SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 077
KINGSBURY COUNTY
(FROZEN FACTORS)
R=100, C=0.25

PUBLISHED SYMBOL	SOIL MAP UNIT NAME	SLOPE %	COMPONENT	%	HEL CLASS WIND	HEL CLASS WATER	SOIL K	LV T	I
Ba	Badger silty clay loam	0-1	Badger	90	3	3	0.28	5	38
Bb	Baltic silty clay loam	0-1	Baltic	90	3	3	0.37	5	86
BcB	Barnes-Buse loams	2-6							
		2-6	Barnes	60	3	3	0.28	5	48
		3-6	Buse	25	3	3	0.28	5	86
BcC	Banres-Buse loams	6-9							
		6-9	Barnes	50	3	2	0.28	5	48
		6-9	Buse	40	3	2	0.28	5	86
BdA	Beadle loam	0-2	Beadle	85	3	3	0.28	5	48
BdB	Beadle loam	2-6	Beadle	90	3	3	0.28	5	48
BdC	Beadle loam	6-9	Beadle	90	3	2	0.28	5	48
BeA	Beadle-Dudley complex	0-2							
		0-2	Beadle	55	3	3	0.28	5	48
		0-2	Dudley	35	3	3	0.43	3	48
Bn	Bon loam	0-2	Bon	90	3	3	0.24	5	48
Bo	Bon loam, channeled	0-2	Bon	85	3	3	0.24	5	48
BrB	Brandt silty clay loam	2-6	Brandt	90	3	3	0.28	5	38
BuC	Buse-Barnes loams	6-9							
		6-9	Buse	50	3	2	0.28	5	86
		6-9	Barnes	40	3	2	0.28	5	48
BuD	Buse-Barnes loams	9-20							
		15-20	Buse	50	3	1	0.28	5	86
		9-15	Barnes	40	3	1	0.28	5	48
BxD	Buse-Holmquist, channeled loams	0-20							
		3-20	Buse	50	3	1	0.28	5	86
		0-2	Holmquist	40	3	3	0.28	5	86
CbA	Clarno-Bonilla loams	0-2							
		0-2	Clarno	60	3	3	0.28	5	48
		0-2	Bonilla	30	3	3	0.24	5	48
CbB	Clarno-Bonilla loams	1-6							
		2-6	Clarno	65	3	3	0.28	5	48
		1-2	Bonilla	25	3	3	0.24	5	48
CeB	Clarno-Ethan-Bonilla loams	1-6							
		2-6	Clarno	45	3	3	0.28	5	48
		2-6	Ethan	25	3	3	0.28	5	86
		1-2	Bonilla	20	3	3	0.24	5	48
CeC	Clarno-Ethan-Bonilla loams	2-9							
		6-9	Clarno	40	3	2	0.28	5	48
		6-9	Ethan	30	3	2	0.28	5	86
		2-6	Bonilla	20	3	3	0.24	5	48
Ct	Crossplain-Tetonka complex	0-2							
		0-2	Crossplain	60	3	3	0.24	5	48
		0-1	Tetonka	30	3	3	0.32	5	38
Cu	Cubden silty clay loam	0-2	Cubden	85	3	3	0.28	5	86
Cv	Cubden-Badger silty clay loams	0-2							
		0-2	Cubden	45	3	3	0.28	5	86
		0-1	Badger	40	3	3	0.28	5	38
Cw	Cubden-Tonka silty clay loams	0-2							
		0-2	Cubden	60	3	3	0.28	5	86
		0-1	Tonka	30	3	3	0.32	5	38
Dc	Davison-Crossplain complex	0-2							
		0-2	Davison	45	3	3	0.28	5	86
		0-1	Crossplain	40	3	3	0.24	5	48
DeA	Delmont loam	0-2	Delmont	90	3	3	0.28	3	48
DlB	Delmont-Talmo loams	2-6							
		2-6	Delmont	55	3	2	0.28	3	48
		2-6	Talmo	35	3	2	0.24	2	48
Dv	Divide loam	0-3	Divide	90	3	3	0.28	4	86
