

Section II
Soil and Site Information

Sanitary Facilities Table 1
Mellette 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
AlC: Altvan-----	85	Very limited Filtering capacity Depth to permafrost Depth to bedrock	1.00 1.00 1.00	Very limited Seepage Slope Depth to permafrost	1.00 1.00 1.00
Ba: Badland-----	50	Not rated		Not rated	
Imlay-----	30	Very limited Depth to bedrock Depth to permafrost Depth to cemented pan Slope	1.00 1.00 1.00 0.04	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Bg: Inavale-----	40	Very limited Flooding Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Flooding Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 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
Munjor-----	40	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Bk: Badland-----	75	Not rated		Not rated	
Bp: Blackpipe-----	65	Very limited Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00
Br: Bigbend-----	90	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 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
Bs: Wendte-----	90	Very limited Flooding Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Flooding Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00 1.00
Bt: Hilmoe-----	95	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.32
Bu: Wendte-----	90	Very limited Flooding Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Flooding Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Bv: Swanboy-----	95	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 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
Bw: Wendte-----	90	Very limited Flooding Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Flooding Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Bx: Hilmoe-----	70	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.32
Minatare-----	20	Very limited Depth to saturated zone Filtering capacity Restricted permeability Depth to permafrost Depth to bedrock	1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00
CaB: Kirley-----	90	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 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
CaC: Kirley-----	90	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Slope Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Ce: Cedar Butte-----	70	Very limited Restricted permeability Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
ClE: Conata-----	60	Very limited Depth to bedrock Slope Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 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
Larvie-----	35	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.63	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00 1.00
DsC: Dunday-----	72	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Seepage Slope Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00 1.00
DtB: Anselmo-----	40	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 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
Dunday-----	40	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
DuD: Dunday-----	45	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.16	Very limited Slope Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00 1.00
Valentine-----	40	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.63	Very limited Slope Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 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
DvA: Duroc-----	46	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.50
Kadoka-----	40	Very limited Depth to bedrock Depth to permafrost Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.50
DvB: Duroc-----	40	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.50
Kadoka-----	40	Very limited Depth to bedrock Depth to permafrost Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Seepage	1.00 1.00 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
EhD: Epping-----	50	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
Huggins-----	30	Slope	0.16	Depth to hard bedrock	1.00
		Very limited		Slope	1.00
		Depth to bedrock	1.00	Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to soft bedrock	1.00
EhE: Epping-----	55	Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	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
Huggins-----	25	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
		Slope	0.37	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
Ge: Munjor-----	85	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
Gp: Orthents, Gravelly--	100	Very limited Slope	1.00	Very limited Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
				Depth to cemented pan	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
Ha: Hilmoe-----	85	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.32
Hc: Interior-----	95	Very limited Flooding Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 1.00 0.68	Very limited Flooding Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Hd: Hilmoe-----	90	Very limited Flooding Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Flooding Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
He: Hilmoe-----	95	Very limited Flooding Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Flooding Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 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
H1D: Hisle-----	44	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
				Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Orella-----	44	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
				Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
HnB: Huggins-----	90	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
				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
HnC: Huggins-----	80	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
				Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
HpD: Huggins-----	60	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
		Slope	0.16	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
Epping-----	30	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
		Slope	0.16	Depth to hard bedrock	1.00
				Depth to cemented pan	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
HuA: Huggins-----	60	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
Kadoka-----	30	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Restricted permeability	0.50	Depth to cemented pan	1.00
				Seepage	0.50
HuB: Huggins-----	65	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
				Slope	0.32
Kadoka-----	25	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Restricted permeability	0.50	Depth to cemented pan	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
HwB: Huggins-----	40	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
				Slope	0.32
Wortman-----	40	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
				Slope	0.32
Ib: Imlay-----	50	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Badland-----	25	Not rated		Not rated	

