

Section II
Soil and Site Information

Sanitary Facilities Table 1
Jones 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
Ab: Albaton-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		
Bb: Bigbend-----	95	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
		Flooding	0.40	Flooding	0.40
Bf: Bigbend-----	95	Very limited Flooding	1.00	Very limited Flooding	1.00
		Restricted permeability	0.50	Seepage	0.50
Bg: Bigbend-----	95	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
		Flooding	0.40	Flooding	0.40
Bh: Bigbend-----	95	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
		Flooding	0.40	Flooding	0.40
Bi: Bigbend-----	50	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
		Flooding	0.40	Flooding	0.40
Inavale-----	40	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
		Flooding	0.40	Flooding	0.40

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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
Bu: Bullcreek-----	90	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.08
Bx: Bullcreek-----	60	Very limited Restricted permeability	1.00	Not limited	
Slickspots, Dry----	30	Not rated		Not rated	
CpA: Capa-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone Slope	0.39 0.08
Hb: Herdcamp-----	60	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Bullcreek-----	35	Very limited Restricted permeability Flooding	1.00 0.40	Somewhat limited Flooding	0.40
Hg: Hilmoe-----	95	Very limited Restricted permeability Flooding	1.00 0.40	Somewhat limited Flooding Seepage	0.40 0.32
Hm: Hilmoe-----	90	Very limited Restricted permeability Flooding	1.00 0.40	Somewhat limited Flooding Seepage	0.40 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
Hn: Hilmoe-----	50	Very limited Flooding Restricted permeability	1.00 1.00	Very limited Flooding Seepage	1.00 0.32
Inavale-----	40	Very limited Flooding Filtering capacity	1.00 1.00	Very limited Flooding Seepage	1.00 1.00
Ho: Hoven-----	95	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
In: Inavale-----	90	Very limited Filtering capacity Flooding	1.00 0.40	Very limited Seepage Flooding	1.00 0.40
KeA: Kirley-----	95	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.32
KeB: Kirley-----	95	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.32 0.32
KeC: Kirley-----	90	Very limited Restricted permeability	1.00	Very limited Slope Seepage	1.00 0.32
KeD: Kirley-----	90	Very limited Restricted permeability Slope	1.00 0.63	Very limited Slope Seepage	1.00 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
KmB: Kirley-----	60	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.32
				Slope	0.32
Mosher-----	30	Very limited Restricted permeability Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.71
			1.00		
KnB: Kirley-----	55	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.32
				Slope	0.32
Vivian-----	35	Somewhat limited Depth to bedrock	0.78	Very limited Seepage	1.00
				Depth to soft bedrock	0.42
				Slope	0.32
KnC: Kirley-----	50	Very limited Restricted permeability	1.00	Very limited Slope	1.00
				Seepage	0.32
Vivian-----	40	Somewhat limited Depth to bedrock	0.78	Very limited Seepage	1.00
				Slope	1.00
				Depth to soft bedrock	0.42
KnD: Kirley-----	55	Very limited Restricted permeability Slope	1.00	Very limited Slope	1.00
			0.63	Seepage	0.32
Vivian-----	30	Very limited Slope Depth to bedrock	1.00	Very limited Slope	1.00
			0.78	Seepage	1.00
				Depth to soft bedrock	0.42

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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
Ko: Kolls-----	95	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Ponding	1.00
Kp: Kolls-----	95	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
LaB: Lakoma-----	95	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 0.68
LaC: Lakoma-----	85	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
LaD: Lakoma-----	80	Very limited Restricted permeability Depth to bedrock Slope	1.00 1.00 0.63	Very limited Depth to soft bedrock Slope	1.00 1.00
LkC: Lakoma-----	65	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
Kirley-----	30	Very limited Restricted permeability	1.00	Somewhat limited Slope Seepage	0.68 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
LvE: Lakoma-----	55	Very limited Restricted permeability Depth to bedrock Slope	1.00 1.00 0.63	Very limited Depth to soft bedrock Slope	1.00 1.00
Vivian-----	25	Very limited Slope Depth to bedrock	1.00 0.78	Very limited Slope Seepage Depth to soft bedrock	1.00 1.00 0.42
MlA: Millboro-----	95	Very limited Restricted permeability	1.00	Not limited	
MlB: Millboro-----	95	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.68
MlC: Millboro-----	90	Very limited Restricted permeability	1.00	Very limited Slope	1.00
Mo: Mosher-----	90	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone	0.71
Mp: Mosher-----	65	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Somewhat limited Depth to saturated zone	0.71
Capa-----	25	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39

