

Table ENG-4. - Building Site Development

Tazewell County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

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
1A:							
Allegheny	85	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
1B:							
Allegheny	85	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
2C:							
Alticrest	85	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.37	Depth to hard bedrock	1.00	Slope	0.37
		Depth to hard bedrock	0.10	Slope	0.37	Depth to bedrock	0.10
				Cutbanks cave	0.10		
2D:							
Alticrest	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.10	Slope	1.00	Depth to bedrock	0.10
				Cutbanks cave	0.10		
2E:							
Alticrest	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.10	Slope	1.00	Depth to bedrock	0.10
				Cutbanks cave	0.10		
3C:							
Berks	60	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Slope	0.37	Droughty	0.86
				Depth to soft bedrock	0.20	Slope	0.37
				Cutbanks cave	0.10	Depth to bedrock	0.21
Weikert	40	Somewhat limited		Very limited		Very limited	
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.00
		Frost action	0.50	Slope	0.37	Droughty	1.00
		Slope	0.37	Cutbanks cave	0.10	Gravel content	0.54
3D:							
Berks	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.20	Droughty	0.86
				Cutbanks cave	0.10	Depth to bedrock	0.21

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
3D:							
Weikert	40	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
3E:							
Berks	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.20	Droughty	0.86
				Cutbanks cave	0.10	Depth to bedrock	0.21
Weikert	40	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to soft bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
4E:							
Berks	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.20	Droughty	0.86
				Cutbanks cave	0.10	Depth to bedrock	0.21
Gilpin	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10	Depth to bedrock	0.10
		Frost action	0.50	Depth to soft bedrock	0.10		
4F:							
Berks	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.20	Droughty	0.86
				Cutbanks cave	0.10	Depth to bedrock	0.21
Gilpin	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10	Depth to bedrock	0.10
		Frost action	0.50	Depth to soft bedrock	0.10		
5D:							
Bland	75	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.06
		Shrink-swell	0.50	Too clayey	0.72		
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
5E:							

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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:							
Bland	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.06
		Shrink-swell	0.50	Too clayey	0.72		
Rock outcrop	15	Not Rated		Not Rated		Not Rated	
6B:							
Bland	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Depth to bedrock	0.06
		Shrink-swell	0.50	Too clayey	0.72		
		Frost action	0.50	Cutbanks cave	0.10		
6C:							
Bland	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.72	Depth to bedrock	0.06
		Frost action	0.50	Slope	0.37		
6D:							
Bland	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.06
		Shrink-swell	0.50	Too clayey	0.72		
7C:							
Botetourt	95	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Cutbanks cave	1.00	Slope	0.37
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Slope	0.37	Slope	0.37		
8D:							
Brushy	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.95	Slope	1.00	Droughty	0.95
		Frost action	0.50	Cutbanks cave	1.00	Depth to bedrock	0.95
8E:							
Brushy	90	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.95	Slope	1.00	Droughty	0.95
		Frost action	0.50	Cutbanks cave	1.00	Depth to bedrock	0.95
9D:							
Calvin	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.29
		Depth to hard bedrock	0.29	Cutbanks cave	0.10	Droughty	0.06

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
9E:							
Calvin	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.29
		Depth to hard bedrock	0.29	Cutbanks cave	0.10	Droughty	0.06
10D:							
Calvin	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.29
		Depth to hard bedrock	0.29	Cutbanks cave	0.10	Droughty	0.06
10E:							
Calvin	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.29
		Depth to hard bedrock	0.29	Cutbanks cave	0.10	Droughty	0.06
11C:							
Carbo	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Slope	0.37
		Shrink-swell	1.00	Too clayey	1.00	Depth to bedrock	0.16
		Frost action	0.50	Slope	0.37		
11D:							
Carbo	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.16
		Shrink-swell	1.00	Too clayey	1.00		
11E:							
Carbo	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.16
		Shrink-swell	1.00	Too clayey	1.00		
11F:							
Carbo	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.16
		Shrink-swell	1.00	Too clayey	1.00		
12D:							
Carbo	85	Very limited		Very limited		Very limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	1.00	Depth to bedrock	0.16
		Slope	1.00	Slope	1.00		
Rock outcrop	15	Not Rated		Not Rated		Not Rated	
12E:							

