

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

Table ENG-4.--Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1: Albinas-----	80	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Cutbanks cave Flooding	1.00 0.60	Somewhat limited Flooding	0.60
2: Alda-----	80	Very limited Frost action Depth to saturated zone	1.00 0.03	Very limited Depth to saturated zone Cutbanks cave	1.00 1.00	Somewhat limited Droughty Depth to saturated zone	0.14 0.03
3: Alda-----	85	Very limited Frost action Flooding Depth to saturated zone	1.00 1.00 0.03	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.03

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
4: Altvan-----	50	Somewhat limited Shrink-swell Frost action	0.50 0.50	Very limited Cutbanks cave	1.00	Not limited	
Eckley-----	30	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.18
5: Altvan-----	50	Somewhat limited Shrink-swell Frost action	0.50 0.50	Very limited Cutbanks cave	1.00	Not limited	
Eckley-----	30	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.18
6*: Aquolls-----	80	Very limited Frost action  Flooding  Shrink-swell Depth to saturated zone	1.00  1.00  0.50 0.48	Very limited Depth to saturated zone  Flooding  Cutbanks cave	1.00  0.80  0.10	Not rated Not rated; Surface clay percent Not rated; Sieve size, 3 to 10", > 10" Flooding Salinity  Droughty	    1.00 1.00  0.63

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
7*: Argiustolls, wet----	75	Very limited Frost action	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Very limited Salinity Droughty	1.00 0.06
8*: Argiustolls-----	30	Not limited		Somewhat limited Depth to hard bedrock Cutbanks cave	1.00 0.10	Very limited Droughty	1.00
Rock outcrop-----	30	Not rated Not rated; Fragments > 75mm Not rated; AASHTO GIN Depth to hard bedrock	1.00	Not rated Not rated; Fragments > 75mm Not rated; Taxonomic class Depth to hard bedrock	1.00	Not rated Not rated; Surface Fragments > 75mm Not rated; Sieve size, 3 to 10", > 10" Not rated; pH Depth to bedrock Droughty	1.00 1.00
9: Arvada-----	85	Not limited		Somewhat limited Cutbanks cave	0.10	Very limited Sodium content	1.00

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10: Ascalon-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
11: Ascalon-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
12: Ascalon-----	90	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
13*: Badland-----	70	Not rated Not rated; AASHTO GIN		Not rated Not rated; Taxonomic class		Not rated Not rated; Sieve size, 3 to 10", > 10"	
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Not rated; pH	
						Depth to bedrock	1.00
						Droughty	1.00
14: Bankard-----	80	Very limited Flooding	1.00	Very limited Cutbanks cave Flooding	1.00 0.80	Very limited Flooding Droughty Too sandy	1.00 1.00 0.50

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
15: Bayard-----	65	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Canyon-----	30	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock Cutbanks cave	1.00 0.10	Very limited Depth to bedrock Droughty Content of large stones Gravel content	1.00 1.00 0.20 0.09
16: Bridgeport-----	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
17: Canyon-----	75	Very limited Depth to hard bedrock Slope	1.00 0.84	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 0.84 0.10	Very limited Depth to bedrock Droughty Slope Content of large stones Gravel content	1.00 1.00 0.84 0.20 0.09

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
18: Chappell-----	85	Very limited Flooding	1.00	Very limited Cutbanks cave Flooding	1.00 0.60	Somewhat limited Flooding Droughty	0.60 0.01
19: Colby-----	85	Somewhat limited Slope	0.84	Somewhat limited Slope Cutbanks cave	0.84 0.10	Somewhat limited Slope	0.84
20: Dacono-----	85	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
21: Dailey-----	90	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.69
22: Dailey-----	85	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.69
23: Dailey, thick surface-----	80	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.26

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
24: Dix-----	50	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Droughty Gravel content	1.00 0.99 0.25
Altvan-----	30	Somewhat limited Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope	0.63
25: Dix-----	50	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00 1.00	Very limited Slope Droughty Gravel content	1.00 0.99 0.25
Eckley-----	30	Somewhat limited Slope	0.16	Very limited Cutbanks cave Slope	1.00 0.16	Somewhat limited Droughty Slope	0.31 0.16
26: Els-----	85	Very limited Frost action Flooding	1.00 1.00	Very limited Cutbanks cave Depth to saturated zone Flooding	1.00 1.00 0.60	Somewhat limited Flooding Droughty	0.60 0.02

