

Logan County, Colorado
Print date: 09/09/2003

Table K2.--Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
1: Albinas-----	---	---	---	---	0	---	Low	Moderate	Low
2: Alda-----	---	---	---	---	0	---	High	Moderate	Low
3: Alda-----	---	---	---	---	0	---	High	Moderate	Low
4: Altvan-----	---	---	---	---	0	---	Moderate	Low	Low
Eckley-----	---	---	---	---	0	---	Low	Moderate	Low
5: Altvan-----	---	---	---	---	0	---	Moderate	Low	Low
Eckley-----	---	---	---	---	0	---	Low	Moderate	Low
6*: Aquolls-----	---	---	---	---	0	---	High	High	High
7*: Argiustolls, wet-----	---	---	---	---	0	---	High	High	High
8*: Argiustolls-----	Bedrock (lithic)	20-60	---	---	0	---	Low	Moderate	Low
Rock outcrop-----	Bedrock (lithic)	0-0	---	---	0	---	None	---	---
9: Arvada-----	---	---	---	---	0	---	Low	High	Low
10: Ascalon-----	---	---	---	---	0	---	Moderate	Moderate	Low

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
11: Ascalon-----	---	---	---	---	0	---	Moderate	Moderate	Low
12: Ascalon-----	---	---	---	---	0	---	Moderate	Moderate	Low
13*: Badland-----	Bedrock (paralithic)	0-3	---	---	0	---	None	---	---
14: Bankard-----	---	---	---	---	0	---	Low	High	Low
15: Bayard-----	---	---	---	---	0	---	Moderate	High	Low
Canyon-----	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
16: Bridgeport-----	---	---	---	---	0	---	Moderate	Moderate	Low
17: Canyon-----	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
18: Chappell-----	---	---	---	---	0	---	Low	Moderate	Low
19: Colby-----	---	---	---	---	0	---	Low	Moderate	Low
20: Dacono-----	---	---	---	---	0	---	Low	High	Low
21: Dailey-----	---	---	---	---	0	---	Low	High	Low
22: Dailey-----	---	---	---	---	0	---	Low	High	Low
23: Dailey, thick surface--	---	---	---	---	0	---	Low	Moderate	Low

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
24: Dix-----	---	---	---	---	0	---	Low	Moderate	Low
Altvan-----	---	---	---	---	0	---	Moderate	Moderate	Low
25: Dix-----	---	---	---	---	0	---	Low	Moderate	Low
Eckley-----	---	---	---	---	0	---	Low	Moderate	Low
26: Els-----	---	---	---	---	0	---	High	Moderate	Low
27: Epping-----	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low
28*: Fluvaquentic Haplaquolls-----	---	---	---	---	0	---	Moderate	High	Low
29*: Fluvaquents-----	---	---	---	---	0	---	High	High	Low
30: Glenberg-----	---	---	---	---	0	---	Low	High	Low
31: Gravel pits-----	---	---	---	---	0	---	None	---	---
32: Haverson-----	---	---	---	---	0	---	Low	Moderate	Low
33: Haverson-----	---	---	---	---	0	---	Low	Moderate	Low
34: Haverson, frequently flooded-----	---	---	---	---	0	---	Low	Moderate	Low
35: Haverson, saline-----	---	---	---	---	0	---	Low	High	High

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
36: Haxtun-----	---	---	---	---	0	---	Moderate	Moderate	Low
37: Haxtun-----	---	---	---	---	0	---	Moderate	Moderate	Low
38: Haxtun-----	---	---	---	---	0	---	Moderate	Moderate	Low
39: Hayford-----	---	---	---	---	0	---	Moderate	High	Low
40: Hayford, saline-----	---	---	---	---	0	---	Moderate	High	High
41: Heldt-----	---	---	---	---	0	---	Low	High	Low
42: Heldt, saline-----	---	---	---	---	0	---	Low	High	Low
43: Iliff-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
44: Julesburg-----	---	---	---	---	0	---	Moderate	Moderate	Low
45: Julesburg-----	---	---	---	---	0	---	Moderate	Moderate	Low
46: Julesburg-----	---	---	---	---	0	---	Moderate	Moderate	Low
47: Julesburg-----	---	---	---	---	0	---	Moderate	Moderate	Low
48: Julesburg-----	---	---	---	---	0	---	Moderate	Moderate	Low
49: Julesburg-----	---	---	---	---	0	---	Moderate	Moderate	Low
Eckley-----	---	---	---	---	0	---	Low	Moderate	Low

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
50: Keith-----	---	---	---	---	0	---	Moderate	Moderate	Low
51: Kim-----	---	---	---	---	0	---	Low	High	Low
52: Kuma-----	---	---	---	---	0	---	Moderate	High	Moderate
53: Kutch-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	High	Moderate
54: Kutch-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	High	Moderate
55: Lebsack-----	---	---	---	---	0	---	Low	High	Low
56: Lebsack, saline-----	---	---	---	---	0	---	Moderate	High	Moderate
57: Lebsack, wet-----	---	---	---	---	0	---	Moderate	High	Moderate
58: Loveland-----	---	---	---	---	0	---	High	High	Low
59: Manter-----	---	---	---	---	0	---	Moderate	High	Low
60: Manter-----	---	---	---	---	0	---	Moderate	High	Low
61: Manter-----	---	---	---	---	0	---	Moderate	High	Low
62: Manter-----	---	---	---	---	0	---	Moderate	High	Low
63: Manter-----	---	---	---	---	0	---	Moderate	High	Low