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
12E:							
Carbo	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.16
		Shrink-swell	1.00	Too clayey	1.00		
Rock outcrop	20	Not Rated		Not Rated		Not Rated	
13E:							
Carbo, karst	80	Very limited		Very limited		Very limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	1.00	Depth to bedrock	0.16
		Slope	1.00	Slope	1.00		
Rock outcrop	20	Not Rated		Not Rated		Not Rated	
14C:							
Cedarcreek	60	Very limited		Very limited		Very limited	
		Content of large stones	1.00	Content of large stones	1.00	Content of large stones	1.00
		Frost action	0.50	Slope	0.16	Slope	0.16
		Slope	0.16	Cutbanks cave	0.10	Gravel content	0.02
Alticrest	30	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.16	Depth to hard bedrock	1.00	Slope	0.16
		Depth to hard bedrock	0.10	Slope	0.16	Depth to bedrock	0.10
				Cutbanks cave	0.10		
Rock outcrop	10	Not Rated		Not Rated		Not Rated	
14E:							
Cedarcreek	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	1.00	Content of large stones	1.00	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10	Gravel content	0.02
Alticrest	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.10	Slope	1.00	Depth to bedrock	0.10
				Cutbanks cave	0.10		
Rock outcrop	10	Not Rated		Not Rated		Not Rated	
15C:							
Cedarcreek	85	Very limited		Very limited		Very limited	
		Content of large stones	1.00	Content of large stones	1.00	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10	Gravel content	0.02
Rock outcrop	15	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
15D:							
Cedarcreek	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	1.00	Content of large stones	1.00	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10	Gravel content	0.02
Rock outcrop	15	Not Rated		Not Rated		Not Rated	
15E:							
Cedarcreek	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	1.00	Content of large stones	1.00	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10	Gravel content	0.02
Rock outcrop	10	Not Rated		Not Rated		Not Rated	
16D:							
Chiswell	65	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Slope	1.00
		Depth to hard bedrock	1.00	Slope	1.00	Droughty	1.00
Litz	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to soft bedrock	0.79	Depth to bedrock	0.80
				Cutbanks cave	0.10	Droughty	0.07
16E:							
Chiswell	70	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Slope	1.00
		Depth to hard bedrock	1.00	Slope	1.00	Droughty	1.00
Litz	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to soft bedrock	0.79	Depth to bedrock	0.80
				Cutbanks cave	0.10	Droughty	0.07
16F:							
Chiswell	75	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Slope	1.00
		Depth to hard bedrock	1.00	Slope	1.00	Droughty	1.00
Litz	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to soft bedrock	0.79	Depth to bedrock	0.80
				Cutbanks cave	0.10	Droughty	0.07

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
17B:							
Coursey	90	Very limited Frost action	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Not limited	
18B:							
Craigsville	90	Very limited Flooding Content of large stones Frost action	1.00 0.95 0.50	Very limited Cutbanks cave Content of large stones Flooding	1.00 0.95 0.80	Very limited Flooding Gravel content Content of large stones	1.00 0.92 0.08
19D:							
Drypond	60	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Rock outcrop	35	Not Rated		Not Rated		Not Rated	
Wet spots	3	Not Rated		Not Rated		Not Rated	
19E:							
Drypond	60	Very limited Depth to hard bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Rock outcrop	35	Not Rated		Not Rated		Not Rated	
Wet spots	3	Not Rated		Not Rated		Not Rated	
20B:							
Frederick	90	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Very limited Too clayey Cutbanks cave	1.00 0.10	Not limited	
20C:							
Frederick	90	Very limited Shrink-swell Low strength Frost action	1.00 1.00 0.50	Very limited Too clayey Slope Cutbanks cave	1.00 0.37 0.10	Somewhat limited Slope	0.37
20D:							
Frederick	90	Very limited Slope Shrink-swell Low strength	1.00 1.00 1.00	Very limited Slope Too clayey Cutbanks cave	1.00 1.00 0.10	Very limited Slope	1.00

