SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 069
HYDE COUNTY
(FROZEN FACTORS)

PUBLISHED SYMBOL	SOIL MAP UNIT NAME	SLOPE %	COMPONENT	%	HEL CLASS WIND	HEL CLASS WATER	SOIL K	LV T	I
BdA	Bend-Edwin complex	0-4							
		0-4	Bend	50	3	3	0.32	5	48
		0-4	Edwin	30	3	3	0.32	5	48
BkE	Betts-Java complex	9-20							
		12-20	Betts	50	3	2	0.28	5	86
		9-20	Java	30	3	2	0.28	5	86
BkF	Betts-Java complex	20-40							
		20-40	Betts	50	3	1	0.28	5	86
		20-40	Java	30	3	1	0.28	5	86
Bn	Bon loam, channeled	0-1							
		0-1	Bon	100	3	3	0.24	5	48
BuA	Bullcreek clay	0-6							
		0-6	Bullcreek	100	3	3	0.37	5	86
CcA	Capa-Carter silt loams	0-4							
		0-4	Capa	50	3	3	0.37	3	48
		0-4	Carter	30	3	3	0.37	3	48
ClA	Capa-Slickspots complex	0-4							
		0-4	Capa	50	3	3	0.37	3	48
		0-4	Slickspots	30	ER	ER			86
CpA	Carter-Promise complex	0-3							
		0-3	Promise	50	3	3	0.37	5	86
		0-3	Carter	30	3	3	0.37	3	48
CrA	Cavo-Jerauld loams	0-4							
		0-4	Cavo	50	3	3	0.32	3	48
		0-4	Jerauld	30	3	3	0.37	3	48
Cs	Cavo-Stickney loams	0-2							
		0-2	Cavo	50	3	3	0.32	3	48
		0-2	Demky	30	3	3	0.32	3	48
Df	Degrey-Walke silt loams	0-2							
		0-2	DeGrey	50	3	3	0.37	3	48
		0-2	Walke	30	3	3	0.32	3	48
DnB	Delmont-Oahe loams	2-6							
		2-6	Delmont	50	3	3	0.28	3	48
		2-6	Oahe	30	3	3	0.28	4	48
Du	Durrstein-Egas complex	0-1							
		0-1	Durrstein	50	3	3	0.37	3	48
		0-1	Egas	30	3	3	0.28	5	86
EpC	Eakin-Peno complex	6-9							
		6-9	Eakin	50	3	3	0.32	5	48
		6-9	Peno	30	3	3	0.28	5	48
ErA	Eakin-Raber complex	0-2							
		0-2	Eakin	50	3	3	0.32	5	48
		0-2	Raber	30	3	3	0.28	5	48
ErB	Eakin-Raber complex	2-6							
		2-6	Eakin	50	3	3	0.32	5	48
		2-6	Raber	30	3	3	0.28	5	48
GfF	Gettys-Sansarc complex	9-40							
		15-40	Gettys	50	3	1	0.28	5	86
		15-40	Sansarc	30	1	1	0.37	2	86
GmB	Glenham-Java loams	2-6							
		2-6	Glenham	50	3	3	0.28	5	48
		2-6	Java	30	3	3	0.28	5	48
GnA	Glenham-Java-Cavo loams	0-4							
		0-4	Glenham	40	3	3	0.28	5	48
		1-4	Java	30	3	3	0.28	5	48
		0-2	Cavo	20	3	3	0.32	3	48
GrA	Glenham-Prosper loams	0-2							
		0-2	Glenham	50	3	3	0.28	5	48
		0-2	Prosper	30	3	3	0.28	5	48
GrB	Glenham-Prosper loams	2-6							
		2-6	Glenham	50	3	3	0.28	5	48