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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
IcD: Conata-----	40	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
		Slope	0.37	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Imlay-----	40	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
		Slope	0.37	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
IcE: Conata-----	35	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Imlay-----	35	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	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
InE: Imlay-----	55	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Norrest-----	35	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Ka: Kadoka-----	60	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Restricted permeability	0.50	Depth to cemented pan	1.00
				Seepage	0.50
Kube-----	20	Very limited Depth to permafrost	1.00	Very limited Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	0.78	Depth to cemented pan	1.00
		Restricted permeability	0.50	Seepage	0.50
				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
KeD: Keota-----	50	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
		Slope	0.63	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Epping-----	40	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
		Slope	0.63	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Kh: Hoven-----	50	Very limited Restricted permeability	1.00	Very limited Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to hard bedrock	1.00
		Depth to permafrost	1.00	Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Ponding	1.00
		Ponding	1.00	Depth to cemented pan	1.00
Kolls-----	50	Very limited Restricted permeability	1.00	Very limited Depth to permafrost	1.00
		Depth to saturated zone	1.00	Depth to hard bedrock	1.00
		Depth to permafrost	1.00	Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Ponding	1.00
		Ponding	1.00	Depth to cemented pan	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	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ky: Kyle-----	90	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.32
LaD: Lakoma-----	60	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.63	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Murdo-----	25	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.63	Very limited Slope Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00
LdD: Lakoma-----	60	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.16	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 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
Okaton-----	25	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
		Slope	0.63	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
LdE: Lakoma-----	50	Very limited Restricted permeability	1.00	Very limited Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	1.00	Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
Okaton-----	35	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
LeC: Larvie-----	72	Very limited Restricted permeability	1.00	Very limited Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	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
LfC: Larvie-----	60	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.37	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00 1.00
Conata-----	25	Very limited Depth to bedrock Depth to permafrost Depth to cemented pan Slope	1.00 1.00 1.00 0.37	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
LhC: Larvie-----	43	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.68
Hisle-----	42	Very limited Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.68

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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
LmB: Larvie-----	50	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.32
Metre-----	20	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.32
LoA: Lowry-----	85	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 1.00 0.50
LoB: Lowry-----	90	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 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
Ls: Lowry-----	70	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.50
Slickspots, Dry-----	20	Not rated		Not rated	
MaD: Manter-----	50	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Slope	1.00 1.00 1.00 0.63	Very limited Slope Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00
Anselmo-----	30	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Slope	1.00 1.00 1.00 0.63	Very limited Slope Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 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
McE: Manter-----	60	Very limited Slope Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Slope Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00 1.00 1.00
Sansarc-----	20	Very limited Depth to bedrock Slope Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
MfC: Manter-----	50	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00	Very limited Seepage Slope Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00 1.00
Tuthill-----	20	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 1.00 0.50	Very limited Seepage Slope Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 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
MLB: Millboro-----	60	Very limited		Very limited	
		Restricted permeability	1.00	Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
				Slope	0.32
Reliance-----	30	Very limited		Very limited	
		Restricted permeability	1.00	Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
				Seepage	0.32
MLC: Millboro-----	60	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
Reliance-----	30	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
				Depth to cemented pan	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
Mm: Minatare-----	75	Very limited Depth to saturated zone Filtering capacity Restricted permeability Depth to permafrost Depth to bedrock	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Mn: Bigbend-----	90	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.50
Mo: Mosher-----	80	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 0.71

