SOIL MAP UNITS AND COMPONENT HIGHLY ERODIBLE LAND CLASS
FOR SOIL SURVEY AREA 003
AURORA CO.

MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
AAA	ALWILDA LOAM, 0 TO 2 PERCENT SLOPES							
		ALWILDA	100	3	3	0.28	5	1/
AR	ARLO LOAM							
		ARLO	100	1	3	0.28	4	HY-1
BAA	BEADLE LOAM, 0 TO 3 PERCENT SLOPES							
		BEADLE	100	3	3	0.28	5	1/
BAB	BEADLE LOAM, 3 TO 6 PERCENT SLOPES							
		BEADLE	100	3	3	0.28	5	1/
BDA	BEADLE-DUDLEY COMPLEX, 0 TO 3 PERCENT SLOPES							
		BEADLE	45	3	3	0.28	5	1/
		DUDLEY	35	3	3	0.43	3	
BEE	BETTS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES							
		BETTS	55	3	1	0.28	5	
		ETHAN	25	3	1	0.28	5	
BNA	BLENDON FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES							
		BLENDON	100	3	3	0.20	5	1/
BNB	BLENDON FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES							
		BLENDON	-100	3	3	0.20	5	1/
BO	BON LOAM							
		BON	100	3	3	0.24	5	2/
BX	BON LOAM, CHANNELED							
		BON	100	3	3	0.24	5	2/
CA	CLAMO SILTY CLAY LOAM							
		CLAMO	100	3	3	0.28	5	HY-1
CBB	CLARNO LOAM, 3 TO 6 PERCENT SLOPES							
		CLARNO	100	3	3	0.28	5	1/
CEC	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES							
		CLARNO	50	3	2	0.28	5	1/
		ETHAN	30	3	2	0.28	5	
CPA	CLARNO-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES							
		CLARNO	50	3	3	0.28	5	1/
		PROSPER	30	3	3	0.28	5	
DAA	DEGREY-JERAULD SILT LOAMS							
		DEGREY	50	3	3	0.37	3	1/
		JERAULD	30	3	3	0.43	3	
DEA	DEGREY-ONITA SILT LOAMS, 0 TO 2 PERCENT SLOPES							
		DEGREY	48	3	3	0.37	3	1/
		ONITA	32	3	3	0.28	5	
DMA	DELMONT-ENET LOAMS, 0 TO 2 PERCENT SLOPES							
		DELMONT	48	3	3	0.28	3	1/
		ENET	32	3	3	0.28	4	
DMB	DELMONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES							
		DELMONT	53	3	3	0.28	3	1/
		ENET	27	3	3	0.28	4	
DNC	DELMONT-TALMO COMPLEX, 6 TO 15 PERCENT SLOPES							
		DELMONT	53	3	2	0.28	3	
		TALMO	27	3	2	0.20	2	
DO	DIMO LOAM							
		DIMO	100	3	3	0.24	4	2/
DSA	DUDLEY-JERAULD SILT LOAMS, 0 TO 2 PERCENT SLOPES							
		DUDLEY	50	3	3	0.43	3	1/
		JERAULD	30	3	3	0.43	3	
DU	DURRSTEIN SILT LOAM							
		DURRSTEIN	100	3	3	0.37	3	HY-1
EGA	EAKIN-DEGREY SILT LOAMS, 0 TO 3 PERCENT SLOPES							
		EAKIN	48	3	3	0.32	5	1/
		DEGREY	32	3	3	0.37	3	
EEB	EAKIN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES							
		EAKIN	48	3	3	0.32	5	1/
		ETHAN	32	3	3	0.28	5	
ENA	ENET LOAM, 0 TO 2 PERCENT SLOPES							
		ENET	100	3	3	0.28	4	1/
ETD	ETHAN-BETTS LOAMS, 9 TO 15 PERCENT SLOPES							
		ETHAN	45	3	2	0.28	5	
		BETTS	35	3	2	0.28	5	
HBA	HIGHMORE-ONITA SILT LOAMS, 0 TO 2 PERCENT SLOPES							
		HIGHMORE	50	3	3	0.32	5	1/
		ONITA	30	3	3	0.28	5	