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
27: Epping-----	90	Somewhat limited Depth to soft bedrock	1.00	Very limited Depth to soft bedrock Cutbanks cave	1.00 0.10	Very limited Depth to bedrock Droughty	1.00 1.00
28*: Fluvaquentic Haplaquolls-----	90	Very limited Flooding Depth to saturated zone Frost action	1.00 1.00 0.50	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.80	Not rated Not rated; Surface clay percent Not rated; Surface Fragments > 75mm Not rated; Sieve size, 3 to 10", > 10" Not rated; pH Flooding	1.00 1.00

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
29*: Fluvaquents-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Cutbanks cave	1.00	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Flooding	0.80	Droughty	0.26
						Salinity	0.01
						Content of large stones	0.01
30: Glenberg-----	90	Very limited Flooding	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
				Cutbanks cave	0.10		
31: Gravel pits-----	95	Not rated Not rated; Fragments > 75mm		Not rated Not rated; Fragments > 75mm		Not rated Not rated; Surface Fragments > 75mm	
		Not rated; AASHTO GIN		Not rated; Taxonomic class		Not rated; Sieve size, 3 to 10", > 10"	
						Not rated; pH	
						Droughty	1.00
						Too sandy	0.50

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
32: Haverson-----	87	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
33: Haverson-----	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
34: Haverson, frequently flooded-----	85	Very limited Flooding	1.00	Somewhat limited Flooding Cutbanks cave	0.80 0.10	Very limited Flooding	1.00
35: Haverson, saline----	85	Very limited Flooding	1.00	Somewhat limited Flooding Cutbanks cave	0.60 0.10	Somewhat limited Flooding	0.60
36: Haxtun-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
37: Haxtun-----	80	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
38: Haxtun-----	80	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
39: Hayford-----	80	Very limited Shrink-swell Frost action	1.00 0.50	Very limited Cutbanks cave Depth to saturated zone Too clayey	1.00 1.00 0.03	Not limited	
40: Hayford, saline-----	80	Very limited Shrink-swell Frost action	1.00 0.50	Very limited Cutbanks cave Depth to saturated zone Too clayey	1.00 1.00 0.03	Not limited	
41: Heldt-----	90	Very limited Shrink-swell	1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
42: Heldt, saline-----	90	Very limited Shrink-swell	1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
43: Iliff-----	75	Somewhat limited Shrink-swell	0.50	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.42
		Frost action Depth to hard bedrock	0.50 0.42	Cutbanks cave	0.10		
44: Julesburg-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
45: Julesburg-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
46: Julesburg-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
47: Julesburg-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
48: Julesburg-----	90	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
49: Julesburg-----	55	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Eckley-----	35	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Gravel content Droughty	0.32 0.18
50: Keith-----	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
51: Kim-----	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
52: Kuma-----	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
53: Kutch-----	90	Somewhat limited Shrink-swell Frost action	0.50 0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock Content of large stones	0.42 0.01

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
54: Kutch-----	95	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to soft bedrock	0.42	Somewhat limited Depth to bedrock	0.42
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.01
55: Lebsack-----	80	Very limited Shrink-swell	1.00	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
56: Lebsack, saline-----	80	Very limited Shrink-swell Frost action	1.00 0.50	Somewhat limited Cutbanks cave Depth to saturated zone Too clayey	0.10 0.03 0.03	Somewhat limited Salinity	0.50
57: Lebsack, wet-----	80	Very limited Shrink-swell Frost action	1.00 0.50	Somewhat limited Cutbanks cave Depth to saturated zone Too clayey	0.10 0.03 0.03	Somewhat limited Salinity	0.50

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
58: Loveland-----	85	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Cutbanks cave	1.00	Depth to saturated zone	0.19
		Shrink-swell Depth to saturated zone	0.50 0.19	Flooding	0.60		
59: Manter-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
60: Manter-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
61: Manter-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
62: Manter-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
63: Manter-----	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
64: Manter, watertable--	90	Somewhat limited Frost action	0.50	Very limited Cutbanks cave Depth to saturated zone	1.00 0.61	Somewhat limited Salinity	0.01
65: Manter, wet-----	95	Somewhat limited Frost action	0.50	Very limited Cutbanks cave Depth to saturated zone	1.00 0.61	Somewhat limited Salinity	0.01
66: Manzanola-----	90	Somewhat limited Shrink-swell	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
67: Midway-----	85	Somewhat limited Depth to soft bedrock Slope	1.00 0.84	Very limited Depth to soft bedrock Slope Cutbanks cave	1.00 0.84 0.10	Very limited Depth to bedrock Droughty Slope	1.00 1.00 0.84