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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
MrC: Murdo-----	70	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
MsD: Murdo-----	50	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to bedrock	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Depth to soft bedrock	1.00
Lakoma-----	30	Very limited Restricted permeability	1.00	Very limited Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Slope	0.37	Depth to cemented pan	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
MuD: Murdo-----	60	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Depth to permafrost	1.00	Seepage	1.00
		Depth to bedrock	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Slope	0.63	Depth to soft bedrock	1.00
Schamber-----	30	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Depth to permafrost	1.00	Seepage	1.00
		Depth to bedrock	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Slope	0.63	Depth to soft bedrock	1.00
N1C: Norrest-----	72	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
				Depth to hard bedrock	1.00
		Depth to cemented pan	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
Nm: Norrest-----	65	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
				Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Badland-----	20	Not rated		Not rated	
NoA: Norrest-----	60	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Blackpipe-----	25	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	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
NoB: Norrest-----	65	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
Blackpipe-----	15	Depth to cemented pan		Depth to cemented pan	1.00
		Very limited		Slope	0.32
		Depth to bedrock	1.00	Very limited	
		Depth to permafrost	1.00	Depth to soft bedrock	1.00
NrC: Norrest-----	55	Depth to cemented pan	1.00	Depth to permafrost	1.00
		Very limited		Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Depth to cemented pan	1.00
		Depth to permafrost	1.00	Slope	0.92
Cedar Butte-----	30	Very limited		Very limited	
		Restricted permeability	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	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
NsC: Norrest-----	60	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
Imlay-----	30	Depth to cemented pan	1.00	Depth to permafrost	1.00
		Very limited		Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Depth to cemented pan	1.00
NsD: Norrest-----	60	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
		Slope	0.63	Depth to hard bedrock	1.00
				Depth to cemented pan	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
Imlay-----	30	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
		Slope	0.63	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
NtB: Norrest-----	45	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
				Slope	0.32
Okreek-----	45	Very limited Restricted permeability	1.00	Very limited Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
				Slope	0.32
OcC: Opal-----	90	Very limited Restricted permeability	1.00	Very limited Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	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
OgC: Opal-----	90	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
OlB: Opal-----	60	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.32
Kirley-----	30	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.32
OlC: Opal-----	65	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 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
Kirley-----	25	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Slope Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
OmB: Opal-----	62	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.32
Mosher-----	30	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00 0.71
OpB: Opal-----	60	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.32

Section II
Soil and Site Information

Sanitary Facilities Table 1
Mellette 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
Promise-----	30	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.32
OtB: Opal-----	60	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.32
Tuthill-----	30	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 1.00 0.50	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
OtD: Opal-----	60	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.16	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00

Section II
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Sanitary Facilities Table 1
Mellette 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
Tuthill-----	30	Very limited Filtering capacity Depth to permafrost Depth to bedrock	1.00 1.00 1.00	Very limited Seepage Slope Depth to permafrost	1.00 1.00 1.00
		Depth to cemented pan Restricted permeability	1.00 0.50	Depth to hard bedrock Depth to soft bedrock	1.00 1.00
OwC: Opal-----	70	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.92
Woody-----	15	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00

Section II
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Sanitary Facilities Table 1
Mellette County, South Dakota

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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
Ox: Orella-----	45	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Slope	1.00
		Depth to cemented pan	1.00	Depth to permafrost	1.00
				Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
Rock Outcrop, Soft--	30	Not rated		Not rated	
PcA: Promise-----	90	Very limited Restricted permeability	1.00	Very limited Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
PcB: Promise-----	90	Very limited Restricted permeability	1.00	Very limited Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
				Slope	0.32

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Soil and Site Information

Sanitary Facilities Table 1
Mellette 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
Pd: Wendte-----	85	Very limited Restricted permeability Depth to permafrost Depth to bedrock	1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00 0.39
PgA: Opal-----	45	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00
Promise-----	45	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00
PgB: Opal-----	45	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.32

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Sanitary Facilities Table 1
Mellette 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
Promise-----	45	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.32
PmA: Promise-----	70	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00
Mosher-----	20	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00 0.71
Ps: Wendte-----	65	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00 0.39

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Sanitary Facilities Table 1
Mellette 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
Slickspots, Dry-----	25	Not rated		Not rated	
ReB: Ree-----	90	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.50
RkA: Ree-----	43	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.50
Keya-----	42	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.50

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Sanitary Facilities Table 1
Mellette 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
RkB: Keya-----	45	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.50
Ree-----	45	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.50
SaE: Samsil-----	90	Very limited Depth to bedrock Slope Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
SlD: Okaton-----	50	Very limited Depth to bedrock Depth to permafrost Depth to cemented pan Slope	1.00 1.00 1.00 0.63	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00

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Sanitary Facilities Table 1
Mellette 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
Lakoma-----	40	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan Slope	1.00 1.00 1.00 1.00 1.00 0.63	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
SlE: Okaton-----	60	Very limited Depth to bedrock Slope Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Lakoma-----	25	Very limited Restricted permeability Depth to bedrock Slope Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
SmE: Sansarc-----	50	Very limited Depth to bedrock Slope Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00

