

Section II
Soil and Site Information

Soil Features
Kingsbury County, South Dakota

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In			In	In			
Ba: Badger-----	---	---	---	---	0	---	High	High	Low
Bb: Baltic-----	---	---	---	---	0	---	High	High	Moderate
BcB: Barnes-----	---	---	---	---	0	---	Moderate	High	Low
Buse-----	---	---	---	---	0	---	Moderate	Low	Low
BcC: Barnes-----	---	---	---	---	0	---	Moderate	High	Low
Buse-----	---	---	---	---	0	---	Moderate	Low	Low
BdA: Beadle-----	---	---	---	---	0	---	Low	High	Moderate
BdB: Beadle-----	---	---	---	---	0	---	Low	High	Moderate
BdC: Beadle-----	---	---	---	---	0	---	Low	High	Moderate
BeA: Beadle-----	---	---	---	---	0	---	Low	High	Moderate
Dudley-----	---	---	---	---	0	---	Moderate	High	High
Bn: Bon-----	---	---	---	---	0	---	Moderate	Moderate	Low
Bo: Bon-----	---	---	---	---	0	---	High	Moderate	Low
BrB: Brandt-----	---	---	---	---	0	---	High	Moderate	Low
BuC: Buse-----	---	---	---	---	0	---	Moderate	Low	Low
Barnes-----	---	---	---	---	0	---	Moderate	High	Low
BuD: Buse-----	---	---	---	---	0	---	Moderate	Low	Low
Barnes-----	---	---	---	---	0	---	Moderate	High	Low
BxD: Buse-----	---	---	---	---	0	---	Moderate	Low	Low
Holmquist-----	---	---	---	---	0	---	Moderate	High	Moderate
CbA: Clarno-----	---	---	---	---	0	---	Moderate	High	Moderate
Bonilla-----	---	---	---	---	0	---	Moderate	High	Moderate
CbB: Clarno-----	---	---	---	---	0	---	Moderate	High	Moderate
Bonilla-----	---	---	---	---	0	---	Moderate	High	Moderate
CeB: Clarno-----	---	---	---	---	0	---	Moderate	High	Moderate
Ethan-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Bonilla-----	---	---	---	---	0	---	Moderate	High	Moderate

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		In			In	In			
CeC: Clarno-----	---	---	---	---	0	---	Moderate	High	Moderate
Ethan-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Bonilla-----	---	---	---	---	0	---	Moderate	High	Moderate
Ct: Crossplain-----	---	---	---	---	0	---	High	High	Moderate
Tetonka-----	---	---	---	---	0	---	High	High	Moderate
Cu: Cubden-----	---	---	---	---	0	---	High	High	Low
Cv: Cubden-----	---	---	---	---	0	---	High	High	Low
Badger-----	---	---	---	---	0	---	High	High	Low
Cw: Cubden-----	---	---	---	---	0	---	High	High	Low
Tonka-----	---	---	---	---	0	---	High	High	Low
Dc: Davison-----	---	---	---	---	0	---	High	High	Moderate
Crossplain-----	---	---	---	---	0	---	High	High	Moderate
DeA: Delmont-----	---	---	---	---	0	---	Low	Moderate	Low
DtB: Delmont-----	---	---	---	---	0	---	Low	Moderate	Low
Talmo-----	---	---	---	---	0	---	Low	Moderate	Low
Dv: Divide-----	---	---	---	---	0	---	Moderate	High	Low
Dx: Dudley-----	---	---	---	---	0	---	Moderate	High	High
Jerauld-----	---	---	---	---	0	---	Low	High	Moderate
Dy: Durrstein-----	---	---	---	---	0	---	Moderate	High	High
EgA: Egeland-----	---	---	---	---	0	---	Low	Moderate	Low
Embden-----	---	---	---	---	0	---	Moderate	High	Low
EgB: Egeland-----	---	---	---	---	0	---	Low	Moderate	Low
Embden-----	---	---	---	---	0	---	Moderate	High	Low
EmC: Egeland-----	---	---	---	---	0	---	Low	Moderate	Low
Maddock-----	---	---	---	---	0	---	Low	Moderate	Low
EnD: Ethan-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Betts-----	---	---	---	---	0	---	Moderate	High	Moderate
EoD: Ethan-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Bon-----	---	---	---	---	0	---	High	Moderate	Low