Dx	Dudley-Jerauld silt loams	0-2							
		0-2	Dudley	60	3	3	0.43	3	48
		0-2	Jerauld	30	3	3	0.37	3	48
Dy	Durrstein silt loam	0-1	Durrsterin	95	3	3	0.37	3	48

EgA	Egeland-Embden complex	0-2							
		0-2	Egeland	50	3	3	0.2	5	86
		0-2	Embden	40	3	3	0.2	5	86
EgB	Egeland-Embden complex	2-6							
		2-6	Egeland	70	3	3	0.2	5	86
		2-6	Embden	20	3	3	0.2	5	86
EmC	Egeland-Maddock sandy loams	6-9							
		6-9	Egeland	70	3	2	0.2	5	86
		6-9	Maddock	20	3	2	0.17	5	86
EnD	Ethan-Betts loams	9-20							
		9-20	Ethan	55	3	1	0.28	5	86
		9-20	Betts	30	3	1	0.28	5	86
EoD	Ethan-Bon, channeled, loam	0-20							
		2-20	Ethan	45	3	1	0.28	5	86
		0-2	Bon	35	3	3	0.24	5	48
EtC	Ethan-Clarno loams	6-9							
		6-9	Ethan	50	3	2	0.28	5	86
		6-9	Clarno	40	3	2	0.28	5	48
EtD	Ethan-Clarno loams	9-15							
		9-15	Ethan	55	3	1	0.28	5	86
		9-15	Clarno	35	3	1	0.28	5	48
HbB	Henkin-Blendon fine sandy loams	2-6							
		2-6	Henkin	65	3	3	0.2	5	86
		2-6	Blendon	25	3	3	0.2	5	86
HeA	Hetland silty clay loam	0-2	Hetland	90	3	3	0.28	5	86
HeB	Hetland silty clay loam	2-6	Hetland	90	3	3	0.28	5	86
HpA	Houdek-Prosper loams	0-2							
		0-2	Houdek	55	3	3	0.28	5	48
		0-2	Prosper	30	3	3	0.28	5	48
HpB	Houdek-Prosper loams	1-6							
		2-6	Houdek	70	3	3	0.28	5	48
		1-2	Prosper	20	3	3	0.28	5	48
HsA	Houdek-Stickney complex	0-2							
		0-2	Houdek	50	3	3	0.28	5	48
		0-2	Stickney	40	3	3	0.37	3	48
HsB	Houdek-Stickney complex	2-6							
		2-6	Houdek	55	3	3	0.28	5	48
		2-3	Stickney	35	3	3	0.37	3	48
Ht	Houdek-Stickney-Tetonka complex	0-3							
		0-3	Houdek	45	3	3	0.28	5	48
		0-3	Stickney	25	3	3	0.37	3	48
		0-1	Tetonka	20	3	3	0.32	5	48
Hv	Hoven silt loam	0-1	Hoven	90	3	3	0.37	3	48
Lh	LaPrairie-Holmquist loams, channeled	0-2							
		0-2	LaPrairie	50	3	3	0.28	5	48
		0-1	Holmquist	40	3	3	0.28	5	86
Lm	Lamoure silty clay loam	0-1	Lamoure	85	3	3	0.28	5	86
Lo	Lowe loam	0-1	Lowe	90	3	3	0.28	5	86
Ma	Marysland loam	0-1	Marysland	85	3	3	0.28	4	86
MeA	Minnewasta sandy loam	0-2	Minnewasta	90	3	3	0.2	5	86
Mw	Minnewaukan loamy sand	0-3	Minnewaukan	90	1	3	0.17	5	134
Od	Oldham silty clay loam	0-1	Oldham	90	3	3	0.28	5	86
Og	Orthents, gravelly	0-60	Orthents	90	3	2	0.2	3	56
Pa	Parnell silty clay loam	0-1	Parnell	90	3	3	0.28	5	38
Pm	Playmoor silty clay loam	0-1	Playmoor	90	3	3	0.28	5	86