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
20E:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	1.00		
		Low strength	1.00	Cutbanks cave	0.10		
20F:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	1.00		
		Low strength	1.00	Cutbanks cave	0.10		
21B:							
Frederick	90	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Too clayey	1.00	Gravel content	0.68
		Low strength	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
21C:							
Frederick	90	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Too clayey	1.00	Gravel content	0.68
		Low strength	1.00	Slope	0.37	Slope	0.37
		Frost action	0.50	Cutbanks cave	0.10		
21D:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	1.00	Gravel content	0.68
		Low strength	1.00	Cutbanks cave	0.10		
21E:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	1.00	Gravel content	0.68
		Low strength	1.00	Cutbanks cave	0.10		
21F:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	1.00	Gravel content	0.68
		Low strength	1.00	Cutbanks cave	0.10		
22B:							
Frederick	90	Very limited		Very limited		Not limited	
		Shrink-swell	1.00	Too clayey	1.00		
		Low strength	1.00	Cutbanks cave	0.10		
		Frost action	0.50				

22C:

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
22C:							
Frederick	90	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Too clayey	1.00	Slope	0.37
		Low strength	1.00	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
22D:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	1.00		
		Low strength	1.00	Cutbanks cave	0.10		
22E:							
Frederick	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	1.00		
		Low strength	1.00	Cutbanks cave	0.10		
23C:							
Gilpin	60	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.10
		Slope	0.37	Depth to soft bedrock	0.10		
Berks	40	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Slope	0.37	Droughty	0.86
				Depth to soft bedrock	0.20	Slope	0.37
				Cutbanks cave	0.10	Depth to bedrock	0.21
23D:							
Gilpin	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10	Depth to bedrock	0.10
		Frost action	0.50	Depth to soft bedrock	0.10		
Berks	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.20	Droughty	0.86
				Cutbanks cave	0.10	Depth to bedrock	0.21
24C:							
Grimsley	90	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.63	Slope	0.63	Gravel content	0.92
				Cutbanks cave	0.10	Slope	0.63
						Droughty	0.20
24D:							

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
24D:							
Grimsley	90	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Gravel content Droughty	1.00 0.92 0.20
24E:							
Grimsley	90	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Gravel content Droughty	1.00 0.92 0.20
25D:							
Cedarcreek	40	Very limited Slope Content of large stones Frost action	1.00 1.00 0.50	Very limited Slope Content of large stones Depth to soft bedrock	1.00 1.00 0.20	Very limited Content of large stones Slope Depth to bedrock	1.00 1.00 0.21
Grimsley	40	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Gravel content Droughty	1.00 0.92 0.20
Berks	20	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock Cutbanks cave	1.00 0.20 0.10	Very limited Slope Droughty Depth to bedrock	1.00 0.86 0.21
25E:							
Cedarcreek	40	Very limited Slope Content of large stones Frost action	1.00 1.00 0.50	Very limited Slope Content of large stones Depth to soft bedrock	1.00 1.00 0.20	Very limited Slope Content of large stones Depth to bedrock	1.00 1.00 0.21
Grimsley	40	Very limited Slope	1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope Gravel content Droughty	1.00 0.92 0.20
Berks	20	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock Cutbanks cave	1.00 0.20 0.10	Very limited Slope Droughty Depth to bedrock	1.00 0.86 0.21
26B:							

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
26B:							
Groseclose	85	Very limited		Somewhat limited		Not limited	
		Shrink-swell	1.00	Too clayey	0.28		
		Low strength	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
26C:							
Groseclose	85	Very limited		Somewhat limited		Somewhat limited	
		Shrink-swell	1.00	Slope	0.37	Slope	0.37
		Low strength	1.00	Too clayey	0.28		
		Frost action	0.50	Cutbanks cave	0.10		
26D:							
Groseclose	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.28		
		Low strength	1.00	Cutbanks cave	0.10		
26E:							
Groseclose	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.28		
		Low strength	1.00	Cutbanks cave	0.10		
27B:							
Guernsey	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.03
		Low strength	1.00	Too clayey	0.25		
		Shrink-swell	1.00	Cutbanks cave	0.10		
27C:							
Guernsey	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Slope	0.37
		Low strength	1.00	Slope	0.37	Depth to saturated zone	0.03
		Shrink-swell	1.00	Too clayey	0.25		
28C:							
Lily	85	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Cutbanks cave	1.00	Slope	0.37
		Slope	0.37	Slope	0.37	Depth to bedrock	0.06
				Depth to soft bedrock	0.06		
28D:							
Lily	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	1.00	Depth to bedrock	0.06
				Depth to soft bedrock	0.06		
28E:							

