

(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
1UB: Baile-----	40	Not Rated Not Rated; AASHTO GIN		Very limited Depth to saturated zone	1.00	Not Rated Not Rated; Surface Fragments > 75mm	
		Depth to saturated zone	1.00	Cutbanks cave	0.10	Not Rated; Sieve size, 3 to 10", > 10"	
		Frost action	1.00			Depth to saturated zone	1.00
		Shrink-swell	0.50				
Urban Land-----	35	Not rated		Not rated		Not rated	
2B: Beltsville-----	50	Not Rated Not Rated; AASHTO GIN		Very limited Cutbanks cave	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action	1.00	Depth to saturated zone	1.00		
		Depth to saturated zone	0.19				
Keyport-----	30	Not Rated Not Rated; AASHTO GIN		Very limited Cutbanks cave	1.00	Not limited	
		Frost action	1.00	Depth to saturated zone	0.99		
		Shrink-swell	0.50				
2UB: Beltsville-----	40	Not Rated Not Rated; AASHTO GIN		Very limited Cutbanks cave	1.00	Somewhat limited Depth to saturated zone	0.19
		Frost action	1.00	Depth to saturated zone	1.00		
		Depth to saturated zone	0.19				
Urban Land-----	40	Not rated		Not rated		Not rated	

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
2UC: Beltsville-----	40	Not Rated Not Rated; AASHTO GIN Frost action	1.00	Very limited Cutbanks cave	1.00	Somewhat limited Slope	0.63
		Slope Depth to saturated zone	0.63 0.19	Depth to saturated zone Slope	1.00 0.63	Depth to saturated zone	0.19
Urban Land-----	40	Not rated		Not rated		Not rated	
3UB: Urban Land-----	40	Not rated		Not rated		Not rated	
Beltsville-----	30	Not Rated Not Rated; AASHTO GIN Frost action	1.00	Very limited Cutbanks cave	1.00	Somewhat limited Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Depth to saturated zone	1.00		
Keyport-----	20	Not Rated Not Rated; AASHTO GIN Frost action Shrink-swell	1.00 0.50	Very limited Cutbanks cave	1.00	Not limited	
				Depth to saturated zone	0.99		
4UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Beltsville-----	5	Not Rated Not Rated; AASHTO GIN Frost action	1.00	Very limited Cutbanks cave	1.00	Somewhat limited Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Depth to saturated zone	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
5E: Brandywine-----	100	Not Rated Not Rated; AASHTO GIN Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Droughty	1.00 0.01
6B: Chester-----	100	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Somewhat limited Content of large stones	0.01
6UB: Chester-----	55	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Somewhat limited Content of large stones	0.01
Urban Land-----	25	Not rated		Not rated		Not rated	
7UB: Christiana-----	40	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action	0.50 0.50	Somewhat limited Too clayey Cutbanks cave	0.64 0.10	Not limited	
Urban Land-----	40	Not rated		Not rated		Not rated	
7UC: Christiana-----	50	Not Rated Not Rated; AASHTO GIN Slope Shrink-swell Frost action	0.63 0.50 0.50	Somewhat limited Too clayey Slope Cutbanks cave	0.64 0.63 0.10	Somewhat limited Slope	0.63
Urban Land-----	40	Not rated		Not rated		Not rated	

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
8UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Christiana-----	5	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action	0.50 0.50	Somewhat limited Too clayey Cutbanks cave	0.64 0.10	Not limited	
9UB: Elkton-----	40	Not Rated Not Rated; AASHTO GIN Depth to saturated zone Shrink-swell Frost action	1.00 0.50 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Very limited Depth to saturated zone	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
10: Fluvents-----	100	Not Rated Not Rated; AASHTO GIN Flooding Frost action	1.00 0.50	Somewhat limited Depth to saturated zone Flooding Cutbanks cave	0.95 0.80 0.10	Not Rated Not Rated; Taxonomic Great Group Flooding	1.00
11B: Galestown-----	100	Not Rated Not Rated; AASHTO GIN		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.89
11UB: Galestown-----	40	Not Rated Not Rated; AASHTO GIN		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.89
Urban Land-----	40	Not rated		Not rated		Not rated	