6/30/88

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MAP SYMBOL	SOIL MAP UNIT NAME		%	HEL CLASS WIND	HEL CLASS WATER	SOIL LV K	SOIL LV T	HYDRIC SOILS
HDA	HOUDEK-DUDLEY COMPLEX, 0 TO 3 PERCENT SLOPES							
		HOUDEK	48	3	3	0.28	5	1/
		DUDLEY	32	3	3	0.43	3	
HDB	HOUDEK-DUDLEY COMPLEX, 3 TO 6 PERCENT SLOPES							
		HOUDEK	50	3	3	0.28	5	1/
		DUDLEY	30	3	3	0.43	3	
HEB	HOUDEK-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES							
		HOUDEK	53	3	3	0.28	5	1/
		ETHAN	27	3	3	0.28	5	
HEC	HOUDEK-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES							
		HOUDEK	48	3	2	0.28	5	1/
		ETHAN	32	3	2	0.28	5	
HHA	HOUDEK-HOVEN COMPLEX, 0 TO 3 PERCENT SLOPES							
		HOUDEK	48	3	3	0.28	5	
		HOVEN	32	3	3	0.37	3	HY-3
HHB	HOUDEK-HOVEN COMPLEX, 1 TO 6 PERCENT SLOPES							
		HOUDEK	58	3	3	0.28	5	
		HOVEN	22	3	3	0.37	3	HY-3
HOB	HOUDEK-PLANKINTON COMPLEX, 1 TO 6 PERCENT SLOPES							
		HOUDEK	58	3	3	0.28	5	
		PLANKINTON	22	3	3	0.24	3	HY-3
HPA	HOUDEK-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES							
		HOUDEK	48	3	3	0.28	5	1/
		PROSPER	32	3	3	0.28	5	
HV	HOVEN SILT LOAM							
		HOVEN	100	3	3	0.37	3	HY-3
HW	HOVEN-PLANKINTON SILT LOAMS							
		HOVEN	43	3	3	0.37	3	HY-3
		PLANKINTON	37	3	3	0.24	3	HY-3
LA	LANE SILTY CLAY LOAM							
		LANE	100	3	3	0.28	5	2/
MAA	MILLBORO VARIANT SILTY CLAY, 0 TO 2 PERCENT SLOPES							
		MILLBORO V	100	3	3	0.37	5	
MAB	MILLBORO VARIANT SILTY CLAY, 2 TO 6 PERCENT SLOPES							
		MILLBORO V	100	3	3	0.37	5	
OA	ONITA SILT LOAM							
		ONITA	100	3	3	0.28	5	2/
PG	PITS, GRAVEL							
		PITS	100	ER	ER			
PT	PLANKINTON-PROSPER COMPLEX							
		PLANKINTON	55	3	3	0.24	3	HY-3
		PROSPER	25	3	3	0.28	5	
TAC	TALMO GRAVELLY LOAM, 2 TO 15 PERCENT SLOPES							
		TALMO	100	3	2	0.20	2	
TDE	TALMO-DELMONT COMPLEX, 15 TO 40 PERCENT SLOPES							
		TALMO	53	3	1	0.20	2	
		DELMONT	27	3	1	0.28	3	
TE	TETONKA SILT LOAM							
		TETONKA	100	3	3	0.24	3	HY-3
WO	WORTHING SILTY CLAY LOAM							
		WORTHING	100	3	3	0.37	5	HY-4
WP	WORTHING SILTY CLAY LOAM, PONDED							
		WORTHING	100	3	3	0.37	5	HY-4

Footnotes:

R = 95, C = 0.40

1 = HIGHLY ERODIBLE, 2 = POTENTIALLY HIGHLY ERODIBLE,
3 = NOT HIGHLY ERODIBLE

HY = HYDRIC SOILS

ERROR = NOT RATED

1/ This map unit may have inclusions of hydric soils in depressions. HOVEN, PLANKINTON OR TETONKA SOILS