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
68: Mitchell-----	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
69: Mitchell-----	55	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Keota-----	35	Not limited		Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock Droughty	0.42 0.04
70: Mitchell-----	55	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Keota-----	35	Not limited		Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42
71: Mitchell-----	50	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Norka-----	40	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
72: Mosher-----	90	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone	0.35	Very limited Sodium content	1.00
		Frost action	0.50	Cutbanks cave	0.10		
73: Mosher-----	88	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone	0.35	Very limited Too clayey	1.00
		Frost action	0.50	Cutbanks cave	0.10	Sodium content	1.00
74: Norka-----	90	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
75: Norka-----	50	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Ulysses-----	35	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
76: Nunn-----	90	Somewhat limited Shrink-swell	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
		Frost action	0.50				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
77: Nunn-----	90	Somewhat limited Shrink-swell Frost action	 0.50 0.50	Somewhat limited Cutbanks cave	 0.10	Not limited	
78: Nunn-----	90	Somewhat limited Shrink-swell Frost action	 0.50 0.50	Somewhat limited Cutbanks cave	 0.10	Not limited	
79: Nunn-----	90	Somewhat limited Shrink-swell Frost action	 0.50 0.50	Somewhat limited Cutbanks cave	 0.10	Not limited	
80: Nunn-----	90	Somewhat limited Shrink-swell Frost action	 0.50 0.50	Somewhat limited Cutbanks cave	 0.10	Not limited	
81: Nunn-----	90	Somewhat limited Shrink-swell Frost action	 0.50 0.50	Somewhat limited Cutbanks cave	 0.10	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
82: Nunn, watertable----	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.61 0.10	Not limited	
83: Nunn, wet-----	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.61 0.10	Not limited	
84: Olney-----	90	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
85: Olney-----	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
86: Peetz-----	85	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00 1.00	Very limited Slope Droughty Content of large stones Gravel content	1.00 0.57 0.20 0.09

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
87: Platner-----	85	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
88: Platner-----	95	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
89: Platner-----	85	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
90: Platner-----	80	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
91: Platner-----	45	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	
Rago-----	25	Somewhat limited Shrink-swell Frost action	0.50 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Dacono-----	20	Somewhat limited Shrink-swell	0.50	Very limited Cutbanks cave	1.00	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
92: Rago-----	80	Somewhat limited Shrink-swell Frost action	 0.50 0.50	Somewhat limited Cutbanks cave	 0.10	Not limited	
93: Rago-----	85	Somewhat limited Shrink-swell Frost action	 0.50 0.50	Somewhat limited Cutbanks cave	 0.10	Not limited	
94: Renohill-----	60	Very limited Shrink-swell	 1.00	Somewhat limited Depth to soft bedrock Too clayey Cutbanks cave	 0.42   0.12 0.10	Somewhat limited Depth to bedrock	 0.42
Shingle-----	20	Somewhat limited Depth to soft bedrock	 1.00	Very limited Depth to soft bedrock Cutbanks cave	 1.00   0.10	Very limited Depth to bedrock Droughty	 1.00   1.00

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
95*: Rock outcrop-----	70	Not rated Not rated; Fragments > 75mm		Not rated Not rated; Fragments > 75mm		Not rated Not rated; Surface Fragments > 75mm	
		Not rated; AASHTO GIN		Not rated; Taxonomic class		Not rated; Sieve size, 3 to 10", > 10"	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Not rated; pH	
		Slope	1.00	Slope	1.00	Depth to bedrock	1.00
						Droughty	1.00
Argiustolls-----	20	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Depth to hard bedrock	0.84	Slope	1.00	Depth to bedrock	0.84
				Cutbanks cave	0.10	Droughty	0.83
						Content of large stones	0.01

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
96: Rosebud-----	50	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42
Escabosa-----	30	Somewhat limited Frost action Depth to hard bedrock	0.50 0.42	Very limited Depth to hard bedrock Cutbanks cave	1.00 0.10	Somewhat limited Depth to bedrock Droughty	0.42 0.10
97: Rosebud-----	50	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42
Escabosa-----	30	Somewhat limited Frost action Depth to hard bedrock	0.50 0.42	Very limited Depth to hard bedrock Cutbanks cave	1.00 0.10	Somewhat limited Depth to bedrock	0.42