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
64: Manter, watertable-----	---	---	---	---	0	---	Moderate	High	Low
65: Manter, wet-----	---	---	---	---	0	---	Moderate	High	Low
66: Manzanola-----	---	---	---	---	0	---	Low	High	Low
67: Midway-----	Bedrock (paralithic)	6-20	---	---	0	---	Low	High	Low
68: Mitchell-----	---	---	---	---	0	---	Low	Moderate	Low
69: Mitchell-----	---	---	---	---	0	---	Low	Moderate	Low
Keota-----	Bedrock (paralithic)	20-40	---	---	0	---	Low	High	Low
70: Mitchell-----	---	---	---	---	0	---	Low	Moderate	Low
Keota-----	Bedrock (paralithic)	20-40	---	---	0	---	Low	High	Low
71: Mitchell-----	---	---	---	---	0	---	Low	Moderate	Low
Norka-----	---	---	---	---	0	---	Moderate	High	Low
72: Mosher-----	---	---	---	---	0	---	Moderate	High	Moderate
73: Mosher-----	---	---	---	---	0	---	Moderate	High	Moderate
74: Norka-----	---	---	---	---	0	---	Moderate	High	Low

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
75: Norka-----	---	---	---	---	0	---	Moderate	High	Low
Ulysses-----	---	---	---	---	0	---	Moderate	Moderate	Low
76: Nunn-----	---	---	---	---	0	---	Moderate	High	Low
77: Nunn-----	---	---	---	---	0	---	Moderate	High	Low
78: Nunn-----	---	---	---	---	0	---	Moderate	High	Low
79: Nunn-----	---	---	---	---	0	---	Moderate	High	Low
80: Nunn-----	---	---	---	---	0	---	Moderate	High	Low
81: Nunn-----	---	---	---	---	0	---	Moderate	High	Low
82: Nunn, watertable-----	---	---	---	---	0	---	Low	High	Low
83: Nunn, wet-----	---	---	---	---	0	---	Low	High	Low
84: Olney-----	---	---	---	---	0	---	Low	High	Low
85: Olney-----	---	---	---	---	0	---	Low	High	Low
86: Peetz-----	---	---	---	---	0	---	Low	Moderate	Low
87: Platner-----	---	---	---	---	0	---	Low	High	Low
88: Platner-----	---	---	---	---	0	---	Low	High	Low

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
89: Platner-----	---	---	---	---	0	---	Low	High	Low
90: Platner-----	---	---	---	---	0	---	Low	High	Low
91: Platner-----	---	---	---	---	0	---	Low	High	Low
Rago-----	---	---	---	---	0	---	Moderate	High	Low
Dacono-----	---	---	---	---	0	---	Low	High	Low
92: Rago-----	---	---	---	---	0	---	Moderate	High	Low
93: Rago-----	---	---	---	---	0	---	Moderate	High	Low
94: Renohill-----	Bedrock (paralithic)	20-40	---	---	0	---	Low	Moderate	Low
Shingle-----	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low
95*: Rock outcrop-----	Bedrock (lithic)	0-0	---	---	0	---	None	---	---
Argiustolls-----	Bedrock (lithic)	10-40	---	---	0	---	Low	Moderate	Low
96: Rosebud-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	High	Low
Escabosa-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
97: Rosebud-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	High	Low
Escabosa-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
98: Rosebud-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	High	Low
Escabosa-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Iliff-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
99: Satanta-----	---	---	---	---	0	---	Moderate	Moderate	Low
100: Satanta-----	---	---	---	---	0	---	Moderate	Moderate	Low
101: Satanta-----	---	---	---	---	0	---	Moderate	Moderate	Low
102: Satanta, watertable----	---	---	---	---	0	---	Moderate	High	Low
103: Satanta, wet-----	---	---	---	---	0	---	Moderate	High	Low
104: Shingle-----	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low
105: Stoneham-----	---	---	---	---	0	---	Low	Moderate	Low
106: Stoneham-----	---	---	---	---	0	---	Low	Moderate	Low
107: Stoneham-----	---	---	---	---	0	---	Low	Moderate	Low
108: Stoneham-----	---	---	---	---	0	---	Low	Moderate	Low
Cushman-----	Bedrock (paralithic)	20-40	---	---	0	---	Low	High	Low

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
109: Thedalund-----	Bedrock (paralithic)	20-40	---	---	0	---	Low	High	Low
Kim-----	---	---	---	---	0	---	Low	High	Low
Shingle-----	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low
110: Wagonwheel-----	---	---	---	---	0	---	Moderate	Low	Low
Stoneham-----	---	---	---	---	0	---	Moderate	Moderate	Low
111: Wagonwheel-----	---	---	---	---	0	---	Moderate	Low	Low
Colby-----	---	---	---	---	0	---	Low	High	Low
112*: Ustic Torriorthents---	Bedrock (paralithic)	10-30	---	---	0	---	Low	High	Low
113: Valent-----	---	---	---	---	0	---	Low	Moderate	Low
114: Valent-----	---	---	---	---	0	---	Low	Moderate	Low
115: Valent-----	---	---	---	---	0	---	Low	Moderate	Low
116: Vona-----	---	---	---	---	0	---	Low	High	Low
117: Vona-----	---	---	---	---	0	---	Low	High	Low
118: Wages-----	---	---	---	---	0	---	Moderate	High	Low
119: Wages-----	---	---	---	---	0	---	Moderate	High	Low

