

Section II  
Soil and Site Information

Building Site Development  
McPherson County, South Dakota

(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.)

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
3A: Bowdle-----	85	Not limited		Very limited Cutbanks cave	1.00	Not limited	
3B: Bowdle-----	85	Not limited		Very limited Cutbanks cave	1.00	Not limited	
5A: Bowbells-----	85	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.47	Not limited	
		Low strength Shrink-swell	1.00 0.50	Cutbanks cave	0.10		
5B: Bowbells-----	85	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
6: Arnegard-----	85	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
7: Bearden-----	85	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Not limited	
		Low strength Shrink-swell	1.00 0.50	Cutbanks cave	0.10		
8: Rentill-----	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
9A: Bearpaw-----	85	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
9B: Bearpaw-----	85	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
9C: Bearpaw-----	85	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
10: Brantford-----	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
11A: Bearpaw-----	50	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
Greenway-----	35	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
11B: Bearpaw-----	45	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
Greenway-----	35	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Vida-----	4	Somewhat limited Low strength  Shrink-swell Frost action	0.78  0.50 0.50	Somewhat limited Cutbanks cave	0.10	Very limited Content of large stones	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13E: Zahl-----	50	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Cutbanks cave	0.63 0.10	Somewhat limited Slope	0.63
Kloten-----	25	Very limited Depth to soft bedrock Slope Low strength Shrink-swell  Frost action	1.00 1.00 0.78 0.50 0.50	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty Content of large stones	1.00 1.00 0.98 0.01
14D: Vida-----	85	Somewhat limited Low strength  Shrink-swell Frost action Slope	0.78 0.50 0.50 0.04	Somewhat limited Cutbanks cave  Slope	0.10 0.04	Very limited Content of large stones Slope	1.00 0.04
15A: Williams-----	50	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Bowbells-----	30	Very limited Frost action  Low strength Shrink-swell	1.00 1.00 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47 0.10	Not limited	
15B: Williams-----	60	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Bowbells-----	20	Very limited Frost action  Low strength Shrink-swell	1.00 1.00 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47 0.10	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
15C: Williams-----	55	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Bowbells-----	25	Very limited Frost action  Low strength Shrink-swell	1.00  1.00 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47  0.10	Not limited	
16A: Williams-----	50	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Bowbells-----	20	Very limited Frost action  Low strength Shrink-swell	1.00  1.00 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47  0.10	Not limited	
Tonka-----	15	Very limited Depth to saturated zone Frost action Low strength Shrink-swell Ponding	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Cutbanks cave	1.00 1.00 0.10	Very limited Depth to saturated zone Ponding	1.00 1.00
16B: Williams-----	45	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Bowbells-----	20	Very limited Frost action  Low strength Shrink-swell	1.00  1.00 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47  0.10	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
Tonka-----	15	Very limited Depth to saturated zone Frost action Low strength Shrink-swell Ponding	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Ponding Cutbanks cave	1.00 1.00 0.10	Very limited Depth to saturated zone Ponding	1.00 1.00
16C: Williams-----	45	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Bowbells-----	20	Very limited Frost action  Low strength Shrink-swell	1.00 1.00 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47 0.10	Not limited	
Parnell-----	15	Very limited Ponding Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey Cutbanks cave	1.00 1.00 0.28 0.10	Very limited Ponding Depth to saturated zone	1.00 1.00
17B: Vida-----	45	Somewhat limited Low strength  Shrink-swell Frost action	0.78 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Very limited Content of large stones	1.00
Williams-----	40	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
17C: Vida-----	40	Somewhat limited Low strength  Shrink-swell Frost action Slope	0.78 0.50 0.50 0.37	Somewhat limited Slope  Cutbanks cave	0.37 0.10	Very limited Content of large stones Slope	1.00 0.37

