

Section II  
Soil and Site Information

Sanitary Facilities Table 1  
Lawrence 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	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
AaB: Alice-----	90	Very limited Filtering capacity	1.00	Very limited Seepage  Slope	1.00  0.32
Ba: Barnum-----	90	Very limited Flooding Restricted permeability	1.00 0.50	Very limited Flooding Seepage	1.00 0.50
Bb: Barnum-----	85	Very limited Flooding Restricted permeability	1.00 0.50	Very limited Flooding Seepage	1.00 0.50
BcA: Boneek-----	90	Somewhat limited Depth to bedrock Restricted permeability	0.78 0.50	Somewhat limited Seepage Depth to soft bedrock	0.50 0.42
BcB: Boneek-----	85	Somewhat limited Depth to bedrock Restricted permeability	0.78 0.50	Somewhat limited Seepage Depth to soft bedrock Slope	0.50 0.42 0.32
BcC: Boneek-----	85	Somewhat limited Depth to bedrock Restricted permeability	0.78 0.50	Very limited Slope Seepage  Depth to soft bedrock	1.00 0.50  0.42
BdE: Buska-----	65	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Rock Outcrop, Hard--	20	Not rated		Not rated	
BeE: Butche-----	85	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	0.50
BhE: Butche-----	60	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	0.50
Rock Outcrop, Sandy-	25	Not rated		Not rated	
BkD: Butche-----	60	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Content of large stones	0.07	Seepage	0.50
				Content of large stones	0.01
Satanta-----	35	Somewhat limited Restricted permeability	0.50	Very limited Slope	1.00
				Seepage	0.50
CaD: Canyon-----	55	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	0.37	Slope	1.00
				Seepage	0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Bridget-----	25	Somewhat limited Restricted permeability	0.50	Very limited Slope	1.00
				Seepage	0.50
CaE: Canyon-----	60	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	0.50
Bridget-----	25	Somewhat limited Slope Restricted permeability	0.84 0.50	Very limited Slope Seepage	1.00 0.50
CbE: Citadel-----	70	Very limited Restricted permeability Slope	1.00 1.00	Very limited Slope Seepage	1.00 0.32
Cc: Orthents, Tailings--	100	Not rated		Not rated	
EaD: Enning-----	70	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	0.50
Minnequa-----	20	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Restricted permeability	0.68	Slope	1.00
		Slope	0.63	Seepage	0.32
GaD: Glenberg Variant----	90	Very limited Flooding Depth to saturated zone	1.00 0.40	Very limited Flooding Seepage	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
GbE: Grizzly-----	55	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope Seepage	1.00 1.00
Virkula-----	25	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope Seepage	1.00 0.32
GcD: Grummit-----	75	Very limited Depth to bedrock Slope	1.00 0.96	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50
Rock Outcrop, Acid--	15	Not rated		Not rated	
GdE: Grummit-----	60	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50
Rock Outcrop, Acid--	35	Not rated		Not rated	
GeD: Gypnevee-----	65	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
Rekop-----	25	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ha: Higgins-----	90	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
HbF: Hisega-----	60	Very limited Slope Restricted permeability Content of large stones	1.00 0.50 0.19	Very limited Slope Seepage Content of large stones	1.00 0.50 0.01
Rock Outcrop, Hard--	25	Not rated		Not rated	
HcA: Hisle-----	85	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
HdA: Hisle-----	65	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
Slickspots, Dry-----	20	Not rated		Not rated	
KaA: Kyle-----	90	Very limited Restricted permeability	1.00	Not limited	
KaB: Kyle-----	90	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
LaE: Lakoa-----	80	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
MaC: Maitland-----	90	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.92 0.50
MaD: Maitland-----	85	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
MbE: Marshbrook-----	55	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Slope	1.00 1.00 0.08
Maitland-----	35	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.92 0.50
McD: Midway-----	60	Very limited Depth to bedrock Slope	1.00 0.96	Very limited Depth to soft bedrock Slope	1.00 1.00
Razor-----	25	Very limited Depth to bedrock Slope	1.00 0.63	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.18