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
12A: Jackland-----	100	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action Depth to saturated zone	1.00 1.00 0.75	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.50 0.10	Somewhat limited Depth to saturated zone	0.75
12B: Jackland-----	100	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action Depth to saturated zone	1.00 1.00 0.75	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.50 0.10	Somewhat limited Depth to saturated zone	0.75
12UB: Jackland-----	45	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action Depth to saturated zone	1.00 1.00 0.75	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.50 0.10	Somewhat limited Depth to saturated zone	0.75
Urban Land-----	40	Not rated		Not rated		Not rated	
13B: Joppa-----	100	Not Rated Not Rated; AASHTO GIN		Very limited Cutbanks cave	1.00	Somewhat limited Gravel content Droughty	0.50 0.10
13C: Joppa-----	100	Not Rated Not Rated; AASHTO GIN Slope	0.63	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope Gravel content Droughty	0.63 0.50 0.10
13E: Joppa-----	100	Not Rated Not Rated; AASHTO GIN Slope	1.00	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope Gravel content Droughty	1.00 0.50 0.10

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
13UB: Joppa-----	45	Not Rated Not Rated; AASHTO GIN		Very limited Cutbanks cave	1.00	Somewhat limited Gravel content Droughty	0.50 0.10
Urban Land-----	40	Not rated		Not rated		Not rated	
13UC: Joppa-----	45	Not Rated Not Rated; AASHTO GIN Slope	0.63	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope Gravel content Droughty	0.63 0.50 0.10
Urban Land-----	40	Not rated		Not rated		Not rated	
14UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Joppa-----	5	Not Rated Not Rated; AASHTO GIN		Very limited Cutbanks cave	1.00	Somewhat limited Gravel content Droughty	0.50 0.10
15B: Keyport-----	85	Not Rated Not Rated; AASHTO GIN Frost action Shrink-swell	1.00 0.50	Very limited Cutbanks cave Depth to saturated zone	1.00 0.99	Not limited	
15UB: Keyport-----	40	Not Rated Not Rated; AASHTO GIN Frost action Shrink-swell	1.00 0.50	Very limited Cutbanks cave Depth to saturated zone	1.00 0.99	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
Urban Land-----	40	Not rated		Not rated		Not rated	
16UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Keyport-----	15	Not Rated Not Rated; AASHTO GIN Frost action Shrink-swell	1.00 0.50	Very limited Cutbanks cave Depth to saturated zone	1.00 0.99	Not limited	
17B: Legore-----	100	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
17C: Legore-----	100	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope	0.63
17E: Legore-----	100	Not Rated Not Rated; AASHTO GIN Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope	1.00
18B: Legore-----	100	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action	0.50 0.50	Very limited Cutbanks cave	1.00	Somewhat limited Content of large stones	0.88
18C: Legore-----	100	Not Rated Not Rated; AASHTO GIN Slope Shrink-swell Frost action	0.63 0.50 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Content of large stones Slope	0.88 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
18E: Legore-----	100	Not Rated Not Rated; AASHTO GIN Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell Frost action	0.50 0.50	Cutbanks cave	1.00	Content of large stones	0.88
18UB: Legore-----	40	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Urban Land-----	40	Not rated		Not rated		Not rated	
18UC: Legore-----	45	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope	0.63
Urban Land-----	35	Not rated		Not rated		Not rated	
18UE: Legore-----	45	Not Rated Not Rated; AASHTO GIN Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 1.00	Very limited Slope	1.00
Urban Land-----	35	Not rated		Not rated		Not rated	
19UB: Urban Land-----	80	Not rated		Not rated		Not rated	

