

Section II  
Soil and Site Information

Building Site Development  
Todd 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
AlA: Altvan-----	90	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
AlB: Altvan-----	95	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
AnB: Anselmo-----	70	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
AnC: Anselmo-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
ApC: Anselmo-----	70	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Duda-----	20	Not limited		Very limited Cutbanks cave Depth to soft bedrock	1.00 0.42	Somewhat limited Droughty Depth to bedrock	0.90 0.42
ArC: Anselmo-----	45	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Ronson-----	30	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock Droughty	0.42 0.01
AtE: Anselmo-----	46	Somewhat limited Slope Frost action	0.84 0.50	Very limited Cutbanks cave Slope	1.00 0.84	Somewhat limited Slope	0.84
Longpine-----	30	Very limited Depth to soft bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 1.00 1.00 0.10	Very limited Depth to bedrock Droughty Slope	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
AuE: Anselmo-----	35	Somewhat limited Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope	0.63
Tuthill-----	30	Somewhat limited Slope Shrink-swell	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope	0.63
AvA: Anselmo-----	55	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Vetal-----	30	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
AvB: Anselmo-----	60	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Vetal-----	30	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
BsD: Boyd-----	70	Very limited Shrink-swell Low strength	1.00 1.00	Somewhat limited Too clayey Depth to soft bedrock Cutbanks cave	0.88 0.42 0.10	Very limited Too clayey Depth to bedrock Droughty	1.00 0.42 0.35
Sansarc-----	25	Very limited Shrink-swell Depth to soft bedrock Low strength Slope	1.00 1.00 1.00 0.84	Very limited Depth to soft bedrock Too clayey Slope Cutbanks cave	1.00 1.00 1.00 0.84 0.10	Very limited Too clayey Depth to bedrock Droughty Slope	1.00 1.00 1.00 0.84
CaA: Chappell-----	60	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.01
Anselmo-----	30	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
CaB: Chappell-----	55	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Anselmo-----	25	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
DcC: Dix-----	50	Not limited		Very limited Cutbanks cave Depth to dense layer	1.00 0.50	Somewhat limited Droughty	0.70
Chappell-----	30	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.01
DfA: Doger-----	80	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.02
DgB: Doger-----	65	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.02
Dunday-----	20	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.01
DlB: Duda-----	70	Not limited		Very limited Cutbanks cave Depth to soft bedrock	1.00 0.42	Somewhat limited Droughty Depth to bedrock	0.90 0.42
DsA: Dunday-----	90	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.01
DuA: Dunday-----	90	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.01
ElA: Elsmere-----	65	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Somewhat limited Depth to saturated zone	0.03
		Depth to saturated zone	0.03	Depth to saturated zone	1.00	Droughty	0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EpF: Epping-----	65	Very limited Slope	1.00	Very limited Depth to soft bedrock	1.00	Very limited Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
		Low strength	0.78	Cutbanks cave	0.10	Droughty	0.49
Keota-----	20	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
				Depth to soft bedrock	0.42	Depth to bedrock	0.42
				Cutbanks cave	0.10		
Ge: Gannett-----	70	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	Cutbanks cave	1.00	Flooding	0.60
		Depth to saturated zone	1.00	Flooding	0.60		
Gh: Goshen-----	90	Very limited Low strength	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
Gr: Schamber-----	45	Very limited Slope	1.00	Very limited Cutbanks cave	1.00	Very limited Slope	1.00
				Slope	1.00	Droughty	1.00
						Gravel content	0.38
Dix-----	40	Somewhat limited Slope	0.63	Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.70
				Slope	0.63	Slope	0.63
				Depth to dense layer	0.50		
HfA: Holt-----	85	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock	0.42	Somewhat limited Droughty	0.43
				Cutbanks cave	0.10	Depth to bedrock	0.42