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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		
Nb: Nimbro-----	95	Somewhat limited	0.50	Somewhat limited	0.50		
		Restricted permeability Flooding		0.40		Flooding	0.40
Nc: Nimbro-----	95	Very limited	1.00	Very limited	1.00		
		Flooding		0.94		Flooding	0.50
		Depth to saturated zone Restricted permeability		0.50		Depth to saturated zone	0.39
OaF: Okaton-----	90	Very limited	1.00	Very limited	1.00		
		Depth to bedrock		1.00		Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00		
ObE: Okaton-----	50	Very limited	1.00	Very limited	1.00		
		Depth to bedrock		1.00		Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00		
Lakoma-----	40	Very limited	1.00	Very limited	1.00		
		Restricted permeability		1.00		Depth to soft bedrock	1.00
		Depth to bedrock		1.00		Slope	1.00
		Slope	1.00				
OkE: Okaton-----	45	Very limited	1.00	Very limited	1.00		
		Depth to bedrock		1.00		Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00		
Bullcreek-----	20	Very limited	1.00	Somewhat limited	0.08		
		Restricted permeability		Slope			

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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
Wendte-----	20	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 0.94	Very limited Flooding Depth to saturated zone	1.00 0.39
OlB: Opal-----	95	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 0.68
OlC: Opal-----	95	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
Old: Opal-----	85	Very limited Restricted permeability Depth to bedrock Slope	1.00 1.00 0.37	Very limited Depth to soft bedrock Slope	1.00 1.00
OpA: Opal-----	95	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock	1.00
OpB: Opal-----	95	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 0.68
OpC: Opal-----	95	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	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
OpD: Opal-----	85	Very limited Restricted permeability Depth to bedrock Slope	1.00 1.00 0.37	Very limited Depth to soft bedrock Slope	1.00 1.00
Ot: Orthents, Gravelly--	95	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
PrA: Promise-----	90	Very limited Restricted permeability	1.00	Not limited	
PrB: Promise-----	90	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.68
PrC: Promise-----	90	Very limited Restricted permeability	1.00	Very limited Slope	1.00
PsA: Promise-----	50	Very limited Restricted permeability	1.00	Not limited	
Bullcreek-----	35	Very limited Restricted permeability	1.00	Not limited	
PtA: Promise-----	45	Very limited Restricted permeability	1.00	Not limited	
Bullcreek-----	35	Very limited Restricted permeability	1.00	Not limited	

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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
Kolls-----	15	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Ponding	1.00
Pu: Promise-----	60	Very limited Restricted permeability	1.00	Not limited	
Capa-----	30	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
ReA: Ree-----	95	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
ReB: Ree-----	90	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
ReC: Ree-----	90	Somewhat limited Restricted permeability	0.50	Very limited Slope Seepage	1.00 0.50
SaE: Sansarc-----	90	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
SoE: Sansarc-----	55	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope	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
Opal-----	35	Very limited Restricted permeability Depth to bedrock Slope	1.00 1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
SrE: Sansarc-----	55	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
Rock Outcrop, Soft--	35	Not rated		Not rated	
SvE: Sansarc-----	60	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
Vivian-----	30	Very limited Slope Depth to bedrock	1.00 0.78	Very limited Slope Seepage Depth to soft bedrock	1.00 1.00 0.42
W: Water-----	100	Not rated		Not rated	
Wc: Wendte-----	90	Very limited Restricted permeability Depth to saturated zone Flooding	1.00 0.94 0.40	Somewhat limited Flooding Depth to saturated zone	0.40 0.39
Wd: Wendte-----	90	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 0.94	Very limited Flooding Depth to saturated zone	1.00 0.39

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Wt: Witten-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39

