Appendix F

Soils Mapping Unit Characterization Values

Appendix F Soil Mapping Unit Characterization Values for the Project Area (NFS Lands)

Soil Mapping Unit Symbol	Mapping Unit Name	Slope Range (%)	Acreage within Project Area	Percentage of Project Area	Depth to Rock (inches)	Erodibility k-Factor	Wind Erodibility Group	Salinity (mmhos/cm)	SAR	Permeability (inches/hour)	Shrink-Swell Potential
102	Arvada, Thick Surface-Arvada-Slickspots Complex	0-6	708.5	25.0	>60	0.37	3	2-4	13-30	0-0.06	High
111	Bidman-Parmleed Loams	0-6	528.1	18.7	20-60	0.37	5	0-0	0-0	0.06-0.2	High
112	Bidman-Parmleed Loams	6-15	62.7	2.2	20-60	0.37	5	0-0	0-0	0.06-0.2	High
113	Bidman-Ulm Loams	0-6	138.2	4.9	>60	0.37	5	0-0	0-0	0.06-0.2	Moderate
143	Felix Clay, Ponded	0-2	12.1	0.4	>60	0.37	4	0-0	0-0	0.06-0.2	High
151	Haverdad Loam	0-3	24.9	0.9	>60	0.49	4L	0-4	0-5	0.6-2.0	Low
154	Heldt Clay Loam	0-6	85.3	3.0	>60	0.32	3	0-0	0-0	0.06-0.2	Moderate
156	Hiland Fine Sandy Loom	0-6	61.9	2.2	>60	0.32	3	0-0	0-0	0.6-2.0	Moderate
157	Hiland-Bowbac Sandy Loams	0-6	216.9	7.7	20-60	0.32	3	0-0	0-0	0.6-2.0	Moderate
158	Hiland-Bowbac Sandy Loams	6-15	203.5	7.2	20-60	0.32	3	0-0	0-0	0.6-2.0	Moderate
179	Maysdorf-Pugsley Complex	0-6	1.7	0.1	20-60	0.37	3	0-0	0-0	0.6-2.0	Moderate
180	Maysdorf-Pugsley Sandy Loams	6-15	53.6	1.9	20-60	0.37	3	0-0	0-0	0.6-2.0	Moderate
190	Parmleed-Renohill Complex	3-15	122.2	4.3	20-40	0.37	4	0-4	0-5	0.6-2.0	High
200	Renohill-Savageton Clay Loams	6-15	139.8	4.9	20-40	0.37	4	0-4	0-5	0.6-2.0	High
201	Renohill-Shingle-Worf Complex	3-15	240.4	8.5	10-40	0.37	5	0-2	0-0	0.06-0.2	High
206	Samday-Shingle-Rock Outcrop Complex	10-45	9.5	0.3	10-20	0.37	4	0-4	0-5	0.06-0.2	High
228	Ulm-Renohill Complex	0-6	220.0	7.8	>60	0.37	5	0-2	0-0	0.06-0.2	High

Source: NRCS, 1998

[1] The most restrictive value representing soil materials present in the upper 6 inches was used in characterizing the limiting factor for the soil mapping unit.