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
H1C: Holt-----	40	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Droughty Depth to bedrock	0.43 0.42
Vetal-----	20	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
HmA: Hoven-----	90	Very limited Shrink-swell Depth to saturated zone Low strength Ponding Frost action	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 0.28 0.10	Very limited Depth to saturated zone Sodium content Ponding	1.00 1.00 1.00
HnA: Jerauld-----	80	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Depth to saturated zone Too clayey Cutbanks cave	0.47 0.28 0.10	Very limited Sodium content	1.00
HuA: Huggins-----	85	Very limited Low strength Shrink-swell Depth to hard bedrock	1.00 1.00 0.84	Very limited Depth to hard bedrock Cutbanks cave Too clayey	1.00 1.00 0.03	Somewhat limited Depth to bedrock	0.84
HwB: Huggins-----	55	Very limited Low strength Shrink-swell Depth to hard bedrock	1.00 1.00 0.84	Very limited Depth to hard bedrock Cutbanks cave Too clayey	1.00 1.00 0.03	Somewhat limited Depth to bedrock	0.84
Kadoka-----	30	Very limited Low strength Frost action	1.00 0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
In: Inavale-----	90	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.17
Iw: Inavale-----	75	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.17
Bigwinder-----	20	Very limited Flooding Frost action  Depth to saturated zone	1.00 0.50  0.19	Very limited Cutbanks cave Depth to saturated zone Flooding	1.00 1.00  0.80	Very limited Flooding Depth to saturated zone	1.00 0.19
KaA: Kadoka-----	85	Very limited Low strength  Frost action	1.00  0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42  0.10	Somewhat limited Depth to bedrock	0.42
KbC: Kadoka-----	55	Very limited Low strength  Frost action	1.00  0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42  0.10	Somewhat limited Depth to bedrock	0.42
Epping-----	15	Somewhat limited Depth to soft bedrock Low strength	1.00  0.78	Very limited Depth to soft bedrock Cutbanks cave	1.00  0.10	Very limited Depth to bedrock  Droughty	1.00  0.49
KdB: Kadoka-----	50	Very limited Low strength  Frost action	1.00  0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42  0.10	Somewhat limited Depth to bedrock	0.42
Huggins-----	37	Very limited Low strength  Shrink-swell Depth to hard bedrock	1.00  1.00 0.84	Very limited Depth to hard bedrock Cutbanks cave Too clayey	1.00  1.00 0.03	Somewhat limited Depth to bedrock	0.84

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
KdC: Kadoka-----	65	Very limited Low strength	1.00	Somewhat limited Depth to soft bedrock	0.42	Somewhat limited Depth to bedrock	0.42
		Frost action	0.50	Cutbanks cave	0.10		
Huggins-----	25	Very limited Low strength	1.00	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.84
		Shrink-swell Depth to hard bedrock	1.00 0.84	Cutbanks cave Too clayey	1.00 0.03		
KeA: Keith-----	90	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
KeC: Keith-----	60	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
KgD: Keith-----	45	Very limited Low strength Shrink-swell Frost action Slope	1.00 0.50 0.50 0.16	Somewhat limited Slope Cutbanks cave	0.16 0.10	Somewhat limited Slope	0.16
Epping-----	30	Somewhat limited Depth to soft bedrock Low strength Slope	1.00 0.78 0.63	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 0.63 0.10	Very limited Depth to bedrock Slope Droughty	1.00 0.63 0.49
KhE: Keota-----	40	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock Cutbanks cave	1.00 0.42 0.10	Very limited Slope Depth to bedrock	1.00 0.42

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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
Epping-----	35	Somewhat limited Depth to soft bedrock Low strength Slope	1.00 0.78 0.63	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 0.63 0.10	Very limited Depth to bedrock Slope Droughty	1.00 0.63 0.49
KkD: Keota-----	45	Somewhat limited Slope	0.63	Somewhat limited Slope Depth to soft bedrock Cutbanks cave	0.63 0.42 0.10	Somewhat limited Slope Depth to bedrock	0.63 0.42
Kadoka-----	40	Very limited Low strength Slope  Frost action	1.00 0.63 0.50	Somewhat limited Slope Depth to soft bedrock Cutbanks cave	0.63 0.42 0.10	Somewhat limited Slope Depth to bedrock	0.63 0.42
KrF: Keota-----	35	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock Cutbanks cave	1.00 0.42 0.10	Very limited Slope Depth to bedrock	1.00 0.42
Epping-----	30	Very limited Slope  Depth to soft bedrock Low strength	1.00 1.00 0.78	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 0.49
Rock Outcrop, Soft--	20	Not rated		Not rated		Not rated	
Ky: Keya-----	85	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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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
La: Fluvents, Loamy-----	99	Not rated		Not rated		Not rated	
Le: Loup-----	60	Very limited Depth to saturated zone Frost action	1.00 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 1.00	Very limited Depth to saturated zone Droughty	1.00 0.01
Elsmere-----	25	Somewhat limited Frost action  Depth to saturated zone	0.50 0.03	Very limited Cutbanks cave  Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone Droughty	0.03 0.01
MaD: Mckelvie-----	90	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00 1.00	Very limited Slope Droughty	1.00 0.22
MaF: Mckelvie-----	70	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Droughty	1.00 0.22
Peji-----	20	Very limited Slope	1.00	Very limited Slope Cutbanks cave Depth to soft bedrock	1.00 1.00 0.42	Very limited Slope Droughty Too sandy  Depth to bedrock	1.00 0.90 0.50 0.42
MaG: Mckelvie-----	70	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Droughty	1.00 0.22
Peji-----	20	Very limited Slope	1.00	Very limited Slope Cutbanks cave Depth to soft bedrock	1.00 1.00 0.42	Very limited Slope Droughty Too sandy  Depth to bedrock	1.00 0.90 0.50 0.42

