

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Aa: Aastad-----	85	Fair Low content of organic matter Too clayey Carbonate content Water erosion	0.12 0.95 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.95
An: Aberdeen-----	50	Poor Too clayey Sodium content Water erosion	0.00 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.61	Poor Too Clayey Sodium content	0.00 0.98
Nahon-----	35	Poor Too clayey Low content of organic matter Salinity Sodium content Water erosion	0.00 0.12 0.88 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.39	Poor Too Clayey Sodium content	0.00 0.98
Aq: Aquents, Saline----	95	Fair Salinity Water erosion	0.50 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Salinity	0.00 0.00
ArB: Arvilla-----	85	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.34	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.50
Ba: Bearden-----	90	Fair Carbonate content Low content of organic matter Water erosion	0.46 0.50 0.90	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Carbonate content Depth to saturated zone	0.46 0.91

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BaB: Bearden-----	50	Fair Carbonate content Low content of organic matter Water erosion	0.46 0.50 0.90	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Carbonate content Depth to saturated zone	0.46 0.91
Huffton-----	40	Fair Low content of organic matter Carbonate content Salinity Water erosion Sodium content	0.12 0.46 0.88 0.90 0.90	Poor Low strength	0.00	Poor Salinity Carbonate content Sodium content	0.00 0.46 0.90
BbA: Beotia-----	90	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Good	
Bc: Beotia-----	50	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Good	
Rondell-----	35	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.32 0.90	Poor Low strength	0.00	Fair Carbonate content	0.32
BnD: Buse-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Poor Slope	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Barnes-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell	0.78 0.87	Fair Slope Carbonate content	0.37 0.92
BoE: Buse-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
Barnes-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell Slope	0.78 0.87 0.92	Poor Slope Carbonate content	0.00 0.92
BpE: Buse-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell Slope	0.22 0.87 0.92	Poor Slope	0.00
Barnes-----	35	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell Slope	0.78 0.87 0.92	Poor Slope Carbonate content	0.00 0.92
Parnell-----	20	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.21	Poor Depth to saturated zone Too Clayey	0.00 0.00

Section II
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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BrE: Buse-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
Langhei-----	40	Fair Low content of organic matter Carbonate content Too clayey	0.12 0.46 0.95	Poor Slope Low strength	0.00 0.00	Poor Slope Too Clayey Carbonate content	0.00 0.55 0.80
BsE: Buse-----	35	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
La Prairie-----	30	Fair Carbonate content	0.92	Poor Low strength Shrink-swell	0.00 0.93	Good	
Barnes-----	25	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Fair Low strength Shrink-swell Slope	0.78 0.87 0.92	Poor Slope Carbonate content	0.00 0.92
BxE: Buse-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
Sioux-----	30	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.13	Poor Slope	0.00	Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.00 0.00

Section II
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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ca: Cavour-----	50	Poor Sodium content Low content of organic matter Too clayey Salinity Carbonate content Water erosion	0.00 0.12 0.12 0.50 0.99 0.99	Poor Low strength Shrink-swell	0.00 0.56	Poor Sodium content Salinity Too Clayey Carbonate content	0.00 0.00 0.08 0.99
Ferney-----	35	Poor Sodium content Too clayey Low content of organic matter Salinity Carbonate content	0.00 0.00 0.50 0.88 0.92	Poor Low strength Shrink-swell	0.00 0.12	Poor Sodium content Too Clayey Salinity Carbonate content	0.00 0.00 0.00 0.92
Cn: Colvin-----	80	Fair Carbonate content	0.46	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Carbonate content	0.00 0.46
Cr: Cresbard-----	50	Poor Too clayey Low content of organic matter Sodium content Water erosion	0.00 0.12 0.90 0.99	Poor Low strength Shrink-swell	0.00 0.62	Poor Too Clayey Sodium content	0.00 0.22
Cavour-----	40	Poor Sodium content Low content of organic matter Too clayey Salinity Carbonate content Water erosion	0.00 0.12 0.12 0.50 0.99 0.99	Poor Low strength Shrink-swell	0.00 0.56	Poor Sodium content Salinity Too Clayey Carbonate content	0.00 0.00 0.08 0.99