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
98:							
Rosebud-----	45	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42
Escabosa-----	30	Somewhat limited Frost action Depth to hard bedrock	0.50 0.42	Very limited Depth to hard bedrock Cutbanks cave	1.00 0.10	Somewhat limited Depth to bedrock	0.42
Iliff-----	20	Somewhat limited Shrink-swell Frost action Depth to hard bedrock	0.50 0.50 0.42	Very limited Depth to hard bedrock Cutbanks cave	1.00 0.10	Somewhat limited Depth to bedrock	0.42
99:							
Satanta-----	80	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
100:							
Satanta-----	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
101: Satanta-----	90	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
102: Satanta, watertable-	90	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.15 0.10	Not limited	
103: Satanta, wet-----	90	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.95 0.10	Not limited	
104: Shingle-----	90	Somewhat limited Depth to soft bedrock	1.00	Very limited Depth to soft bedrock Cutbanks cave	1.00 0.10	Very limited Depth to bedrock Droughty	1.00 1.00
105: Stoneham-----	90	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
106: Stoneham-----	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
107: Stoneham-----	90	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
108: Stoneham-----	60	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Cushman-----	35	Not limited		Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock Droughty	0.42 0.01
109: Thedalund-----	45	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock Cutbanks cave	1.00 0.42 0.10	Very limited Slope Depth to bedrock	1.00 0.42
Kim-----	30	Somewhat limited Slope	0.63	Somewhat limited Slope Cutbanks cave	0.63 0.10	Somewhat limited Slope	0.63

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
109: Shingle-----	20	Very limited Depth to soft bedrock Slope	 1.00   1.00	Very limited Depth to soft bedrock Slope Cutbanks cave	 1.00   1.00   0.10	Very limited Depth to bedrock Droughty Slope	 1.00   1.00   1.00
110: Wagonwheel-----	45	Somewhat limited Shrink-swell Frost action	 0.50   0.50	Somewhat limited Cutbanks cave	 0.10 	Not limited	
Stoneham-----	30	Somewhat limited Frost action	 0.50	Somewhat limited Cutbanks cave	 0.10	Not limited	
111: Wagonwheel-----	40	Somewhat limited Shrink-swell Frost action Slope	 0.50   0.50   0.04	Somewhat limited Cutbanks cave Slope	 0.10   0.04	Somewhat limited Slope	 0.04 
Colby-----	35	Somewhat limited Slope	 0.04	Somewhat limited Cutbanks cave Slope	 0.10   0.04	Somewhat limited Slope	 0.04 

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
112*: Ustic Torriorthents-	84	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock Cutbanks cave	1.00 1.00 0.10	Very limited Slope Droughty Depth to bedrock	1.00 1.00 1.00
113: Valent-----	95	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Too sandy Droughty	0.50 0.44
114: Valent-----	95	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Too sandy Droughty	1.00 0.50 0.44
115: Valent-----	90	Somewhat limited Slope	0.04	Very limited Cutbanks cave Slope	1.00 0.04	Somewhat limited Droughty Slope	0.17 0.04
116: Vona-----	95	Not limited		Very limited Cutbanks cave	1.00	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
117: Vona-----	95	Not limited		Very limited Cutbanks cave	1.00	Not limited	
118: Wages-----	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
119: Wages-----	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
120: Wages-----	85	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
121: Wages-----	55	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Altvan-----	25	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
122:							
Wages-----	50	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Manter-----	30	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
123:							
Wages-----	60	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Rosebud-----	30	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42
124:							
Wages-----	50	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Rosebud-----	30	Somewhat limited Frost action	0.50	Somewhat limited Depth to soft bedrock Cutbanks cave	0.42 0.10	Somewhat limited Depth to bedrock	0.42

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
125: Weld-----	80	Somewhat limited Shrink-swell Frost action	 0.50 0.50	Somewhat limited Cutbanks cave	 0.10	Not limited	
126: Weld-----	80	Somewhat limited Shrink-swell Frost action	 0.50 0.50	Somewhat limited Cutbanks cave	 0.10	Not limited	
127: Westplain-----	85	Very limited Frost action Flooding Depth to saturated zone	 1.00 1.00 0.75	Very limited Depth to saturated zone Cutbanks cave Flooding	 1.00 1.00 0.80	Very limited Flooding Depth to saturated zone Droughty Salinity	 1.00 0.75 0.22 0.13

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
128: Westplain-----	55	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Cutbanks cave	1.00	Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Flooding	0.80	Droughty	0.22
						Salinity	0.13
Alda-----	35	Very limited Frost action	1.00	Very limited Cutbanks cave	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Depth to saturated zone	0.99	Salinity	0.13
				Flooding	0.60		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
W: Water-----	100	Not rated		Not rated		Not rated	
		Not rated; Fragments > 75mm		Not rated; Fragments > 75mm		Not rated; Surface clay percent	
		Not rated; Slope		Not rated; Slope		Not rated; Slope	
		Not rated; AASHTO GIN		Not rated; Taxonomic class		Not rated; Surface Fragments > 75mm	
						Not rated; Sieve size, 3 to 10", > 10"	
						Not rated; pH	