

TABLE 2.7.2-5

**CORRELATION OF VEGETATION SAMPLING SITES WITH SOILS MAPPING UNITS
AND NRCS ECOLOGICAL SITES
STARK COUNTY, NORTH DAKOTA, 2006-2007**

Vegetation Sample Site ¹	Sample Sites in the Permit Area	Soil Code ²	Soil Name ²	Ecological Site ³
GROUP 1 - HIGH WATER TABLE*				
SL-1		Wet Saline	Saline Silty Clay Loam	Saline Lowland- Wet Land- Subirrigated (SL-WL-Sb)
SL-2				
SL-3	X			
SL-4				
SL-5				
SL-6				
SL-7	X	WN-B	Wayden Silty Clay, B slopes	
SL-8	X			
SL-9	X			
WL-1	X	CHAN	River Channels	Loamy Overflow-Subirrigated- Wet Land (LyOv-Sb-WL)
WL-2	X			
WL-3	X			
WL-4	X			
WL-5	X			
WL-6	X			
WL-7	X			
WL-8	X	AD-AB	Arnegard Clay Loam, A and B slopes	Wet Land-Wet Meadow (WL-WM)
WL-9		CB-DE	Cabba Loam, D and E slopes	
WL-10	X			
WL-11	X	HL-A s/s	Havrelon Silt Loam (saline/sodic substratum), A slopes	
WL-12	X	LE-A	Lallie Silty Clay, A slopes	
WL-13				
WL-14	X			
WL-15	X			
		RS-A	Rhoades Silty Clay, A slopes	
RIPARIAN WOODLAND				
RW-1	X	CHAN	River Channels	Loamy Overflow-Subirrigated- Wet Land (LyOv-Sb-WL)
RW-2	X			
RW-3	X			
RW-4				
RW-5				
RW-6	X			
RW-7	X			
RW-8		LE-A	Lallie Silty Clay, A slopes	Wet Land-Wet Meadow
RW-9	X	HL-A ch	Havrelon Silt Loam (channeled), A slopes	Loamy Overflow (LyOv)
RW-10	X			
RW-11	X	HL-A	Havrelon Silt Loam, A slopes	Loamy Terrace (LyT)
RW-12	X			
RW-13				
RW-14				
RW-15	X			
RW-16	X			
RW-17	X			
RW-18	X			
RW-19	X	HL-A s/s	Havrelon Silt Loam (saline/sodic substratum), A slopes	
RW-20	X			
RW-21	X			
RW-22	X	EH-A	Entic Haplustolls Silt Loams and Silty Clay Loams, A slopes	Loamy Terrace (occasionally Clayey Terrace) (LyT (occ. CyT))
RW-23	X			
RW-24	X			

¹All vegetation sample sites are shown on Exhibit 2.7.2-1.

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RW-25	X	EH-A s/s	Entic Haplustolls Silt Loams and Silty Clay Loams (saline/sodic substratum), A Slopes	Loamy Terrace (occasionally Clayey Terrace) (LyT (occ. CyT))
RW-26	X			
RW-27	X			
RW-28	X			
RW-29	X			
RW-30	X	FV-A	Fluvents Silt Loams and Silty Clay Loams, A slopes	
RW-31	X			
RW-32	X			
DECIDUOUS TREE WOODLAND				
DTW-1	X	RT-CD	Regent Silty Clay Loam, C and D slopes	Clayey (Cy)
DTW-2				
DTW-3				
GROUP 2 - SHALLOW AND VERY SHALLOW				
SwCy-1	X	WN-B	Wayden Silty Clay, B slopes	Shallow Clayey (SwCy)
SwCy-2		WN-CDE	Wayden Silty Clay, C D and E slopes	
SwLy-1	X	CB-AB	Cabba Silt Loam, A and B slopes	Shallow Loamy (SwLy)
SwLy-2	X			
SwLy-3	X	CB-C	Cabba Silt Loam, C slopes	
SwLy-4	X			
SwLy-5	X	CB-DE	Cabba Loam, D and E slopes	
SwLy-6	X			
SwLy-7				
SwLy-8				
SwLy-9	X			
SwLy-10				
SwLy-11				
SwLy-12	X			
SwLy-13	X			
SwLy-14				
SwLy-15				
SwLy-16	X			
SwSy-1		FR-DE	Flasher Sandy Loam, D and E slopes	Shallow Sandy (SwSy)
SwSy-2				
GROUP 3 - CLAYPAN				
Cp-1	X	DM-AB	Daglum Silty Clay Loam, A and B slopes	Claypan (Cp)
TCp-1	X	DH-A	Dogtooth Silty Clay Loam, A slopes	Thin Claypan (TCp)
TCp-2	X	DH-B	Dogtooth Silty Clay Loam, B slopes	
TCp-3	X			
TCp-4	X			
TCp-5				
TCp-6				
TCp-7	X	RS-A	Rhoades Silty Clay, A slopes	
TCp-8	X			
TCp-9				
TCp-10		RS-B	Rhoades Silty Clay, B slopes	
TCp-11	X			
TCp-12	X			
TCp-13	X			
TCp-14	X			
TCp-15	X			
TCp-16	X			