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MaHG: Mckelvie-----	55	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Droughty	1.00 0.22
Blula-----	20	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope	1.00
Peji-----	20	Very limited Slope	1.00	Very limited Slope Cutbanks cave Depth to soft bedrock	1.00 1.00 0.42	Very limited Slope Droughty Too sandy  Depth to bedrock	1.00 0.90 0.50  0.42
MbA: Millboro-----	90	Very limited Shrink-swell Low strength	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.72 0.10	Very limited Too clayey	1.00
MbB: Millboro-----	95	Very limited Shrink-swell Low strength	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.72 0.10	Very limited Too clayey	1.00
MbC: Millboro-----	90	Very limited Shrink-swell Low strength	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.72 0.10	Very limited Too clayey	1.00
MhA: Mosher-----	80	Somewhat limited Shrink-swell Frost action	0.50 0.50	Very limited Cutbanks cave Depth to saturated zone Too clayey	1.00 0.61 0.28	Very limited Sodium content	1.00
MmA: Mosher-----	69	Somewhat limited Shrink-swell Frost action	0.50 0.50	Very limited Cutbanks cave Depth to saturated zone Too clayey	1.00 0.61 0.28	Very limited Sodium content	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Minatare-----	30	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Very limited Sodium content	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10	Depth to saturated zone	0.19
		Frost action Depth to saturated zone	0.50 0.19				
OkC: Okreek-----	90	Very limited Shrink-swell	1.00	Somewhat limited Too clayey	0.72	Very limited Too clayey	1.00
		Low strength	1.00	Cutbanks cave	0.10	Depth to bedrock	0.10
				Depth to soft bedrock	0.10		
OoE: Okreek-----	60	Very limited Shrink-swell	1.00	Somewhat limited Too clayey	0.72	Very limited Too clayey	1.00
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Cutbanks cave	0.10	Depth to bedrock	0.10
				Depth to soft bedrock	0.10		
Orella-----	30	Somewhat limited Depth to soft bedrock	1.00	Very limited Depth to soft bedrock	1.00	Very limited Depth to bedrock	1.00
		Slope	0.96	Slope	0.96	Droughty	1.00
				Too clayey	0.64	Too clayey	1.00
				Cutbanks cave	0.10	Sodium content	1.00
						Slope	0.96
OrF: Orella-----	40	Very limited Slope	1.00	Very limited Depth to soft bedrock	1.00	Very limited Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
				Too clayey	0.64	Droughty	1.00
				Cutbanks cave	0.10	Too clayey	1.00
						Sodium content	1.00
Rock Outcrop, Soft--	25	Not rated		Not rated		Not rated	

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Pm: Cutcomb-----	80	Very limited Depth to saturated zone Subsidence Ponding Frost action	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Content of organic matter Ponding Cutbanks cave	1.00 1.00 1.00 1.00 0.10	Very limited Content of organic matter Depth to saturated zone Ponding	1.00 1.00 1.00
RcE: Rosebud-----	23	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to soft bedrock Cutbanks cave	0.63 0.42 0.10	Somewhat limited Slope Depth to bedrock	0.63 0.42
Canyon-----	22	Very limited Depth to soft bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 0.93
RdA: Richfield-----	77	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Dawes-----	20	Very limited Low strength Shrink-swell	1.00 0.50	Very limited Cutbanks cave Depth to saturated zone Too clayey	1.00 0.47 0.03	Not limited	
RhB: Richfield-----	45	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Tuthill-----	40	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
RnA: Ronson-----	55	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock Droughty	0.42 0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Anselmo-----	25	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
RnB: Ronson-----	50	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock Droughty	0.42 0.01
Anselmo-----	30	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Ru: Peji-----	40	Very limited Slope	1.00	Very limited Slope Cutbanks cave Depth to soft bedrock	1.00 1.00 0.42	Very limited Slope Droughty Too sandy Depth to bedrock	1.00 0.90 0.50 0.42
Mckelvie-----	35	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00 1.00	Very limited Slope Droughty	1.00 0.22
Sa: Els-----	50	Somewhat limited Frost action Depth to saturated zone	0.50 0.03	Very limited Cutbanks cave Depth to saturated zone	1.00 1.00	Somewhat limited Droughty Depth to saturated zone	0.41 0.03
Selia-----	40	Very limited Flooding Frost action Depth to saturated zone	1.00 0.50 0.19	Very limited Cutbanks cave Depth to saturated zone Flooding	1.00 1.00 0.60	Very limited Sodium content Flooding Depth to saturated zone Droughty	1.00 0.60 0.19 0.10
SbE: Sansarc-----	55	Very limited Shrink-swell Slope Depth to soft bedrock Low strength	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Too clayey Cutbanks cave	1.00 1.00 1.00 0.10	Very limited Too clayey Depth to bedrock Slope Droughty	1.00 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
Boyd-----	40	Very limited Shrink-swell Slope Low strength	1.00 1.00 1.00	Very limited Slope Too clayey Depth to soft bedrock Cutbanks cave	1.00 0.88 0.42 0.10	Very limited Too clayey Slope Depth to bedrock Droughty	1.00 1.00 0.42 0.35
Sd: Yockey-----	50	Very limited Flooding Frost action Depth to saturated zone	1.00 0.50 0.03	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.60 0.10	Somewhat limited Flooding Depth to saturated zone	0.60 0.03
Bigwinder-----	40	Very limited Flooding Frost action Depth to saturated zone	1.00 0.50 0.19	Very limited Cutbanks cave Depth to saturated zone Flooding	1.00 1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 0.19
SnC: Shena-----	60	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock Cutbanks cave	1.00 0.10	Very limited Depth to bedrock Droughty	1.00 0.91
TcF: Longpine-----	40	Very limited Slope Depth to soft bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Rock Outcrop, Soft--	20	Not rated		Not rated		Not rated	