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
Legore-----	5	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
19UC: Urban Land-----	80	Not rated		Not rated		Not rated	
Legore-----	5	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope	0.63
20B: Leonardtown-----	80	Not Rated Not Rated; AASHTO GIN Depth to saturated zone Frost action	1.00 1.00	Very limited Depth to saturated zone Depth to dense layer Cutbanks cave	1.00 0.50 0.10	Very limited Depth to saturated zone	1.00
20UB: Leonardtown-----	40	Not Rated Not Rated; AASHTO GIN Depth to saturated zone Frost action	1.00 1.00	Very limited Depth to saturated zone Depth to dense layer Cutbanks cave	1.00 0.50 0.10	Very limited Depth to saturated zone	1.00
Urban Land-----	40	Not rated		Not rated		Not rated	
21C: Manor-----	100	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.50	Somewhat limited Slope Cutbanks cave	0.63 0.10	Somewhat limited Slope	0.63
21E: Manor-----	100	Not Rated Not Rated; AASHTO GIN Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	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
22UB: Manor-----	40	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Urban Land-----	40	Not rated		Not rated		Not rated	
22UC: Manor-----	40	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.50	Somewhat limited Slope Cutbanks cave	0.63 0.10	Somewhat limited Slope	0.63
Urban Land-----	40	Not rated		Not rated		Not rated	
23UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Manor-----	15	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
24UB: Matapeake-----	40	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Urban Land-----	40	Not rated		Not rated		Not rated	

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
25B: Mattapex-----	100	Not Rated Not Rated; AASHTO GIN Frost action Depth to saturated zone	0.50 0.03	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.03
25UB: Mattapex-----	50	Not Rated Not Rated; AASHTO GIN Frost action Depth to saturated zone	0.50 0.03	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.03
Urban Land-----	30	Not rated		Not rated		Not rated	
26B: Montalto-----	100	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action	1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
26C: Montalto-----	100	Not Rated Not Rated; AASHTO GIN Shrink-swell Slope Frost action	1.00 0.63 0.50	Somewhat limited Slope Cutbanks cave Too clayey	0.63 0.10 0.03	Somewhat limited Slope Content of large stones	0.63 0.11
26UB: Montalto-----	40	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action	1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
Urban Land-----	40	Not rated		Not rated		Not rated	