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		In			In	In			
EtC: Ethan-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Clarno-----	---	---	---	---	0	---	Moderate	High	Moderate
EtD: Ethan-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Clarno-----	---	---	---	---	0	---	Moderate	High	Moderate
HbB: Henkin-----	---	---	---	---	0	---	Moderate	Moderate	Low
Blendon-----	---	---	---	---	0	---	Moderate	Moderate	Low
HeA: Hetland-----	---	---	---	---	0	---	Moderate	High	Moderate
HeB: Hetland-----	---	---	---	---	0	---	Moderate	High	Moderate
HpA: Houdek-----	---	---	---	---	0	---	Moderate	High	Moderate
Prosper-----	---	---	---	---	0	---	High	High	Moderate
HpB: Houdek-----	---	---	---	---	0	---	Moderate	High	Moderate
Prosper-----	---	---	---	---	0	---	High	High	Moderate
HsA: Houdek-----	---	---	---	---	0	---	Moderate	High	Moderate
Stickney-----	---	---	---	---	0	---	Moderate	High	High
HsB: Houdek-----	---	---	---	---	0	---	Moderate	High	Moderate
Stickney-----	---	---	---	---	0	---	Moderate	High	High
Ht: Houdek-----	---	---	---	---	0	---	Moderate	High	Moderate
Stickney-----	---	---	---	---	0	---	Moderate	High	High
Tetonka-----	---	---	---	---	0	---	High	High	Moderate
Hv: Hoven-----	---	---	---	---	0	---	Moderate	High	Moderate
Lh: La Prairie-----	---	---	---	---	0	---	Moderate	Moderate	Low
Holmquist-----	---	---	---	---	0	---	Moderate	High	Moderate
Lm: Lamoure-----	---	---	---	---	0	---	High	High	Moderate
Lo: Lowe-----	---	---	---	---	0	---	High	High	Low
Ma: Marysland-----	---	---	---	---	0	---	High	High	Low
MeA: Minnewasta-----	---	---	---	---	0	---	High	High	Low
Mw: Minnewaukan-----	---	---	---	---	0	---	Moderate	High	Low
Od: Oldham-----	---	---	---	---	0	---	High	Moderate	High
Og: Orthents, Gravelly-----	---	---	---	---	0	---	Low	Moderate	Low

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		In			In	In			
Pa: Parnell-----	---	---	---	---	0	---	High	High	Low
Pm: Playmoor-----	---	---	---	---	0	---	High	High	High
PoB: Poinsett-----	---	---	---	---	0	---	High	High	Low
Buse-----	---	---	---	---	0	---	Moderate	Low	Low
Waubay-----	---	---	---	---	0	---	High	High	Low
PoC: Poinsett-----	---	---	---	---	0	---	High	High	Low
Buse-----	---	---	---	---	0	---	Moderate	Low	Low
Waubay-----	---	---	---	---	0	---	High	High	Low
PrB: Poinsett-----	---	---	---	---	0	---	High	High	Low
Rusklyn-----	---	---	---	---	0	---	High	Moderate	Low
Waubay-----	---	---	---	---	0	---	High	High	Low
PwA: Poinsett-----	---	---	---	---	0	---	High	High	Low
Waubay-----	---	---	---	---	0	---	High	High	Low
PwB: Poinsett-----	---	---	---	---	0	---	High	High	Low
Waubay-----	---	---	---	---	0	---	High	High	Low
RfA: Renshaw-----	---	---	---	---	0	---	Low	Moderate	Low
Fordville-----	---	---	---	---	0	---	Low	Moderate	Low
RfB: Renshaw-----	---	---	---	---	0	---	Low	Moderate	Low
Fordville-----	---	---	---	---	0	---	Low	Moderate	Low
RsB: Renshaw-----	---	---	---	---	0	---	Low	Moderate	Low
Sioux-----	---	---	---	---	0	---	Low	Low	Low
RsC: Renshaw-----	---	---	---	---	0	---	Low	Moderate	Low
Sioux-----	---	---	---	---	0	---	Low	Low	Low
SnA: Sinai-----	---	---	---	---	0	---	Low	High	High
SrD: Sioux-----	---	---	---	---	0	---	Low	Low	Low
Renshaw-----	---	---	---	---	0	---	Low	Moderate	Low
Ss: Southam-----	---	---	---	---	0	---	High	High	Low
St: Stickney-----	---	---	---	---	0	---	Moderate	High	High
Dudley-----	---	---	---	---	0	---	Moderate	High	High

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		In			In	In			
Sv: Stickney-----	---	---	---	---	0	---	Moderate	High	High
Dudley-----	---	---	---	---	0	---	Moderate	High	High
Hoven-----	---	---	---	---	0	---	Moderate	High	Moderate
TdD: Talmo-----	---	---	---	---	0	---	Low	Moderate	Low
Delmont-----	---	---	---	---	0	---	Low	Moderate	Low
Te: Tetonka-----	---	---	---	---	0	---	High	High	Moderate
To: Tonka-----	---	---	---	---	0	---	High	High	Low
VbA: Vienna-----	---	---	---	---	0	---	Moderate	High	Moderate
Brookings-----	---	---	---	---	0	---	High	High	Moderate
VbB: Vienna-----	---	---	---	---	0	---	Moderate	High	Moderate
Brookings-----	---	---	---	---	0	---	High	High	Moderate
W: Water-----	---	---	---	---	---	---	---	---	---
Wa: Waubay-----	---	---	---	---	0	---	High	High	Low
Wb: Waubay-----	---	---	---	---	0	---	High	High	Low
Badger-----	---	---	---	---	0	---	High	High	Low
Wo: Worthing-----	---	---	---	---	0	---	High	High	Moderate
Wp: Worthing-----	---	---	---	---	0	---	High	High	High