PoB	Poinsett-Buse Waubay complex	1-6							
		2-6	Poinsett	45	3	3	0.32	5	38
		3-6	Buse	25	3	3	0.28	5	86
		1-2	Waubay	20	3	3	0.28	5	38
PoC	Poinsett-Buse-Waubay complex	2-9							
		6-9	Poinsett	40	3	2	0.32	5	38
		6-9	Buse	30	3	2	0.28	5	86
		2-6	Waybay	20	3	3	0.28	5	38
PrB	Poinsett-Rusklyn-Waubay silty clay loams	1-6							
		2-6	Poinsett	40	3	3	0.32	5	38
		2-6	Rusklyn	30	3	3	0.32	5	86
		1-2	Waubay	20	3	3	0.28	5	38
PwA	Poinsett-Waubay silty clay loams	0-2							
		0-2	Poinsett	55	3	3	0.32	5	38
		0-2	Waubay	35	3	3	0.28	5	38
PwB	Poinsett-Waubay silty clay loams	1-6							
		2-6	Poinsett	65	3	3	0.32	5	38

		1-2	Waubay	25	3	3	0.28	5	38
RfA	Renshaw-Fordville loams	0-2							
		0-2	Renshaw	55	3	3	0.28	3	48
		0-2	Fordville	35	3	3	0.24	4	48
RfB	Renshaw-Fordville loams	2-6							
		2-6	Renshaw	60	3	2	0.28	3	48
		2-6	Fordville	30	3	2	0.24	4	48
RsB	Renshaw-Sioux complex	2-6							
		2-6	Renshaw	60	3	2	0.28	3	48
		2-6	Sioux	30	1	2	0.2	2	56
RsC	Renshaw-Sioux complex	6-9							
		6-9	Renshaw	50	3	1	0.28	3	48
		6-9	Sioux	40	1	2	0.2	2	56
SnA	Sinai silty clay	0-2	Sinai	90	3	3	0.28	5	86
SrD	Sioux-Renshaw complex	9-15							
		9-15	Sioux	50	1	1	0.2	2	56
		9-15	Renshaw	40	3	1	0.28	3	48
Ss	Southam silty clay loam	0-1	Southam	90	3	3	0.37	5	38
St	Stickney-Dudley silt loams	0-2							
		0-2	Stickney	45	3	3	0.37	3	48
		0-2	Dudley	40	3	3	0.43	3	48
Sv	Stickney-Dudley-Hoven silt loams	0-2							
		0-2	Stickney	35	3	3	0.37	3	48
		0-2	Dudley	30	3	3	0.43	3	48
		0-1	Hoven	25	3	3	0.37	3	48
TdD	Talmo-Delmont loams	6-15							
		6-15	Talmo	60	1	1	0.24	2	48
		6-15	Delmont	30	3	1	0.28	3	48
Te	Tetonka silt loam	0-1	Tetonka	90	3	3	0.32	5	48
To	Tonka Silty clay loam	0-1	Tonka	90	3	3	0.32	5	38
VbA	Vienna-Brookings complex	0-2							
		0-2	Vienna	70	3	3	0.32	5	48
		0-2	Brookings	20	3	3	0.28	5	38
VbB	Vienna-Brookings complex	1-6							
		2-6	Vienna	70	3	3	0.32	5	48
		1-2	Brookings	20	3	3	0.25	5	38
Wa	Waubay silty clay loam	0-2	Waubay	90	3	3	0.28	5	38
Wb	Waubay-Badger silty clay loams	0-2	Waubay	50	3	3	0.28	5	38
		0-1	Badger	40	3	3	0.28	5	38
Wo	Worthing silty clay loam	0-1	Worthing	90	3	3	0.37	5	86
Wp	Worthing silty clay loam, ponded	0-1	Worthing	90	3	3	0.37	5	86

*** Highly Erodible Land Class**
1= Highly Erodible
2 = Potentially Highly Erodible
3 = Not Highly Erodible