Section II
Soil and Site Information

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Cu: Cubden-----	85	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.92	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Depth to saturated zone	0.91
Cw: Cubden-----	55	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.92	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Depth to saturated zone	0.91
Badger-----	35	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.14 0.59	Poor Too Clayey Depth to saturated zone	0.00 0.14
Cx: Cubden-----	45	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.92	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.87 0.91	Fair Depth to saturated zone	0.91
Tonka-----	35	Poor Too clayey Water erosion	0.00 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.62	Poor Depth to saturated zone Too Clayey	0.00 0.00
Dd: Divide-----	80	Fair Low content of organic matter Carbonate content	0.12 0.32	Fair Depth to saturated zone	0.91	Fair Hard to reclaim Carbonate content Depth to saturated zone Rock fragments	0.18 0.32 0.91 0.97

Section II
Soil and Site Information

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Do: Dovray-----	85	Poor Too clayey	0.00	Poor Depth to saturated zone	0.00	Poor Too Clayey	0.00
		Low content of organic matter	0.50	Low strength	0.00	Depth to saturated zone	0.00
		Water erosion	0.99	Shrink-swell	0.12		
EaA: Eckman-----	90	Fair Low content of organic matter	0.12	Good		Good	
		Water erosion	0.90				
EbB: Eckman-----	55	Fair Low content of organic matter	0.12	Good		Good	
		Water erosion	0.90				
Gardena-----	35	Fair Water erosion	0.90	Good		Good	
EcB: Eckman-----	65	Fair Low content of organic matter	0.12	Good		Good	
		Water erosion	0.90				
Zell-----	25	Fair Low content of organic matter	0.12	Good		Good	
		Water erosion	0.90				
		Carbonate content	0.97				
EdC: Edgeley-----	85	Fair Depth to bedrock	0.58	Poor Depth to bedrock	0.00	Fair Depth to bedrock	0.58
		Droughty	0.83	Low strength	0.00	Rock fragments	0.97
		Water erosion	0.99	Shrink-swell	0.89		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EgB: Egeland-----	60	Fair Low content of organic matter	0.12	Good		Good	
Embden-----	30	Good		Good		Good	
En: Exline-----	40	Poor Too clayey Sodium content Salinity Water erosion	0.00 0.00 0.88 0.90	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.45 0.91	Poor Too Clayey Sodium content Salinity Depth to saturated zone	0.00 0.00 0.00 0.91
Aberdeen-----	25	Poor Too clayey Sodium content Water erosion	0.00 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.61	Poor Too Clayey Sodium content	0.00 0.98
Nahon-----	20	Poor Too clayey Low content of organic matter Salinity Sodium content Water erosion	0.00 0.12 0.88 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.39	Poor Too Clayey Sodium content	0.00 0.98
Ep: Exline-----	45	Poor Too clayey Sodium content Salinity Water erosion	0.00 0.00 0.88 0.90	Poor Low strength Shrink-swell	0.00 0.45	Poor Too Clayey Sodium content Salinity	0.00 0.00 0.00
Putney-----	40	Fair Salinity Carbonate content Water erosion	0.50 0.68 0.90	Poor Low strength	0.00	Poor Salinity Carbonate content	0.00 0.92

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Fd: Fordville-----	85	Fair Low content of organic matter	0.12	Good		Fair Hard to reclaim	0.18
FmA: Forman-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Aastad-----	40	Fair Low content of organic matter Too clayey Carbonate content Water erosion	0.12 0.95 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.95
FmB: Forman-----	55	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Aastad-----	35	Fair Low content of organic matter Too clayey Carbonate content Water erosion	0.12 0.95 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.95
FnB: Forman-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97