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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
TfE: Longpine-----	50	Very limited Depth to soft bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Droughty Slope	1.00 1.00 1.00
Ronson-----	25	Very limited Slope Frost action	1.00 0.50	Very limited Slope Depth to soft bedrock Cutbanks cave	1.00 0.42 0.10	Very limited Slope Depth to bedrock Droughty	1.00 0.42 0.01
ThA: Tuthill-----	90	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
ThB: Tuthill-----	75	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
ThC: Tuthill-----	80	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
TnC: Tuthill-----	50	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
Anselmo-----	25	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
TtC: Tuthill-----	35	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
Longpine-----	30	Somewhat limited Depth to soft bedrock	1.00	Very limited Depth to soft bedrock Cutbanks cave	1.00 0.10	Very limited Depth to bedrock Droughty	1.00 1.00
TvA: Tuthill-----	50	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
Vetal-----	28	Somewhat limited Frost action	0.50	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
TwA: Tuthill-----	45	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
Wortman-----	25	Somewhat limited Low strength	0.78	Somewhat limited Depth to soft bedrock Cutbanks cave Too clayey	0.42 0.10 0.03	Very limited Sodium content Depth to bedrock	1.00 0.42
VaE: Valentine-----	99	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00 1.00	Very limited Slope Droughty	1.00 0.34
VdC: Valentine-----	55	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.34
Dunday-----	35	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.01
VsE: Valentine-----	55	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00 1.00	Very limited Slope Droughty	1.00 0.34
Tassel-----	25	Very limited Slope  Depth to soft bedrock	1.00  1.00	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Vt: Vetal-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated		Not rated	

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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
WbA: Wanblee-----	45	Very limited Low strength	1.00	Somewhat limited Depth to soft bedrock	0.42	Somewhat limited Depth to bedrock	0.42
		Shrink-swell	0.50	Cutbanks cave	0.10	Droughty	0.19
Wortman-----	35	Somewhat limited Low strength	0.78	Somewhat limited Depth to soft bedrock	0.42	Very limited Sodium content	1.00
		Shrink-swell	0.50	Cutbanks cave Too clayey	0.10 0.03	Depth to bedrock	0.42
Wd: Wann-----	85	Very limited Frost action Flooding	1.00 1.00	Very limited Cutbanks cave Depth to saturated zone Flooding	1.00 1.00 0.60	Somewhat limited Flooding	0.60
We: Wann-----	70	Very limited Frost action Flooding	1.00 1.00	Very limited Cutbanks cave Depth to saturated zone Flooding	1.00 1.00 0.60	Somewhat limited Flooding	0.60
WhA: Whitelake-----	85	Very limited Frost action Shrink-swell	1.00 0.50	Very limited Cutbanks cave Depth to saturated zone	1.00 0.61	Very limited Sodium content	1.00
WOA: Wortman-----	50	Very limited Low strength	1.00	Somewhat limited Depth to soft bedrock	0.42	Very limited Sodium content	1.00
		Shrink-swell	1.00	Cutbanks cave Too clayey	0.10 0.03	Depth to bedrock	0.42
WrA: Wortman-----	70	Somewhat limited Low strength	0.78	Somewhat limited Depth to soft bedrock Cutbanks cave Too clayey	0.42 0.10 0.03	Very limited Sodium content Depth to bedrock	1.00 0.42

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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
Yb: Yockey-----	60	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Frost action	0.50	Flooding	0.60	Depth to saturated zone	0.03
		Depth to saturated zone	0.03	Cutbanks cave	0.10		
Bigwinder-----	35	Very limited Flooding	1.00	Very limited Cutbanks cave	1.00	Very limited Flooding	1.00
		Frost action	0.50	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Flooding	0.80		