		2-4	Prosper	30		3	3	0.28	5	48
GsA	Glenham-Prosper-Hoven complex	0-4								
		2-4	Glenham	40		3	3	0.28	5	48
		0-2	Prosper	30		3	3	0.28	5	48
		0-1	Hoven	20		3	3	0.37	3	48
GtB	Glenham-Prosper-Java loams	1-6								
		1-6	Glenham	40		3	3	0.28	5	48
		1-4	Prosper	30		3	3	0.28	5	48
		2-6	Java	20		3	3	0.28	5	48
GuA	Glenham-Stickney-Hoven complex	0-4								
		0-4	Glenham	40		3	3	0.28	5	48
		0-2	Stickney	30		3	3	0.32	3	48
		0-1	Hoven	20		3	3	0.37	3	48
HaA	Henkin-Blendon fine sandy loams	0-4								
		0-4	Henkin	50		3	3	0.2	5	86
		0-2	Blendon	30		3	3	0.28	5	56
HdA	Highmore-Degrey silt loams	0-2								
		0-2	Highmore	50		3	3	0.32	5	48
		0-2	Degrey	30		3	3	0.37	3	48
HdB	Highmore-Degrey silt loams	2-6								
		2-6	HIghmore	50		3	3	0.32	5	48
		2-6	Degrey	30		3	3	0.37	3	48
HeA	Highmore-Eakin silt loams	0-2								
		0-2	Highmore	100		3	3	0.32	5	48
HeB	Highmore-Eakin silt loams	2-6								
		2-6	Highmore	50		3	3	0.32	5	48
		2-6	Eakin	30		3	3	0.32	5	48
Ho	Hoven silt loam	0-1								
		0-1	Hoven	100		3	3	0.37	3	48
HuB	Hurley silt loam	0-6								
		0-6	Hurley	100		3	3	0.37	3	48
JaC	Java, stony-Glenham-Prosper loams	1-9								
		3-9	Java	40		3	3	0.28	5	48
		3-9	Glenham	30		3	3	0.28	5	48
		1-5	Prosper	20		3	3	0.28	5	48
JbD	Java-Betts loams	6-15								
		6-15	Java	50		3	2	0.28	5	48
		6-15	Betts	30		3	2	0.28	5	86
JcD	Java-Betts loams, stony	6-25								
		6-25	Java	50		3	2	0.28	5	48
		6-25	Betts	30		3	2	0.28	5	86
JgB	Java-Glenham loams	2-6								
		2-6	Java	50		3	3	0.28	5	48
		2-6	Glenham	30		3	3	0.28	5	48
JgC	Java-Glenham loams	6-9								
		6-9	Java	50		3	3	0.28	5	48
		6-9	Glenham	30		3	3	0.28	5	48
JhC	Java-Glenham-Prosper Loams	1-9								
		6-9	Java	40		3	3	0.28	5	48
		3-9	Glenham	30		3	3	0.28	5	48
		1-6	Prosper	20		3	3	0.28	5	48
JsA	Jerauld-Slickspots complex	0-4								
		0-4	Jerauld	50		3	3	0.37	3	48
		0-2	Slickspots	30	ER	ER				48
Ko	Kolls silty clay	0-1								
		0-1	Kolls	100		3	3	0.37	5	86
Lc	Lawet loam	0-2								
		0-2	Arlo	100		1	3	0.28	4	86
Ma	Macken silty clay loam	0-1								
		0-1	Macken	100		3	3	0.37	5	86
Mb	Macken silty clay loam, ponded	0-1								
		0-1	Macken	100		3	3	0.37	5	0
OaA	Oahe loam	0-2								
		0-2	Oahe	100		3	3	0.28	4	48
OdA	Oahe-Delmont loams	0-2								
		0-2	Oahe	50		3	3	0.28	4	48
		0-2	Delmont	30		3	3	0.28	3	48
OkB	Oko clay loam	2-6								
		2-6	Oko	100		3	3	0.37	5	48
OkC	Oko clay loam	6-9								