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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
Williams-----	30	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Bowbells-----	20	Very limited Frost action  Low strength Shrink-swell	1.00  1.00 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47  0.10	Not limited	
17D: Vida-----	55	Somewhat limited Low strength  Shrink-swell Frost action Slope	0.78  0.50 0.50 0.37	Somewhat limited Slope  Cutbanks cave	0.37  0.10	Very limited Content of large stones Slope	1.00  0.37
Zahl-----	25	Very limited Low strength Shrink-swell Frost action Slope	1.00 0.50 0.50 0.37	Somewhat limited Slope Cutbanks cave	0.37 0.10	Somewhat limited Slope	0.37
17E: Vida-----	45	Very limited Slope Low strength  Shrink-swell Frost action	1.00 0.78  0.50 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Content of large stones	1.00 1.00
Zahill-----	35	Very limited Slope Low strength  Shrink-swell Frost action	1.00 0.78  0.50 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Content of large stones	1.00 0.01
18A: Williams-----	55	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	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
Niobell-----	30	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone	0.47	Not limited	
		Frost action	0.50	Cutbanks cave	0.10		
20A: Lehr-----	90	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.21
20B: Lehr-----	85	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.21
21A: Cavour-----	50	Very limited Shrink-swell	1.00	Somewhat limited Depth to saturated zone	0.47	Very limited Sodium content	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Frost action	0.50	Too clayey	0.03		
Miranda-----	35	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.47	Very limited Sodium content	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
22A: Niobell-----	45	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone	0.47	Not limited	
		Frost action	0.50	Cutbanks cave	0.10		
Miranda-----	30	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.47	Very limited Sodium content	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
23A: Noonan Variant-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
24A: Niobell-----	45	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone	0.47	Not limited	
		Frost action	0.50	Cutbanks cave	0.10		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Noonan-----	35	Very limited Shrink-swell	1.00	Somewhat limited Depth to saturated zone	0.47	Not limited	
		Low strength	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
25: Miranda-----	55	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.47	Very limited Sodium content	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
Heil-----	30	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00	Cutbanks cave	1.00	Ponding	1.00
		Shrink-swell	1.00	Ponding	1.00		
		Ponding	1.00	Too clayey	0.72		
		Frost action	0.50				
26: Cresbard-----	50	Very limited Shrink-swell	1.00	Somewhat limited Depth to saturated zone	0.47	Not limited	
		Low strength	1.00	Cutbanks cave	0.10		
		Frost action	0.50	Too clayey	0.03		
Cavour-----	35	Very limited Shrink-swell	1.00	Somewhat limited Depth to saturated zone	0.47	Very limited Sodium content	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Frost action	0.50	Too clayey	0.03		
27B: Lehr-----	55	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.21
Bowdle-----	35	Not limited		Very limited Cutbanks cave	1.00	Not limited	
29: Exline-----	55	Very limited Low strength	1.00	Very limited Cutbanks cave	1.00	Very limited Sodium content	1.00
		Shrink-swell	1.00	Depth to saturated zone	1.00		
		Frost action	0.50	Too clayey	0.12		

