

Section II  
Soil and Site Information

Construction Materials Table 2  
Lincoln 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
AcA: Alcester-----	90	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
AcB: Alcester-----	90	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Af: Alcester-----	80	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Ah: Alcester-----	45	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Lamo-----	40	Fair Low content of organic matter Water erosion	0.88 0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.53 0.87	Fair Depth to saturated zone	0.53
Bo: Bon-----	35	Good		Fair Low strength	0.78	Good	
Bon-----	35	Good		Fair Low strength	0.78	Good	
Bp: Orthents, Loamy----	90	Fair Low content of organic matter Water erosion	0.12 0.99	Fair Low strength Shrink-swell	0.22 0.87	Good	

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Ca: Chancellor-----	65	Fair		Poor		Poor	
		Too clayey	0.50	Low strength	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Too Clayey	0.50
Tetonka-----	25	Fair		Poor		Poor	
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too clayey	0.98	Low strength	0.00	Too Clayey	0.98
Cd: Chancellor-----	55	Fair		Poor		Poor	
		Too clayey	0.50	Low strength	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Too Clayey	0.50
Viborg-----	35	Fair		Poor		Fair	
		Water erosion	0.99	Low strength	0.00	Too Clayey	0.99
		Too clayey	0.99	Shrink-swell	0.87		
Ch: Chancellor-----	35	Fair		Poor		Poor	
		Too clayey	0.50	Low strength	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Too Clayey	0.50
Wakonda-----	35	Fair		Poor		Fair	
		Low content of organic matter	0.50	Low strength	0.00	Carbonate content	0.80
		Carbonate content	0.80	Shrink-swell	0.87		
		Water erosion	0.90				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Tetonka-----	20	Fair Low content of organic matter Too clayey Water erosion	0.50 0.98 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.23	Poor Depth to saturated zone Too Clayey	0.00 0.98
Co: Clamo-----	90	Poor Too clayey Water erosion	0.00 0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Too Clayey Depth to saturated zone Salinity	0.00 0.00 0.88
CpD2: Crofton-----	45	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength	0.00	Fair Slope	0.16
Nora-----	35	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Fair Slope	0.16
Da: Davis-----	95	Good		Poor Low strength Shrink-swell	0.00 0.87	Good	
DeA: Delmont-----	85	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.64	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.32
DeB: Delmont-----	90	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.64	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.32

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DgB: Delmont-----	45	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.64	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.32
Graceville-----	35	Good		Poor Low strength Shrink-swell	0.00 0.97	Poor Hard to reclaim	0.00
DkB: Delmont-----	45	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.64	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.32
Talmo-----	45	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.30	Good		Poor Too sandy Rock fragments Hard to reclaim	0.00 0.00 0.00
DmA: Dempster-----	90	Fair Low content of organic matter	0.12	Good		Fair Hard to reclaim	0.02
DmB: Dempster-----	90	Fair Low content of organic matter	0.12	Good		Fair Hard to reclaim	0.02
EaB: Egan-----	80	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EcB: Egan-----	50	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Chancellor-----	30	Fair Too clayey  Low content of organic matter Water erosion	0.50 0.50 0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Depth to saturated zone Too Clayey	0.00 0.50
EsB: Egan-----	55	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Shindler-----	35	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
EsC: Egan-----	50	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Shindler-----	40	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Shrink-swell	0.00 0.87	Good	
EwB: Egan-----	50	Fair Low content of organic matter Water erosion	0.12 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Worthing-----	30	Poor Too clayey	0.00	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
Gp: Orthents, Gravelly--	90	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.29	Poor Slope	0.00	Poor Too sandy Rock fragments Slope Hard to reclaim	0.00 0.00 0.00 0.18
Gr: Graceville-----	90	Good		Poor Low strength Shrink-swell	0.00 0.97	Poor Hard to reclaim	0.00
HuA: Huntimer-----	95	Fair Too clayey Low content of organic matter Water erosion	0.12 0.50 0.99	Poor Low strength Shrink-swell	0.00 0.12	Fair Too Clayey	0.12
La: Lamo-----	90	Fair Low content of organic matter Water erosion	0.88 0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.53 0.87	Fair Depth to saturated zone	0.53
Lu: Luton-----	90	Poor Too clayey Low content of organic matter	0.00 0.50	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