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
28E:							
Lily	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	1.00	Depth to bedrock	0.06
				Depth to soft bedrock	0.06		
28F:							
Lily	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	1.00	Depth to bedrock	0.06
				Depth to soft bedrock	0.06		
29D:							
Lily	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	1.00	Depth to bedrock	0.06
		Frost action	0.50	Depth to soft bedrock	0.06		
29E:							
Lily	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	1.00	Depth to bedrock	0.06
		Frost action	0.50	Depth to soft bedrock	0.06		
30C:							
Madsheep	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.84	Depth to hard bedrock	1.00	Depth to bedrock	0.84
		Frost action	0.50	Slope	0.37	Droughty	0.40
		Slope	0.37	Cutbanks cave	0.10	Slope	0.37
30D:							
Madsheep	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.84	Slope	1.00	Depth to bedrock	0.84
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.40
31E:							
Madsheep	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.84	Slope	1.00	Depth to bedrock	0.84
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.40
32A:							
Melvin	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Cutbanks cave	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Flooding	0.80		
33:							

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
33: Mine dumps	100	Not Rated		Not Rated		Not Rated	
34B: Murrill	85	Very limited Low strength Frost action	1.00 0.50	Very limited Cutbanks cave Too clayey	1.00 0.01	Not limited	
34C: Murrill	85	Very limited Low strength Frost action Slope	1.00 0.50 0.37	Very limited Cutbanks cave Slope Too clayey	1.00 0.37 0.01	Somewhat limited Slope	0.37
34D: Murrill	85	Very limited Slope Low strength Frost action	1.00 1.00 0.50	Very limited Slope Cutbanks cave Too clayey	1.00 1.00 0.01	Very limited Slope	1.00
35A: Lindside	50	Very limited Frost action Flooding Low strength	1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.60 0.10	Somewhat limited Flooding Depth to saturated zone	0.60 0.03
Newark	50	Very limited Frost action Flooding Low strength	1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.60 0.10	Very limited Depth to saturated zone Flooding	1.00 0.60
36F: Newbern	65	Very limited Depth to hard bedrock Slope Frost action	1.00 1.00 0.50	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Depth to bedrock Slope Droughty	1.00 1.00 1.00
Rock outcrop	35	Not Rated		Not Rated		Not Rated	
37C: Oriskany	85	Very limited Content of large stones Frost action Slope	1.00 0.50 0.37	Very limited Content of large stones Slope Cutbanks cave	1.00 0.37 0.10	Somewhat limited Gravel content Slope Droughty	0.60 0.37 0.25
37D:							

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
37D:							
Oriskany	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	1.00	Content of large stones	1.00	Gravel content	0.60
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.25
38C:							
Oriskany	85	Very limited		Very limited		Somewhat limited	
		Content of large stones	1.00	Content of large stones	1.00	Gravel content	0.60
		Frost action	0.50	Slope	0.37	Slope	0.37
		Slope	0.37	Cutbanks cave	0.10	Droughty	0.25
38D:							
Oriskany	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	1.00	Content of large stones	1.00	Gravel content	0.60
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.25
38E:							
Oriskany	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	1.00	Content of large stones	1.00	Gravel content	0.60
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.25
39D:							
Paddyknob	75	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.79	Slope	1.00	Droughty	0.80
				Cutbanks cave	1.00	Depth to bedrock	0.80
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
39E:							
Paddyknob	75	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.79	Slope	1.00	Droughty	0.80
				Cutbanks cave	1.00	Depth to bedrock	0.80
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
40D:							
Paddyknob	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.79	Slope	1.00	Droughty	0.80
				Cutbanks cave	1.00	Depth to bedrock	0.80
40E:							