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Sanitary Facilities Table 1
Mellette 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
Manter-----	30	Very limited Slope Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Slope Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00 1.00
SnE: Sansarc-----	70	Very limited Depth to bedrock Slope Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Schamber-----	20	Very limited Slope Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Slope Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00 1.00
Ss: Sansarc-----	70	Very limited Depth to bedrock Slope Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00

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Sanitary Facilities Table 1
Mellette 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
Rock Outcrop, Soft--	20	Not rated		Not rated	
St: Valentine-----	45	Very limited Filtering capacity Slope Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Slope Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00 1.00
Whitelake-----	30	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan Depth to saturated zone	1.00 1.00 1.00 1.00 1.00	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
SuA: Reliance-----	80	Very limited Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan Seepage	1.00 1.00 1.00 1.00 0.32

Section II
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Sanitary Facilities Table 1
Melleette 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
SuB: Reliance-----	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
				Seepage	0.32
SuC: Reliance-----	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00
SvE: Schamber-----	60	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
Murdo-----	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00

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Sanitary Facilities Table 1
Mellette 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
SwE: Schamber-----	50	Very limited Slope Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Slope Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00 1.00
Sansarc-----	40	Very limited Depth to bedrock Slope Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to permafrost Depth to hard bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Sy: Stirk-----	95	Very limited Flooding Restricted permeability Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Flooding Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
ThB: Tuthill-----	90	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 1.00 0.50	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00

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Sanitary Facilities Table 1
Mellette 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
ToC: Tuthill-----	60	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
		Restricted permeability	0.50	Depth to cemented pan	1.00
Opal-----	20	Very limited		Very limited	
		Restricted permeability	1.00	Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Depth to permafrost	1.00
		Depth to permafrost	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
				Slope	0.92
TuB: Tuthill-----	45	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
		Restricted permeability	0.50	Depth to cemented pan	1.00

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Sanitary Facilities Table 1
Mellette County, South Dakota

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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
Whitelake-----	45	Very limited Restricted permeability	1.00	Very limited Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00
TwA: Tuthill-----	60	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
		Restricted permeability	0.50	Depth to cemented pan	1.00
Woody-----	30	Very limited Depth to permafrost	1.00	Very limited Seepage	1.00
		Depth to bedrock	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Restricted permeability	0.50	Depth to soft bedrock	1.00
				Depth to cemented pan	1.00

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Sanitary Facilities Table 1
Mellette 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
TwB: Tuthill-----	60	Very limited Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 1.00 1.00 0.50	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00 1.00
Woody-----	25	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
VaE: Valentine-----	80	Very limited Slope Filtering capacity Depth to permafrost Depth to bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00	Very limited Slope Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock	1.00 1.00 1.00 1.00 1.00
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated	

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Sanitary Facilities Table 1
Mellette County, South Dakota

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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
Wa: Wanblee-----	50	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
				Slope	0.08
Whitelake-----	30	Very limited Restricted permeability	1.00	Very limited Seepage	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to cemented pan	1.00	Depth to soft bedrock	1.00
		Depth to saturated zone	1.00	Depth to cemented pan	1.00
WbB: Wanblee-----	50	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
				Slope	0.08
Wortman-----	30	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
				Slope	0.08

Section II
Soil and Site Information

Sanitary Facilities Table 1
Mellette 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
Wd: Woody-----	80	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
WoB: Woody-----	65	Very limited Depth to permafrost Depth to bedrock Depth to cemented pan Restricted permeability	1.00 1.00 1.00 0.50	Very limited Seepage Depth to permafrost Depth to hard bedrock Depth to soft bedrock Depth to cemented pan	1.00 1.00 1.00 1.00 1.00
Opal-----	20	Very limited Restricted permeability Depth to bedrock Depth to permafrost Depth to cemented pan	1.00 1.00 1.00 1.00	Very limited Depth to soft bedrock Depth to permafrost Depth to hard bedrock Depth to cemented pan Slope	1.00 1.00 1.00 1.00 0.32

Section II
Soil and Site Information

Sanitary Facilities Table 1
Mellette 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
Ww: Wortman-----	37	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
Wanblee-----	36	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Depth to permafrost	1.00	Depth to permafrost	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
				Depth to cemented pan	1.00
				Slope	0.08