2/ Along the channel are some areas of hydric soils. CLAMO SOILS

AURORA COUNTY, SOUTH DAKOTA

M	MAP_UNIT_NAME	COMPNAME	I
	ALWILDA LOAM, 0 TO 2 PERCENT SLOPES	ALWILDA	48
	ARLO LOAM	ARLO	86
	BEADLE LOAM, 0 TO 3 PERCENT SLOPES	BEADLE	48
	BEADLE LOAM, 3 TO 6 PERCENT SLOPES	BEADLE	48
	BEADLE-DUDLEY COMPLEX, 0 TO 3 PERCENT SLOPES	BEADLE	48
	BEADLE-DUDLEY COMPLEX, 0 TO 3 PERCENT SLOPES	DUDLEY	48
	BETTS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	BETTS	86
	BETTS-ETHAN LOAMS, 15 TO 40 PERCENT SLOPES	ETHAN	86
	BLENDON FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	BLENDON	86
	BLENDON FINE SANDY LOAM, 3 TO 6 PERCENT SLOPES	BLENDON	86
	BON LOAM	BON	48
	BON LOAM, CHANNELED	BON	48
	CLAMO SILTY CLAY LOAM	CLAMO	86
	CLARNO LOAM, 3 TO 6 PERCENT SLOPES	CLARNO	48
	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	CLARNO	48
	CLARNO-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	ETHAN	86
	CLARNO-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	CLARNO	48
	CLARNO-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	PROSPER	48
	DEGREY-JERAULD SILT LOAMS	DEGREY	48
	DEGREY-JERAULD SILT LOAMS	JERAULD	48
	DEGREY-ONITA SILT LOAMS, 0 TO 2 PERCENT SLOPES	DEGREY	48
	DEGREY-ONITA SILT LOAMS, 0 TO 2 PERCENT SLOPES	ONITA	48
	DELMONT-ENET LOAMS, 0 TO 2 PERCENT SLOPES	DELMONT	48
	DELMONT-ENET LOAMS, 0 TO 2 PERCENT SLOPES	ENET	48
	DELMONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES	DELMONT	48
	DELMONT-ENET LOAMS, 2 TO 6 PERCENT SLOPES	ENET	48
	DELMONT-TALMO COMPLEX, 6 TO 15 PERCENT SLOPES	DELMONT	48
	DELMONT-TALMO COMPLEX, 6 TO 15 PERCENT SLOPES	TALMO	56
	DIMO LOAM	DIMO	48
	DUDLEY-JERAULD SILT LOAMS, 0 TO 2 PERCENT SLOPES	DUDLEY	48
	DUDLEY-JERAULD SILT LOAMS, 0 TO 2 PERCENT SLOPES	JERAULD	48
	DURRSTEIN SILT LOAM	DURRSTEIN	48
	EAKIN-DEGREY SILT LOAMS, 0 TO 3 PERCENT SLOPES	EAKIN	48
	EAKIN-DEGREY SILT LOAMS, 0 TO 3 PERCENT SLOPES	DEGREY	48
	EAKIN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	EAKIN	48
	EAKIN-ETHAN COMPLEX, 2 TO 6 PERCENT SLOPES	ETHAN	86
	ENET LOAM, 0 TO 2 PERCENT SLOPES	ENET	48
	ETHAN-BETTS LOAMS, 9 TO 15 PERCENT SLOPES	ETHAN	86
	ETHAN-BETTS LOAMS, 9 TO 15 PERCENT SLOPES	BETTS	86
	HIGHMORE-ONITA SILT LOAMS, 0 TO 2 PERCENT SLOPES	HIGHMORE	48
	HIGHMORE-ONITA SILT LOAMS, 0 TO 2 PERCENT SLOPES	ONITA	48
	HOUDEK-DUDLEY COMPLEX, 0 TO 3 PERCENT SLOPES	HOUDEK	48
	HOUDEK-DUDLEY COMPLEX, 0 TO 3 PERCENT SLOPES	DUDLEY	48
	HOUDEK-DUDLEY COMPLEX, 3 TO 6 PERCENT SLOPES	HOUDEK	48
	HOUDEK-DUDLEY COMPLEX, 3 TO 6 PERCENT SLOPES	DUDLEY	48
	HOUDEK-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	HOUDEK	48
	HOUDEK-ETHAN LOAMS, 2 TO 6 PERCENT SLOPES	ETHAN	86
	HOUDEK-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	HOUDEK	48
	HOUDEK-ETHAN LOAMS, 6 TO 9 PERCENT SLOPES	ETHAN	86
	HOUDEK-HOVEN COMPLEX, 0 TO 3 PERCENT SLOPES	HOUDEK	48
	HOUDEK-HOVEN COMPLEX, 0 TO 3 PERCENT SLOPES	HOVEN	48
	HOUDEK-HOVEN COMPLEX, 0 TO 6 PERCENT SLOPES	HOUDEK	48
	HOUDEK-HOVEN COMPLEX, 0 TO 6 PERCENT SLOPES	HOVEN	48
	HOUDEK-PLANKINTON COMPLEX, 0 TO 6 PERCENT SLOPES	HOUDEK	48
	HOUDEK-PLANKINTON COMPLEX, 0 TO 6 PERCENT SLOPES	PLANKINTON	48

SYM	MAP_UNIT_NAME	COMPNAME	I
	HOUDEK-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	HOUDEK	48
	HOUDEK-PROSPER LOAMS, 0 TO 3 PERCENT SLOPES	PROSPER	48
	HOVEN SILT LOAM	HOVEN	48
	HOVEN-PLANKINTON SILT LOAMS	HOVEN	48
	HOVEN-PLANKINTON SILT LOAMS	PLANKINTON	48
	LANE SILTY CLAY LOAM	LANE	86
	MILLBORO VARIANT SILTY CLAY, 0 TO 2 PERCENT SLOPES	MILLBORO VARIANT	86
	MILLBORO VARIANT SILTY CLAY, 2 TO 6 PERCENT SLOPES	MILLBORO VARIANT	86
	ONITA SILT LOAM	ONITA	48
	ORTHENTS, GRAVELLY	ORTHENTS, GRAVELLY	56
	PLANKINTON-PROSPER COMPLEX	PLANKINTON	48
	PLANKINTON-PROSPER COMPLEX	PROSPER	48
	TALMO GRAVELLY LOAM, 2 TO 15 PERCENT SLOPES	TALMO	56
	TALMO-DELMONT COMPLEX, 15 TO 40 PERCENT SLOPES	TALMO	56
	TALMO-DELMONT COMPLEX, 15 TO 40 PERCENT SLOPES	DELMONT	48
	TETONKA SILT LOAM	TETONKA	48
	WORTHING SILTY CLAY LOAM	WORTHING	86
	WORTHING SILTY CLAY LOAM, PONDED	WORTHING	0
	WATER	WATER (LESS THAN 40 ACRES)	