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Aastad-----	30	Fair Low content of organic matter Too clayey Carbonate content Water erosion	0.12 0.95 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.95
Parnell-----	20	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.21	Poor Depth to saturated zone Too Clayey	0.00 0.00
FoB: Forman-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Buse-----	30	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
Aastad-----	20	Fair Low content of organic matter Too clayey Carbonate content Water erosion	0.12 0.95 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.95
FoC: Forman-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97

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Buse-----	30	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
Aastad-----	20	Fair Low content of organic matter Too clayey Carbonate content Water erosion	0.12 0.95 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Too Clayey	0.95
FpB: Forman-----	45	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
Buse-----	30	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
Parnell-----	20	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.21	Poor Depth to saturated zone Too Clayey	0.00 0.00
FpC: Forman-----	45	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97

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Buse-----	30	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
Parnell-----	20	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.21	Poor Depth to saturated zone Too Clayey	0.00 0.00
Gb: Great Bend-----	90	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.97	Poor Low strength	0.00	Fair Carbonate content	0.97
Gp: Great Bend-----	50	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.97	Poor Low strength	0.00	Fair Carbonate content	0.97
Putney-----	35	Fair Salinity Carbonate content Water erosion	0.50 0.68 0.90	Poor Low strength	0.00	Poor Salinity Carbonate content	0.00 0.92
GzC: Great Bend-----	35	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.97	Poor Low strength	0.00	Fair Carbonate content	0.97
Zell-----	30	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.97	Good		Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Huffton-----	20	Fair Low content of organic matter Carbonate content Salinity Water erosion Sodium content	0.12 0.46 0.88 0.90 0.90	Poor Low strength	0.00	Poor Salinity Carbonate content Sodium content	0.00 0.46 0.90
HaA: Hamerly-----	80	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.80 0.99	Fair Low strength Shrink-swell Depth to saturated zone	0.22 0.87 0.91	Fair Carbonate content Depth to saturated zone	0.80 0.91
HaB: Hamerly-----	80	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.80 0.99	Fair Low strength Shrink-swell Depth to saturated zone	0.22 0.87 0.91	Fair Carbonate content Depth to saturated zone	0.80 0.91
Hb: Hamerly-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.80 0.99	Fair Low strength Shrink-swell Depth to saturated zone	0.22 0.87 0.91	Fair Carbonate content Depth to saturated zone	0.80 0.91
Parnell-----	40	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.21	Poor Depth to saturated zone Too Clayey	0.00 0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Hd: Harmony-----	50	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Low strength Shrink-swell	0.00 0.66	Poor Too Clayey	0.00
Aberdeen-----	35	Poor Too clayey Sodium content Water erosion	0.00 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.61	Poor Too Clayey Sodium content	0.00 0.98
Hm: Harmony-----	55	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Low strength Shrink-swell	0.00 0.66	Poor Too Clayey	0.00
Beotia-----	35	Fair Low content of organic matter Water erosion Carbonate content	0.12 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Good	
Hr: Harriet-----	85	Poor Sodium content Carbonate content Salinity Low content of organic matter Water erosion	0.00 0.46 0.88 0.88 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.80	Poor Depth to saturated zone Sodium content Salinity Carbonate content	0.00 0.00 0.00 0.46
HtA: Hetland-----	85	Poor Too clayey Low content of organic matter Carbonate content Water erosion	0.00 0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HuB: Hetland-----	50	Poor Too clayey Low content of organic matter Carbonate content Water erosion	0.00 0.50 0.97 0.99	Poor Low strength Shrink-swell	0.00 0.12	Poor Too Clayey	0.00
Rusklyn-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.80 0.90	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.80
KbE: Kloten-----	50	Poor Droughty Depth to bedrock	0.00 0.00	Poor Depth to bedrock Slope Low strength Shrink-swell	0.00 0.00 0.22 0.93	Poor Depth to bedrock Slope	0.00 0.00
Buse-----	35	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Poor Slope Low strength Shrink-swell	0.00 0.22 0.87	Poor Slope	0.00
KrB: Kranzburg-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Brookings-----	30	Fair Low content of organic matter Too clayey Water erosion	0.50 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.90	Fair Too Clayey	0.98