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
NaB: Nevee-----	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage  Slope	0.50  0.32
NaC: Nevee-----	85	Somewhat limited Restricted permeability	0.50	Very limited Slope  Seepage	1.00  0.50
NbD: Nevee-----	35	Somewhat limited Slope Restricted permeability	0.63 0.50	Very limited Slope Seepage	1.00 0.50
Spearfish-----	30	Very limited Depth to bedrock  Slope	1.00  1.00	Very limited Depth to soft bedrock Slope	1.00  1.00
Rock Outcrop, Soft--	20	Not rated		Not rated	
NcD: Nihill-----	85	Very limited Slope	1.00	Very limited Seepage Slope	1.00 1.00
NdA: Nunn-----	85	Very limited Restricted permeability	1.00	Not limited	
NdB: Nunn-----	85	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32
NdC: Nunn-----	85	Very limited Restricted permeability	1.00	Very limited Slope	1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
PaE: Pactola-----	65	Very limited Content of large stones	1.00	Very limited Slope	1.00
		Restricted permeability	0.50	Content of large stones	1.00
		Slope	0.37	Seepage	0.50
Rock Outcrop, Hard--	20	Not rated		Not rated	
PbE: Paunsaugunt-----	50	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Rock Outcrop, Sandy-	40	Not rated		Not rated	
PcB: Pierre-----	90	Very limited Restricted permeability	1.00	Very limited Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Slope	0.32
PcD: Pierre-----	85	Very limited Restricted permeability	1.00	Very limited Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	0.63		
Pe: Rock Outcrop, Hard--	100	Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value
RaE: Rekop-----	35	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50
Gypnevee-----	25	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
Rock Outcrop, Sandy-	20	Not rated		Not rated	
RbF: Rock Outcrop, Hard--	55	Not rated		Not rated	
Pactola-----	35	Very limited Slope Content of large stones Restricted permeability	1.00 1.00 0.50	Very limited Slope Content of large stones Seepage	1.00 1.00 0.50
RcF: Rock Outcrop, Sandy-	40	Not rated		Not rated	
Vanocker-----	40	Very limited Slope Restricted permeability Content of large stones	1.00 0.50 0.02	Very limited Slope Seepage Content of large stones	1.00 0.50 0.05
SaA: Satanta-----	90	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
SaB: Satanta-----	90	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
				Slope	0.32
SaC: Satanta-----	85	Somewhat limited Restricted permeability	0.50	Very limited Slope	1.00
				Seepage	0.50
SbA: Savo-----	90	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.32
Tilford-----	3	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
SbB: Savo-----	90	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.32
				Slope	0.32
ScD: Snomo-----	55	Somewhat limited Slope Depth to bedrock Restricted permeability	0.84 0.78 0.50	Very limited Slope	1.00
				Seepage	0.50
				Depth to soft bedrock	0.42
Rock Outcrop, Acid--	30	Not rated		Not rated	
Sd: Stetter Variant-----	100	Very limited Flooding Restricted permeability	1.00 1.00	Very limited Flooding	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
SeE: Stovho-----	70	Very limited Restricted permeability Slope	1.00 1.00	Very limited Slope Seepage	1.00 0.32
SgF: Stovho-----	45	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope Seepage	1.00 0.32
Trebor-----	30	Very limited Depth to bedrock Slope Restricted permeability Content of large stones	1.00 1.00 0.50 0.32	Very limited Depth to hard bedrock Slope Content of large stones Seepage	1.00 1.00 0.81 0.50
ShA: St. Onge-----	90	Somewhat limited Restricted permeability Flooding	0.50 0.40	Somewhat limited Seepage Flooding	0.50 0.40
Sk: Swint-----	90	Somewhat limited Restricted permeability Flooding	0.50 0.40	Somewhat limited Seepage Flooding	0.50 0.40
TaA: Tilford-----	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
TaB: Tilford-----	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
TaC: Tilford-----	85	Somewhat limited Restricted permeability	0.50	Very limited Slope  Seepage	1.00  0.50
TbE: Trebtor-----	70	Very limited Depth to bedrock  Slope Restricted permeability Content of large stones	1.00  1.00 0.50 0.32	Very limited Depth to hard bedrock Slope Content of large stones Seepage	1.00  1.00 0.81 0.50
Rock Outcrop, Sandy-	20	Not rated		Not rated	
VaA: Vale-----	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
VaB: Vale-----	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage  Slope	0.50  0.32
VaC: Vale-----	85	Somewhat limited Restricted permeability	0.50	Very limited Slope  Seepage	1.00  0.50
VbF: Vanocker-----	45	Very limited Slope Restricted permeability Content of large stones	1.00 0.50 0.02	Very limited Slope Seepage  Content of large stones	1.00 0.50 0.05

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Citadel-----	40	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope Seepage	1.00 0.32
VcE: Virkula-----	65	Very limited Restricted permeability Slope	1.00 0.37	Very limited Slope Seepage	1.00 0.32
WaA: Weber-----	90	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Wb: Winetti-----	90	Somewhat limited Flooding	0.40	Very limited Seepage Slope Flooding Content of large stones	1.00 0.68 0.40 0.04
ww: Water (less Than 40 Acres)-----	100	Not rated		Not rated	