		6-9	Oko	100		3	3	0.37	5	48
OkD	Oko clay loam	9-20								
		9-20	Oko	100		3	3	0.37	5	48
OnA	Onita silt loam	0-2								
		0-2	Onita	100		3	3	0.28	5	48
Os	Onita-Hoven silt loams	0-2								
		0-2	Onita	50		3	3	0.28	5	48
		0-1	Hoven	30		3	3	0.37	3	48
OtB	Opal clay	2-6								
		2-6	Opal	100		1	3	0.37	4	86
OtC	Opal clay	2-6								
		2-6	Opal	100		1	2	0.37	4	86
OuD	Opal-Sansarc clays	9-20								
		9-20	Opal	50		1	1	0.37	4	86
		9-20	Sansarc	30		1	1	0.37	2	86
Ow	Orthents, Gravelly	0-60								
		0-60	Orthents	100	ER	ER				56
OxD	Orton-Talmo loams	9-25								
		9-25	Orton	50		3	2	0.24	4	56
		9-25	Talmo	30		3	2	0.2	2	48
PgD	Peno-Gettys complex	9-25								
		9-25	Peno	50		3	2	0.28	5	86
		9-25	Gettys	30		3	2	0.28	5	86
Pk	Plankinton silt loam	0-1								
		0-1	Plankinton	100		3	3	0.28	3	48
PrA	Promise silty clay	0-2								
		0-2	Promise	100		3	3	0.37	5	86
PrB	Promise silty clay	2-6								
		2-6	Promise	100		3	3	0.37	5	86
Ps	Prosper loam	0-2								
		0-2	Prosper	100		3	3	0.28	5	48
RaA	Raber loam	0-2								
		0-2	Raber	100		3	3	0.28	5	48
RaB	Raber loam	2-6								
		2-6	Raber	100		3	3	0.28	5	48
RcA	Raber-Cavo loams	0-2								
		0-2	Raber	50		3	3	0.28	5	48
		0-2	Cavo	30		3	3	0.32	3	48
RcB	Raber-Cavo loams	2-6								
		2-6	Raber	50		3	3	0.28	5	48
		2-6	Cavo	30		3	3	0.32	3	48
RpB	Raber-Peno loams	2-6								
		2-6	Raber	50		3	3	0.28	5	48
		2-6	Peno	30		3	3	0.28	5	48
PpC	Raber-Peno loams	6-9								
		6-9	Raber	50		3	3	0.28	5	48
		6-9	Peno	30		3	3	0.28	5	48
RrA	Ree loam	0-2								
		0-2	Ree	100		3	3	0.28	5	48
RsF	Rock Outcrop-Sansarc complex	15-40								
		15-40	Rock Outcrop	50	ER	ER				
		15-40	Sansarc	30		1	1	0.37	3	86
SbF	Sansarc-Opal clays	15-40								
		15-40	Sansarc	50		1	1	0.37	2	86
		15-40	Opal	30		1	1	0.37	4	86
StA	Stickney-Java loams	0-4								
		0-2	Stickney	50		3	3	0.32	3	48
		1-4	Java	30		3	3	0.28	5	48
SvA	Stickney-Java-Hoven complex	0-4								
		0-2	Stickney	40		3	3	0.32	3	48
		1-4	Java	30		3	3	0.28	5	48
		0-1	Hoven	20		3	3	0.37	3	48
TaE	Talmo loam	9-25								
		9-25	Talmo	100		1	1	0.2	2	48
TbA	Talmo sandy loam	0-3								
		0-3	Talmo	100		1	1	0.2	2	86
TcF	Talmo,Stony-Java loams	9-40								
		9-40	Talmo	50		3	1	0.2	2	0
		9-40	Java	30		3	1	0.28	5	48
TdD	Talmo-Delmont loams	3-15								

		9-15	Talmo	50	1	2	0.2	2	48
		3-15	Delmont	30	3	2	0.28	3	48
Te	Tetonka silt loam	0-1							
		0-1	Tetonka	100	3	3	0.32	3	48
Wd	Wendte silty clay, channeled	0-1							
		0-1	Wendte	100	3	3	0.37	5	86

Footnotes:

R= 75
C= 0.40
1= Highly Erodible
2= Potentially Highly Erodible
3=Not Highly Erodible