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Buse-----	20	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.46 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	
Ks: Kranzburg-----	60	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Brookings-----	25	Fair Low content of organic matter Too clayey Water erosion	0.50 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.90	Fair Too Clayey	0.98
KtB: Kranzburg-----	50	Fair Low content of organic matter Carbonate content Water erosion	0.50 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
Forman-----	40	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.97 0.99	Fair Low strength Shrink-swell	0.22 0.87	Fair Carbonate content	0.97
La: La Prairie-----	90	Fair Carbonate content	0.92	Poor Low strength Shrink-swell	0.00 0.93	Good	
Lh: La Prairie-----	50	Fair Carbonate content	0.92	Poor Low strength Shrink-swell	0.00 0.93	Good	

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Holmquist-----	40	Fair Low content of organic matter Sodium content	0.12 0.60	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.78 0.87	Poor Depth to saturated zone Salinity Sodium content	0.00 0.50 0.60
Lm: Lamoure-----	85	Fair Too clayey	0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.90	Poor Depth to saturated zone Too Clayey	0.00 0.99
Lo: Lowe-----	85	Fair Carbonate content	0.68	Poor Depth to saturated zone Shrink-swell	0.00 0.87	Poor Depth to saturated zone Carbonate content	0.00 0.68
Lu: Ludden-----	80	Poor Too clayey Low content of organic matter	0.00 0.12	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone	0.00 0.00
Lw: Ludden-----	90	Poor Too clayey Low content of organic matter	0.00 0.12	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone	0.00 0.00
Lx: Ludden-----	50	Poor Too clayey Low content of organic matter	0.00 0.12	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone	0.00 0.00

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ludden-----	40	Poor Too clayey Low content of organic matter Salinity Droughty	0.00 0.12 0.50 0.62	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Salinity Depth to saturated zone	0.00 0.00 0.00
MaA: Maddock-----	50	Poor Too sandy Low content of organic matter	0.00 0.88	Good		Poor Too sandy	0.00
Egeland-----	40	Fair Low content of organic matter	0.12	Good		Good	
MaB: Maddock-----	50	Poor Too sandy Low content of organic matter	0.00 0.88	Good		Poor Too sandy	0.00
Egeland-----	40	Fair Low content of organic matter	0.12	Good		Good	
MaC: Maddock-----	55	Poor Too sandy Low content of organic matter	0.00 0.88	Good		Poor Too sandy Slope	0.00 0.96
Egeland-----	35	Fair Low content of organic matter	0.12	Good		Good	
Md: Marysland-----	50	Fair Low content of organic matter Carbonate content	0.12 0.68	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Carbonate content Hard to reclaim	0.00 0.68 0.92

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Divide-----	40	Fair Low content of organic matter Carbonate content	0.12 0.32	Fair Depth to saturated zone	0.91	Fair Hard to reclaim Carbonate content Depth to saturated zone Rock fragments	0.18 0.32 0.91 0.97
MfB: Mauvais-----	85	Good		Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.76 0.87	Fair Depth to saturated zone Salinity	0.76 0.88
MgB: Mauvais-----	80	Good		Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.76 0.87	Fair Depth to saturated zone Salinity	0.76 0.88
MnA: Minnewasta-----	80	Fair Low content of organic matter Sodium content Water erosion	0.12 0.90 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.32 0.93	Fair Depth to saturated zone Salinity Sodium content	0.32 0.88 0.90
MoB: Minnewasta-----	80	Fair Low content of organic matter Sodium content Water erosion	0.12 0.90 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.32 0.93	Fair Depth to saturated zone Salinity Sodium content	0.32 0.88 0.90