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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
Harmony-----	35	Very limited Shrink-swell Low strength  Frost action	1.00 1.00  0.50	Very limited Cutbanks cave Depth to saturated zone Too clayey	1.00 0.47  0.03	Not limited	
30: Letcher-----	40	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.24 0.10	Not limited	
Parshall-----	35	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
31: Harmony-----	85	Very limited Shrink-swell Low strength  Frost action	1.00 1.00  0.50	Very limited Cutbanks cave Depth to saturated zone Too clayey	1.00 0.47  0.03	Not limited	
32: Harmony-----	55	Very limited Shrink-swell Low strength  Frost action	1.00 1.00  0.50	Very limited Cutbanks cave Depth to saturated zone Too clayey	1.00 0.47  0.03	Not limited	
Exline-----	30	Very limited Low strength Shrink-swell  Frost action	1.00 1.00  0.50	Very limited Cutbanks cave Depth to saturated zone Too clayey	1.00 1.00  0.12	Very limited Sodium content	1.00
37: Straw-----	85	Very limited Flooding Shrink-swell Frost action	1.00 0.50 0.50	Very limited Cutbanks cave Flooding	1.00 0.80	Very limited Flooding	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
38: Regan-----	85	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
		Shrink-swell	0.50				
40A: Mondamin-----	85	Very limited Low strength	1.00	Very limited Cutbanks cave	1.00	Not limited	
		Shrink-swell	1.00	Too clayey	0.03		
40B: Mondamin-----	85	Very limited Low strength	1.00	Very limited Cutbanks cave	1.00	Not limited	
		Shrink-swell	1.00	Too clayey	0.03		
43C: Wabek-----	50	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Droughty	1.00
				Cutbanks cave	0.10	Gravel content	1.00
						Slope	0.37
Bowdle-----	40	Not limited		Very limited Cutbanks cave	1.00	Not limited	
44D: Wabek-----	85	Somewhat limited Slope	0.84	Somewhat limited Slope	0.84	Very limited Droughty	1.00
				Cutbanks cave	0.10	Gravel content	1.00
						Slope	0.84
45B: Wabek-----	50	Not limited		Somewhat limited Cutbanks cave	0.10	Very limited Droughty	1.00
						Gravel content	1.00
Lehr-----	30	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.21
52B: Lihen-----	50	Not limited		Very limited Cutbanks cave	1.00	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Parshall-----	30	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
52D: Lihen-----	85	Somewhat limited Slope	0.84	Very limited Cutbanks cave Slope	1.00 0.84	Somewhat limited Slope	0.84
54B: Tansem-----	55	Somewhat limited Frost action Low strength	0.50 0.22	Very limited Cutbanks cave	1.00	Not limited	
Roseglen-----	30	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
55A: Parshall-----	45	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Tally-----	35	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
55B: Tally-----	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
56D: Tansem Variant-----	85	Somewhat limited Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope	0.63
57A: Bryant-----	55	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Grassna-----	25	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47 0.10	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
57B: Bryant-----	55	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Grassna-----	25	Very limited Low strength  Shrink-swell Frost action	1.00  0.50 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47 0.10	Not limited	
57C: Bryant-----	85	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
58B: Temvik-----	35	Very limited Low strength Frost action	1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Grassna-----	30	Very limited Low strength  Shrink-swell Frost action	1.00  0.50 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47 0.10	Not limited	
Bearpaw-----	25	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
62: Hamerly-----	85	Very limited Frost action  Low strength Shrink-swell	1.00  0.78 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Not limited	
64: Grassna-----	85	Very limited Low strength  Shrink-swell Frost action	1.00  0.50 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.47 0.10	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
65: Grail-----	85	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.35	Not limited	
		Shrink-swell Frost action	1.00 0.50	Cutbanks cave	0.10		
72: Ranslo-----	45	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Sodium content	1.00
		Flooding Low strength	1.00 1.00	Flooding Cutbanks cave	0.60 0.10	Flooding Depth to saturated zone	0.60 0.19
		Shrink-swell Depth to saturated zone	1.00 0.19	Too clayey	0.03		
Harriet-----	40	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Sodium content	1.00
		Frost action	1.00	Flooding	0.60	Depth to saturated zone	1.00
		Flooding Low strength Shrink-swell	1.00 1.00 0.50	Cutbanks cave	0.10	Flooding	0.60
75: Tonka-----	50	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	Ponding	1.00	Ponding	1.00
		Low strength Shrink-swell Ponding	1.00 1.00 1.00	Cutbanks cave	0.10		
Nishon-----	35	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength Shrink-swell Ponding Frost action	1.00 1.00 1.00 0.50	Ponding Too clayey Cutbanks cave	1.00 0.50 0.10	Ponding	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
76: Parnell-----	90	Very limited Ponding Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey Cutbanks cave	1.00 1.00 0.28 0.10	Very limited Ponding Depth to saturated zone	1.00 1.00
77: Nishon-----	50	Very limited Depth to saturated zone Low strength Shrink-swell Ponding Frost action	1.00 1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Ponding Too clayey Cutbanks cave	1.00 1.00 0.50 0.10	Very limited Depth to saturated zone Ponding	1.00 1.00
Heil-----	40	Very limited Depth to saturated zone Low strength Shrink-swell Ponding Frost action	1.00 1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Cutbanks cave Ponding Too clayey	1.00 1.00 1.00 0.72	Very limited Depth to saturated zone Ponding	1.00 1.00
80: Heil-----	95	Very limited Depth to saturated zone Low strength Shrink-swell Ponding Frost action	1.00 1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Cutbanks cave Ponding Too clayey	1.00 1.00 1.00 0.72	Very limited Depth to saturated zone Ponding	1.00 1.00
82: Stirum-----	85	Very limited Depth to saturated zone Ponding Frost action	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Cutbanks cave Ponding	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Sodium content Ponding	1.00 1.00 1.00 1.00

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(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.)

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
85: Ranslo-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Sodium content	1.00
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Low strength	1.00	Cutbanks cave	0.10	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.03		
		Depth to saturated zone	0.19				
86: Harriet-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Sodium content	1.00
		Frost action	1.00	Flooding	0.60	Depth to saturated zone	1.00
		Flooding	1.00	Cutbanks cave	0.10	Flooding	0.60
		Low strength	1.00				
		Shrink-swell	0.50				
87: Marysland-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	1.00		
		Shrink-swell	0.50				
		Low strength	0.22				
88: Divide-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
				Depth to saturated zone	1.00		
97: Regan-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
		Shrink-swell	0.50				

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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
98: Vallars-----	85	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	1.00				
		Shrink-swell	0.50				
		Flooding	0.40				
99: Orthents, Gravelly--	99	Very limited Slope	1.00	Very limited Cutbanks cave	1.00	Very limited Slope	1.00
				Slope	1.00	Droughty	0.42
						Gravel content	0.25
100: Parnell-----	90	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Too clayey	0.28		
		Shrink-swell	1.00	Cutbanks cave	0.10		
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated		Not rated	