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
M-W: Miscellaneous Water-	100	Not rated		Not rated		Not rated	
Mh: Baltic-----	85	Poor Too clayey	0.00	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.12	Poor Depth to saturated zone Too Clayey	0.00 0.00
MoA: Moody-----	90	Fair Water erosion	0.90	Poor Low strength Shrink-swell	0.00 0.97	Good	
MoB: Moody-----	85	Fair Water erosion	0.90	Poor Low strength Shrink-swell	0.00 0.97	Good	
MpB: Moody-----	60	Fair Water erosion	0.90	Poor Low strength Shrink-swell	0.00 0.97	Good	
Nora-----	30	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
MpC2: Moody-----	45	Fair Water erosion	0.90	Poor Low strength Shrink-swell	0.00 0.97	Good	
Nora-----	35	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Sa: Salmo-----	90	Fair Salinity	0.88	Poor Low strength	0.00	Poor Depth to saturated zone	0.00
		Carbonate content	0.97	Depth to saturated zone	0.00	Salinity	0.00
		Sodium content	0.97	Shrink-swell	0.87	Sodium content	0.98
		Too clayey	0.98			Too Clayey	0.98
ShD: Shindler-----	85	Fair Low content of organic matter	0.12	Poor Low strength	0.00	Fair Slope	0.37
		Water erosion	0.99	Shrink-swell	0.87		
ShF: Shindler-----	90	Fair Low content of organic matter	0.12	Poor Slope	0.00	Poor Slope	0.00
		Water erosion	0.99	Low strength	0.00		
				Shrink-swell	0.87		
SkD2: Shindler-----	55	Fair Low content of organic matter	0.12	Poor Low strength	0.00	Fair Slope	0.37
		Water erosion	0.99	Shrink-swell	0.87		
Egan-----	30	Fair Low content of organic matter	0.12	Poor Low strength	0.00	Fair Slope	0.37
		Water erosion	0.90	Shrink-swell	0.87		
SmF: Shindler-----	55	Fair Low content of organic matter	0.12	Poor Low strength	0.00	Poor Slope	0.00
		Water erosion	0.99	Slope	0.00		
				Shrink-swell	0.87		
Renner-----	35	Fair Too clayey	0.88	Poor Low strength	0.00	Poor Slope	0.00
				Slope	0.50	Too Clayey	0.80
				Shrink-swell	0.94		

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StD: Shindler-----	45	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Low strength Slope Shrink-swell	0.00 0.82 0.87	Poor Slope	0.00
Talmo-----	45	Poor Too sandy Low content of organic matter Droughty	0.00 0.12 0.30	Fair Slope	0.82	Poor Too sandy Rock fragments Hard to reclaim Slope	0.00 0.00 0.00 0.00
SuF: Steinauer-----	50	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Slope Low strength Shrink-swell	0.00 0.00 0.87	Poor Slope	0.00
Shindler-----	40	Fair Low content of organic matter Water erosion	0.12 0.99	Poor Slope Low strength Shrink-swell	0.00 0.00 0.87	Poor Slope	0.00
Te: Tetonka-----	90	Fair Low content of organic matter Too clayey Water erosion	0.50 0.98 0.99	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.23	Poor Depth to saturated zone Too Clayey	0.00 0.98
ThB: Thurman-----	95	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ThC: Thurman-----	95	Poor Too sandy Low content of organic matter	0.00 0.12	Good		Poor Too sandy	0.00
W: Water-----	100	Not rated		Not rated		Not rated	
WeA: Wentworth-----	80	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
WhA: Wentworth-----	55	Fair Low content of organic matter Water erosion	0.50 0.90	Poor Low strength Shrink-swell	0.00 0.87	Good	
Chancellor-----	25	Fair Too clayey  Low content of organic matter Water erosion	0.50 0.50 0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.12	Poor Depth to saturated zone Too Clayey	0.00 0.50
Wk: Whitewood-----	80	Fair Water erosion	0.90	Poor Low strength Depth to saturated zone Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone	0.00
Ws: Worthing-----	90	Poor Too clayey	0.00	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

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value