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Vegetation Sample Site ¹	Sample Sites in the Permit Area	Soil Code ²	Soil Name ²	Ecological Site ³
GROUP 4 - SANDY				
Sy-1	X	MG-AB	Manning Sandy Loam, A and B slopes	Sandy (Sy)
Sy-2	X			
Sy-3	X			
Sy-4		PL-DEF	Parshall Sandy Loam, D E and F slopes	
Sy-5				
GROUP 5 - CLAYEY				
Cy-1	X	LR-A	Lawther Silty Clay, A slopes	Clayey (Cy)
Cy-2	X	RT-CD	Regent Silty Clay Loam, C and D slopes	
Cy-3	X			
Cy-4	X			
Cy-5	X	SE-A	Savage Silty Clay Loam, A slopes	
Cy-6	X			
Cy-7	X	SE-B	Savage Silty Clay Loam, B slopes	
Cy-8	X			
GROUP 6 - LOAMY				
Ly-1		AD-AB	Arnegard Clay Loam, A and B slopes	Loamy (Ly)
Ly-2	X	AR-CD	Amor Loam, C and D slopes	
LyOv-1	X	HL-A ch	Havrelon Silt Loam (channeled), A slopes	Loamy Overflow (LyOv)
LyOv-2				
LyOv-3				
LyOv-4				
LyT-1	X	HL-A s/s	Havrelon Silt Loam (saline/sodic substratum), A slopes	Loamy Terrace (LyT)
LyT-2	X			
LyT-3	X			
LyT-4	X			
LyT-5	X			
LyT-6	X			
LyT-7	X			
LyT-8	X			
LyT-9	X			
LyT-10	X			
LyT-11	X			
LyT-12	X			
LyT-13	X			
LyT-14	X			
LyT-15	X			
LyT-16	X			
LyT-17	X			
LyT-18				
LyT-19	X	SO-A s/s	Shambo Loam (saline/sodic substratum), A slopes	
LyT-20	X			
LyT-21	X			
LyT-22	X	FV-A	Fluvents Silt Loams and Silty Clay Loams, A slopes	Loamy Terrace (occasionally Clayey Terrace) (LyT (occ. CyT))
LyT-23	X			
LyT-24		FV-A s/s	Fluvents Silt Loams and Silty Clay Loams (saline/sodic substratum), A slopes	
LyT-25				

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TAME PASTURE				
TP-1		DM-AB	Daglum Silty Clay Loam, A and B slopes	Claypan (Cp)
TP-2	X			
TP-3				
TP-4				
TP-5	X			
TP-6	X			
TP-7	X	JG-AB	Janesburg Silty Clay, A and B slopes	Clayey (Cy)
TP-8		GL-A	Grail Silty Clay Loam, A slopes	
TP-9		LR-B	Lawther Silty Clay, B slopes	
TP-10				
TP-11		MU-B	Moreau Silty Clay Loam, B slopes	
TP-12				
TP-13		RT-CD	Regent Silty Clay Loam, C and D slopes	
TP-14	X			
TP-15	X	SE-A	Savage Silty Clay Loam, A slopes	
TP-16	X			
TP-17				
TP-18				
TP-19		SE-B	Savage Silty Clay Loam, B slopes	
TP-20	X	AD-AB	Arnegard Clay Loam, A and B slopes	Loamy (Ly)
TP-21	X			
TP-22	X			
TP-23	X			
TP-24	X			
TP-25	X			
TP-26	X	SN-AB	Sen Silt Loam, A and B slopes	
TP-27		SO-ABC	Shambo Loam, A B and C slopes	Loamy Terrace (LyT)
TP-28				
TP-29	X	HL-A	Havrelon Silt Loam, A slopes	
TP-30		EH-A	Entic Haplustolls Silt Loams and Silty Clay Loams, A slopes	Loamy Terrace (occasionally Clayey Terrace) (LyT (occ. CyT))
TP-31				
TP-32	X	FV-A	Fluvents Silt Loams and Silty Clay Loams, A slopes	
TP-33	X	WN-A	Wayden Silty Clay, A slopes	Shallow Clayey (SwCy)
TP-34		CB-C	Cabba Silt Loam, C slopes	
TP-35		CB-DE	Cabba Loam, D and E slopes	Shallow Loamy (SwLy)
TP-36	X			
TP-37	X			
TP-38	X			
TP-39	X			
TP-40	X			
TP-41	X	TY-ABC	Tally Sandy Loam, A B and C slopes	Sandy (Sy)
TP-42	X			
TP-43				
TP-44				
TP-45	X	RS-A	Rhoades Silty Clay, A slopes	Thin Claypan (TCp)
TP-46	X			
TP-47	X	RS-B	Rhoades Silty Clay, B slopes	

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