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
26UC: Montalto-----	45	Not Rated Not Rated; AASHTO GIN Shrink-swell Slope Frost action	1.00 0.63 0.50	Somewhat limited Slope Cutbanks cave Too clayey	0.63 0.10 0.03	Somewhat limited Slope	0.63
Urban Land-----	40	Not rated		Not rated		Not rated	
27UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Montalto-----	10	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action	1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
28B: Relay-----	100	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Somewhat limited Depth to hard bedrock Cutbanks cave	0.13 0.10	Somewhat limited Content of large stones	0.11
28C: Relay-----	100	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.50	Somewhat limited Slope Depth to hard bedrock Cutbanks cave	0.63 0.13 0.10	Somewhat limited Slope Content of large stones	0.63 0.11
28E: Relay-----	100	Not Rated Not Rated; AASHTO GIN Slope Frost action	1.00 0.50	Very limited Slope Depth to hard bedrock Cutbanks cave	1.00 0.13 0.10	Very limited Slope Content of large stones	1.00 0.11
28UB: Relay-----	40	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Somewhat limited Depth to hard bedrock Cutbanks cave	0.13 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
Urban Land-----	40	Not rated		Not rated		Not rated	
28UC: Relay-----	45	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.63 0.50	Somewhat limited Slope Depth to hard bedrock Cutbanks cave	0.63 0.13 0.10	Somewhat limited Slope	0.63
Urban Land-----	35	Not rated		Not rated		Not rated	
28UE: Relay-----	45	Not Rated Not Rated; AASHTO GIN Slope Frost action	1.00 1.00 0.50	Very limited Slope Depth to hard bedrock Cutbanks cave	1.00 0.13 0.10	Very limited Slope	1.00
Urban Land-----	30	Not rated		Not rated		Not rated	
29B: Sassafras-----	100	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Very limited Cutbanks cave	1.00	Somewhat limited Gravel content Content of large stones	0.33 0.01
29C: Sassafras-----	100	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope Gravel content Content of large stones	0.63 0.33 0.01
29UB: Sassafras-----	40	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Very limited Cutbanks cave	1.00	Somewhat limited Gravel content Content of large stones	0.33 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
Urban Land-----	40	Not rated		Not rated		Not rated	
29UC: Sassafras-----	40	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope Gravel content Content of large stones	0.63 0.33 0.01
Urban Land-----	40	Not rated		Not rated		Not rated	
30B: Joppa-----	40	Not Rated Not Rated; AASHTO GIN		Very limited Cutbanks cave	1.00	Somewhat limited Gravel content Droughty	0.50 0.10
Sassafras-----	40	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Very limited Cutbanks cave	1.00	Somewhat limited Gravel content Content of large stones	0.33 0.01
31UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Sassafras-----	5	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Very limited Cutbanks cave	1.00	Somewhat limited Gravel content Content of large stones	0.33 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
32: Sulfaquepts-----	100	Not Rated Not Rated; LEP		Not Rated Not Rated; Fragments > 75mm		Not Rated Not Rated; Surface clay percent	
		Not Rated; Fragments > 75mm Not Rated; Slope		Not Rated; Slope		Not Rated; Slope	
		Not Rated; AASHTO GIN		Not Rated; Clay percent		Not Rated; Surface Fragments > 75mm	
				Not Rated; Unified		Not Rated; Sieve size, 3 to 10", > 10"	
				Not Rated; bulk density		Not Rated; pH	
33B: Sunnyside-----	40	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Christiana-----	35	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action	0.50 0.50	Somewhat limited Too clayey Cutbanks cave	0.64 0.10	Not limited	
33C: Sunnyside-----	40	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope	0.63
Christiana-----	35	Not Rated Not Rated; AASHTO GIN Slope Shrink-swell Frost action	0.63 0.50 0.50	Somewhat limited Too clayey Slope Cutbanks cave	0.64 0.63 0.10	Somewhat limited Slope	0.63
33UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Sunnyside-----	5	Not Rated Not Rated; AASHTO GIN 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
33UC: Sunnyside-----	40	Not Rated Not Rated; AASHTO GIN Slope Frost action	   0.63 0.50	Very limited Cutbanks cave  Slope	 1.00  0.63	Somewhat limited Slope	    0.63
Urban Land-----	40	Not rated		Not rated		Not rated	
34UB: Urban Land-----	40	Not rated		Not rated		Not rated	
Sunnyside-----	25	Not Rated Not Rated; AASHTO GIN Frost action	   0.50	Very limited Cutbanks cave	 1.00	Not limited	
Christiana-----	20	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action	   0.50 0.50	Somewhat limited Too clayey  Cutbanks cave	 0.64  0.10	Not limited	
34UC: Urban Land-----	40	Not rated		Not rated		Not rated	
Christiana-----	20	Not Rated Not Rated; AASHTO GIN Slope Shrink-swell Frost action	   0.63 0.50 0.50	Somewhat limited Too clayey  Slope Cutbanks cave	 0.64  0.63 0.10	Somewhat limited Slope	     0.63
Sunnyside-----	20	Not Rated Not Rated; AASHTO GIN Slope Frost action	   0.63 0.50	Very limited Cutbanks cave  Slope	 1.00  0.63	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
35B: Sunnyside-----	100	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
35C: Sunnyside-----	100	Not Rated Not Rated; AASHTO GIN Slope Frost action	0.63 0.50	Very limited Cutbanks cave Slope	1.00 0.63	Somewhat limited Slope	0.63
36UB: Sunnyside-----	40	Not Rated Not Rated; AASHTO GIN Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Urban Land-----	40	Not rated		Not rated		Not rated	
37: Sulfaquepts-----	100	Not Rated Not Rated; LEP  Not Rated; Fragments > 75mm Not Rated; Slope  Not Rated; AASHTO GIN		Not Rated Not Rated; Fragments > 75mm Not Rated; Slope Not Rated; Clay percent Not Rated; Unified Not Rated; bulk density		Not Rated Not Rated; Surface clay percent Not Rated; Slope  Not Rated; Surface Fragments > 75mm Not Rated; Sieve size, 3 to 10", > 10" Not Rated; pH	
38C: Udorthents-----	100	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action	0.50 0.50	Somewhat limited Depth to saturated zone Cutbanks cave Too clayey	0.16 0.10 0.03	Not limited	
39B: Udorthents-----	100	Not Rated Not Rated; AASHTO GIN Shrink-swell Frost action	0.50 0.50	Somewhat limited Depth to saturated zone Cutbanks cave	0.16 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
39C: Udorthents-----	100	Not Rated Not Rated; LEP		Not Rated Not Rated; Fragments > 75mm		Not Rated Not Rated; Surface clay percent	
		Not Rated; Fragments > 75mm		Not Rated; Clay percent		Not Rated; Surface Fragments > 75mm	
		Not Rated; AASHTO GIN		Not Rated; Unified		Not Rated; Sieve size, 3 to 10", > 10"	
				Not Rated; bulk density		Not Rated; pH	
				Not Rated; Taxonomic or texture class		Not Rated; AWC	
39E: Udorthents-----	100	Not Rated Not Rated; AASHTO GIN		Very limited Slope	1.00	Very limited Slope	1.00
		Slope	1.00	Depth to saturated zone	0.16		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
40B: Udorthents-----	100	Not Rated Not Rated; AASHTO GIN		Not Rated Not Rated; bulk density		Not limited	
		Shrink-swell	0.50	Depth to saturated zone	0.16		
		Frost action	0.50	Cutbanks cave	0.10		
40C: Udorthents-----	100	Not Rated Not Rated; AASHTO GIN		Not Rated Not Rated; bulk density		Somewhat limited Slope	0.63
		Slope	0.63	Slope	0.63		
		Shrink-swell	0.50	Depth to saturated zone	0.16		
		Frost action	0.50	Cutbanks cave	0.10		
40E: Udorthents-----	100	Not Rated Not Rated; AASHTO GIN		Not Rated Not Rated; bulk density		Very limited Slope	1.00
		Slope	1.00	Slope	1.00		
		Shrink-swell	0.50	Depth to saturated zone	0.16		
		Frost action	0.50	Cutbanks cave	0.10		