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Mw: Minnewaukan-----	90	Poor Wind erosion	0.00	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
		Too sandy	0.16			Too sandy	0.16
		Low content of organic matter	0.50			Rock fragments	0.88
		Droughty	0.71				
Na: Nahon-----	45	Poor Too clayey	0.00	Poor Low strength	0.00	Poor Too Clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.39	Sodium content	0.98
		Salinity	0.88				
		Sodium content	0.97				
		Water erosion	0.99				
Aberdeen-----	25	Poor Too clayey	0.00	Poor Low strength	0.00	Poor Too Clayey	0.00
		Sodium content	0.97	Shrink-swell	0.61	Sodium content	0.98
		Water erosion	0.99				
Exline-----	20	Poor Too clayey	0.00	Poor Low strength	0.00	Poor Too Clayey	0.00
		Sodium content	0.00	Shrink-swell	0.45	Sodium content	0.00
		Salinity	0.88	Depth to saturated zone	0.91	Salinity	0.00
		Water erosion	0.90			Depth to saturated zone	0.91
NsB: Nutley-----	60	Poor Too clayey	0.00	Poor Shrink-swell	0.00	Poor Too Clayey	0.00
		Carbonate content	0.99	Low strength	0.00	Carbonate content	0.99
Sinai-----	30	Poor Too clayey	0.00	Poor Low strength	0.00	Poor Too Clayey	0.00
		Water erosion	0.99	Shrink-swell	0.00		

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Oh: Oldham-----	90	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.28	Poor Too Clayey Depth to saturated zone	0.00 0.00
Or: Orthents, Gravelly--	90	Fair Low content of organic matter Too sandy Droughty	0.12 0.14 0.29	Poor Slope	0.00	Poor Rock fragments Slope Too sandy Hard to reclaim	0.00 0.00 0.14 0.18
Pa: Parnell-----	85	Poor Too clayey Low content of organic matter Water erosion	0.00 0.12 0.90	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.21	Poor Depth to saturated zone Too Clayey	0.00 0.00
Pc: Playmoor-----	90	Fair Low content of organic matter Salinity Sodium content	0.12 0.88 0.97	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Salinity	0.00 0.00
Pm: Playmoor-----	50	Fair Low content of organic matter Salinity Sodium content	0.12 0.88 0.97	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Salinity	0.00 0.00
Lamoure-----	40	Fair Too clayey	0.99	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.90	Poor Depth to saturated zone Too Clayey	0.00 0.99

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PrC: Poinsett-----	50	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Rusklyn-----	35	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.80 0.90	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.80
PsB: Poinsett-----	40	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Rusklyn-----	30	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.80 0.90	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.80
Waubay-----	15	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.97	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.97
PwA: Poinsett-----	50	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Waubay-----	40	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.97	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.97

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PwB: Poinsett-----	60	Fair Low content of organic matter Water erosion Carbonate content	0.88 0.90 0.92	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.92
Waubay-----	30	Fair Low content of organic matter Water erosion Carbonate content	0.50 0.90 0.97	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.97
Ra: Ranslo-----	50	Poor Too clayey Carbonate content Water erosion	0.00 0.46 0.99	Poor Low strength Shrink-swell Depth to saturated zone	0.00 0.12 0.53	Poor Too Clayey Depth to saturated zone	0.00 0.53
Harriet-----	40	Poor Sodium content Carbonate content Salinity Low content of organic matter Water erosion	0.00 0.46 0.88 0.88 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.80	Poor Depth to saturated zone Sodium content Salinity Carbonate content	0.00 0.00 0.00 0.46
Rb: Rauville-----	90	Fair Too clayey	0.98	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.94	Poor Depth to saturated zone Too Clayey	0.00 0.98
RfA: Renshaw-----	50	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.85	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.08