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
40E:							
Paddyknob	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.79	Slope	1.00	Droughty	0.80
				Cutbanks cave	1.00	Depth to bedrock	0.80
41A:							
Philo	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Frost action	0.50	Depth to hard bedrock	1.00	Depth to saturated zone	0.03
		Depth to saturated zone	0.03	Flooding	0.80		
42B:							
Pisgah	85	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Too clayey	0.50		
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
42C:							
Pisgah	85	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Too clayey	0.50	Slope	0.37
		Low strength	1.00	Slope	0.37		
		Shrink-swell	0.50	Cutbanks cave	0.10		
43B:							
Pisgah, karst	85	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Too clayey	0.50		
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
43C:							
Pisgah, karst	85	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Too clayey	0.50	Slope	0.37
		Low strength	1.00	Slope	0.37		
		Shrink-swell	0.50	Cutbanks cave	0.10		
44:							
Pits	100	Not Rated		Not Rated		Not Rated	
45A:							
Pope	85	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
		Flooding	0.40				
46C:							
Poplimento	60	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	1.00	Too clayey	0.32		
		Frost action	0.50	Cutbanks cave	0.10		

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
46C:							
Westmoreland	40	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Slope	0.37
		Frost action	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
46D:							
Poplimento	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.32		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Westmoreland	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Depth to hard bedrock	1.00		
		Frost action	0.50	Cutbanks cave	0.10		
47A:							
Purdy	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	1.00	Ponding	1.00
		Low strength	1.00	Ponding	1.00		
48B:							
Timberville	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Cutbanks cave	1.00	Flooding	1.00
		Low strength	1.00	Flooding	0.80		
		Frost action	0.50	Too clayey	0.32		
49C:							
Tumbling	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Frost action	0.50	Cutbanks cave	0.10		
		Slope	0.37				
49D:							
Tumbling	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
50:							
Udorthents	60	Not Rated		Not Rated		Not Rated	
Urban land	40	Not Rated		Not Rated		Not Rated	
51D:							

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
51D:							
Wallen	60	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.90	Slope	1.00	Droughty	1.00
				Cutbanks cave	0.10	Depth to bedrock	0.90
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
51E:							
Wallen	60	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.90	Slope	1.00	Droughty	1.00
				Cutbanks cave	0.10	Depth to bedrock	0.90
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
52C:							
Wallen	85	Somewhat limited		Very limited		Very limited	
		Depth to hard bedrock	0.90	Depth to hard bedrock	1.00	Droughty	1.00
		Slope	0.37	Slope	0.37	Depth to bedrock	0.90
				Cutbanks cave	0.10	Slope	0.37
52D:							
Wallen	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.90	Slope	1.00	Droughty	1.00
				Cutbanks cave	0.10	Depth to bedrock	0.90
52E:							
Wallen	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.90	Slope	1.00	Droughty	1.00
				Cutbanks cave	0.10	Depth to bedrock	0.90
53E:							
Poplimento	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.32	Depth to bedrock	0.21
		Shrink-swell	1.00	Depth to soft bedrock	0.20		
Westmoreland	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Depth to soft bedrock	0.20	Depth to bedrock	0.21
		Frost action	0.50	Cutbanks cave	0.10		
Berks	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.20	Droughty	0.86
				Cutbanks cave	0.10	Depth to bedrock	0.21

53F:

Table ENG-4. - Building Site Development - Continued

Tazewell County, Virginia

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
53F:							
Westmoreland	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Depth to soft bedrock	0.20	Depth to bedrock	0.21
		Frost action	0.50	Cutbanks cave	0.10		
Berks	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.20	Droughty	0.86
				Cutbanks cave	0.10	Depth to bedrock	0.21
Poplimento	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.32	Depth to bedrock	0.21
		Shrink-swell	1.00	Depth to soft bedrock	0.20		
54A:							
Wolfgap	85	Very limited		Very limited		Somewhat limited	
		Flooding	1.00	Cutbanks cave	1.00	Flooding	0.60
		Frost action	0.50	Flooding	0.60		
Wet spots	5	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	