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
41E: Udorthents-----	100	Not Rated Not Rated; AASHTO GIN Slope	1.00	Very limited Cutbanks cave Slope Depth to saturated zone	1.00 1.00 0.95	Very limited Slope Droughty Gravel content	1.00 0.88 0.59
42: Udorthents-----	80	Not Rated Not Rated; AASHTO GIN Flooding Frost action	1.00 0.50	Somewhat limited Depth to saturated zone Flooding Cutbanks cave	0.82 0.60 0.10	Somewhat limited Flooding Gravel content	0.60 0.14
Fluvents-----	15	Not Rated Not Rated; AASHTO GIN Flooding Frost action	1.00 0.50	Somewhat limited Depth to saturated zone Flooding Cutbanks cave	0.95 0.60 0.10	Not Rated Not Rated; Taxonomic Great Group Flooding	0.60
42E: Udorthents-----	100	Not Rated Not Rated; AASHTO GIN Slope	1.00	Very limited Cutbanks cave Slope Depth to saturated zone	1.00 1.00 0.95	Very limited Slope Gravel content	1.00 0.59
43U: Urban Land-----	65	Not rated		Not rated		Not rated	
Udorthents-----	30	Not Rated Not Rated; AASHTO GIN Flooding Frost action	1.00 0.50	Somewhat limited Depth to saturated zone Flooding Cutbanks cave	0.82 0.60 0.10	Somewhat limited Flooding	0.60
44UC: Urban Land-----	100	Not rated		Not rated		Not rated	

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
45UB: Urban Land-----	40	Not rated		Not rated		Not rated	
Woodstown-----	40	Not Rated Not Rated; AASHTO GIN Frost action Depth to saturated zone	1.00 0.03	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.03
46UB: Urban Land-----	80	Not rated		Not rated		Not rated	
Woodstown-----	5	Not Rated Not Rated; AASHTO GIN Frost action Depth to saturated zone	1.00 0.03	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.03

