Very limited Flooding Depth to saturated zone	1.00 0.39	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 0.39
792C: Armstrong-----	100	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.86  0.39
792C2: Armstrong-----	100	Very limited Shrink-swell  Depth to saturated zone	1.00 0.39	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Shrink-swell  Slope  Depth to saturated zone	1.00  0.86  0.39

Building Site Development

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Lucas 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
792D: Armstrong-----	100	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.63  0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell  Depth to saturated zone	1.00 1.00  0.39
792D2: Armstrong-----	100	Very limited Shrink-swell  Slope Depth to saturated zone	1.00  0.63 0.39	Very limited Depth to saturated zone Slope Shrink-swell	1.00  0.63 0.50	Very limited Slope  Shrink-swell Depth to saturated zone	1.00  1.00 0.39
792D3: Armstrong-----	100	Very limited Shrink-swell  Slope Depth to saturated zone	1.00  0.63 0.39	Very limited Depth to saturated zone Slope Shrink-swell	1.00  0.63 0.50	Very limited Slope  Shrink-swell Depth to saturated zone	1.00  1.00 0.39
822C: Lamoni-----	95	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.86  0.39
822C2: Lamoni-----	95	Very limited Shrink-swell Depth to saturated zone	1.00 0.39	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.86  0.39
822D: Lamoni-----	95	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.63  0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell  Depth to saturated zone	1.00 1.00  0.39

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.)

Lucas 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
822D2: Lamoni-----	95	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.63  0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell  Depth to saturated zone	1.00 1.00  0.39
831B: Pershing-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.01
831C: Pershing-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.86
831C2: Pershing-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Very limited Shrink-swell Slope	1.00 0.86
894D2: Bucknell-----	65	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.63  0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.63	Very limited Slope Shrink-swell  Depth to saturated zone	1.00 1.00  0.39
Gara-----	35	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
993D2: Gara-----	60	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

Building Site Development

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Lucas 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
Armstrong-----	40	Very limited Shrink-swell Slope  Depth to saturated zone	1.00 0.63  0.39	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00  0.63	Very limited Slope Shrink-swell  Depth to saturated zone	1.00 1.00  0.39
1711: Nodaway-----	65	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
Lawson-----	25	Very limited Flooding Depth to saturated zone	1.00 0.39	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00  0.50	Very limited Flooding Depth to saturated zone	1.00 0.39
5021: Orthents-----	100	Not rated		Not rated		Not rated	
5025: Strip Mines-----	100	Not rated		Not rated		Not rated	
5040: Orthents-----	100	Not rated		Not rated		Not rated	
INT: Intermittent Water--	100	Not rated		Not rated		Not rated	
SL: Sewage Lagoon-----	100	Not rated		Not rated		Not rated	

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.)

Lucas 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
W: Water Less Than 40 Acres-----	100	Not rated		Not rated		Not rated	