Section II
Soil and Site Information

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Fordville-----	35	Fair Low content of organic matter	0.12	Good		Fair Hard to reclaim	0.18
RfB: Renshaw-----	65	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.85	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.08
Fordville-----	25	Fair Low content of organic matter	0.12	Good		Fair Hard to reclaim	0.18
RsA: Renshaw-----	60	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.85	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.08
Sioux-----	30	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.13	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00
RsB: Renshaw-----	55	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.85	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.08
Sioux-----	35	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.13	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00

Section II
Soil and Site Information

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ru: Ryan-----	55	Poor Too clayey Salinity Water erosion	0.00 0.88 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone Salinity	0.00 0.00 0.00
Ludden-----	30	Poor Too clayey Low content of organic matter	0.00 0.12	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone	0.00 0.00
SaA: Sinai-----	60	Poor Too clayey Water erosion	0.00 0.99	Poor Low strength Shrink-swell	0.00 0.00	Poor Too Clayey	0.00
Nutley-----	30	Poor Too clayey Carbonate content	0.00 0.99	Poor Shrink-swell Low strength	0.00 0.00	Poor Too Clayey Carbonate content	0.00 0.99
SbB: Sioux-----	90	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.13	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00
SoB: Sioux-----	90	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.13	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00

Section II
Soil and Site Information

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Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SrD: Sioux-----	50	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.13	Good		Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.00 0.37
Renshaw-----	40	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.85	Good		Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.08 0.37
SrE: Sioux-----	60	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.13	Poor Slope	0.00	Poor Slope Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00 0.00
Renshaw-----	30	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.85	Fair Slope	0.50	Poor Slope Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00 0.08
SsE: Sioux-----	60	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.13	Poor Slope	0.00	Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.00 0.00
Renshaw-----	30	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.85	Fair Slope	0.92	Poor Too sandy Rock fragments Slope Hard to reclaim	0.00 0.00 0.00 0.08

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Sw: Southam-----	90	Poor Too clayey	0.00	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
		Carbonate content	0.92	Low strength	0.00	Too Clayey	0.00
		Water erosion	0.99	Shrink-swell	0.12	Salinity	0.88
To: Tonka-----	85	Poor Too clayey	0.00	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
		Water erosion	0.90	Low strength	0.00	Too Clayey	0.00
				Shrink-swell	0.62		
Va: Vallars-----	90	Fair Low content of organic matter	0.50	Poor Depth to saturated zone	0.00	Poor Salinity	0.00
		Carbonate content	0.80	Low strength	0.78	Depth to saturated zone	0.00
		Salinity	0.88			Carbonate content	0.80
		Water erosion	0.99				
Vh: Vallars-----	60	Fair Low content of organic matter	0.12	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone	0.00
		Carbonate content	0.46	Low strength	0.22	Carbonate content	0.95
		Water erosion	0.99				
Hamerly-----	30	Fair Low content of organic matter	0.12	Fair Low strength	0.22	Fair Carbonate content	0.80
		Carbonate content	0.80	Shrink-swell	0.87	Depth to saturated zone	0.91
		Water erosion	0.99	Depth to saturated zone	0.91		
VoA: Vienna-----	60	Fair Low content of organic matter	0.12	Poor Low strength	0.00	Fair Carbonate content	0.99
		Carbonate content	0.92	Shrink-swell	0.87		
		Water erosion	0.99				

Section II
Soil and Site Information

Construction Materials Table 2
Day County, South Dakota

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Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Brookings-----	30	Fair Low content of organic matter Too clayey Water erosion	0.50 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.90	Fair Too Clayey	0.98
VoB: Vienna-----	65	Fair Low content of organic matter Carbonate content Water erosion	0.12 0.92 0.99	Poor Low strength Shrink-swell	0.00 0.87	Fair Carbonate content	0.99
Brookings-----	25	Fair Low content of organic matter Too clayey Water erosion	0.50 0.98 0.99	Poor Low strength Shrink-swell	0.00 0.90	Fair Too Clayey	0.98
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated		Not rated	

