

Table ENG-3. - Building Site Development

Smyth 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	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:							
Austinville	80	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell Slope	1.00 0.13
1C:							
Austinville	80	Very limited Shrink-swell Slope	1.00 0.37	Very limited Shrink-swell Slope	1.00 0.37	Very limited Slope Shrink-swell	1.00 1.00
1D:							
Austinville	80	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00
1E:							
Austinville	80	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00
2E:							
Austinville	45	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00
Rock outcrop	30	Not Rated		Not Rated		Not Rated	
3D:							
Berks	40	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.46	Very limited Slope	1.00
Weikert	35	Very limited Slope Depth to soft bedrock	1.00 1.00	Very limited Slope Depth to soft bedrock	1.00 1.00	Very limited Slope Depth to soft bedrock	1.00 1.00
4B:							
Botetourt	75	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.39 0.06	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.06	Very limited Flooding Depth to saturated zone Slope	1.00 0.39 0.13
Wet spots		Not Rated		Not Rated		Not Rated	
4C:							

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4C:							
Botetourt	75	Somewhat limited		Very limited		Very limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Slope	1.00
		Slope	0.37	Slope	0.37	Depth to saturated zone	0.39
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
Wet spots		Not Rated		Not Rated		Not Rated	
5E:							
Brushy	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
6E:							
Calvin	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.46		
7C:							
Carbo	75	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Slope	1.00
		Slope	0.37	Slope	0.37	Depth to hard bedrock	0.46
7D:							
Carbo	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
8D:							
Carbo	45	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Slope	1.00	Depth to hard bedrock	0.46
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
8E:							
Carbo	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
9E:							

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9E:							
Carbo	45	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Slope	1.00	Depth to hard bedrock	0.46
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
10C:							
Chiswell	30	Somewhat limited		Very limited		Very limited	
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Depth to soft bedrock	1.00
		Slope	0.37	Slope	0.37	Slope	1.00
		Shrink-swell	<0.01			Shrink-swell	<0.01
Litz	25	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Depth to soft bedrock	0.46	Slope	1.00
				Slope	0.37		
Groseclose	20	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.94	Shrink-swell	0.94	Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.94
10D:							
Chiswell	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Depth to soft bedrock	1.00
		Shrink-swell	<0.01			Shrink-swell	<0.01
Litz	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.46		
Groseclose	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.94	Shrink-swell	0.94	Shrink-swell	0.94
10E:							
Chiswell	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Depth to soft bedrock	1.00
		Shrink-swell	<0.01			Shrink-swell	<0.01
Litz	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to soft bedrock	0.46		
Groseclose	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.94	Shrink-swell	0.94	Shrink-swell	0.94

11D:

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11D:							
Dekalb	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
11E:							
Dekalb	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
12B:							
Derroc	80	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Content of large stones	0.79	Content of large stones	0.79	Content of large stones	0.79
13D:							
Drypond	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to hard bedrock	1.00
		Shrink-swell	<0.01			Shrink-swell	<0.01
Rock outcrop	35	Not Rated		Not Rated		Not Rated	
13E:							
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
Drypond	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to hard bedrock	1.00
		Shrink-swell	<0.01			Shrink-swell	<0.01
14:							
Dumps	100	Not Rated		Not Rated		Not Rated	
15B:							
Frederick	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
						Slope	0.13
15C:							
Frederick	80	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.50
15D:							
Frederick	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
15E:							

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15E:							
Frederick	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
15F:							
Frederick	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
16B:							
Frederick	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
						Slope	0.13
16C:							
Frederick	80	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.50
16D:							
Frederick	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
16E:							
Frederick	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
17C:							
Frederick	50	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Slope	1.00
						Shrink-swell	0.50
Urban land	40	Not Rated		Not Rated		Not Rated	
18E:							
Greenlee	75	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
19B:							
Ingle-dove	80	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Shrink-swell	0.06	Shrink-swell	0.06	Slope	0.13
						Shrink-swell	0.06
20B:							

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
20B:							
Ingle dove	50	Very limited Flooding Shrink-swell	1.00 0.06	Very limited Flooding Shrink-swell	1.00 0.06	Very limited Flooding Slope Shrink-swell	1.00 0.13 0.06
Urban land	30	Not Rated		Not Rated		Not Rated	
21D:							
Konnarock	75	Very limited Slope Depth to hard bedrock	1.00 0.46	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 0.46
21E:							
Konnarock	75	Very limited Slope Depth to hard bedrock	1.00 0.46	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 0.46
22B:							
Laidig	80	Somewhat limited Depth to thick cemented pan Shrink-swell	0.50 0.06	Very limited Depth to thick cemented pan Depth to saturated zone Shrink-swell	1.00 0.90 0.06	Somewhat limited Depth to thick cemented pan Slope Shrink-swell	0.50 0.13 0.06
22C:							
Laidig	80	Somewhat limited Depth to thick cemented pan Slope Shrink-swell	0.46 0.37 0.06	Very limited Depth to thick cemented pan Depth to saturated zone Slope	1.00 0.90 0.37	Very limited Slope Depth to thick cemented pan Shrink-swell	1.00 0.46 0.06
22D:							
Laidig	80	Very limited Slope Depth to thick cemented pan Shrink-swell	1.00 0.46 0.06	Very limited Slope Depth to thick cemented pan Depth to saturated zone	1.00 1.00 0.90	Very limited Slope Depth to thick cemented pan Shrink-swell	1.00 0.46 0.06
23C:							
Laidig	80	Somewhat limited Depth to thick cemented pan Slope Shrink-swell	0.46 0.37 0.06	Very limited Depth to thick cemented pan Depth to saturated zone Slope	1.00 0.90 0.37	Very limited Slope Depth to thick cemented pan Shrink-swell	1.00 0.46 0.06
23D:							

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23D:							
Laidig	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to thick cemented pan	0.46	Depth to thick cemented pan	1.00	Depth to thick cemented pan	0.46
		Shrink-swell	0.06	Depth to saturated zone	0.90	Shrink-swell	0.06
24C:							
Lily	75	Somewhat limited		Very limited		Very limited	
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Slope	1.00
		Slope	0.37	Slope	0.37	Depth to hard bedrock	0.46
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
24D:							
Lily	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
24E:							
Lily	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
		Shrink-swell	0.06	Shrink-swell	0.06	Shrink-swell	0.06
25A:							
Maurertown	75	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.94	Shrink-swell	0.94	Shrink-swell	0.94
26A:							
Melvin	75	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.06			Shrink-swell	0.06
27D:							
Newbern	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to hard bedrock	1.00
Westmoreland	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to hard bedrock	0.74		

27E:

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
27E:							
Newbern	40	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
Westmoreland	35	Very limited Slope	1.00	Very limited Slope Depth to hard bedrock	1.00 0.74	Very limited Slope	1.00
28:							
Pits	100	Not Rated		Not Rated		Not Rated	
29C:							
Poynor	75	Somewhat limited Slope	0.37	Somewhat limited Shrink-swell Slope	0.50 0.37	Very limited Slope	1.00
29D:							
Poynor	75	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00
29E:							
Poynor	75	Very limited Slope	1.00	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope	1.00
30F:							
Rock outcrop	60	Not Rated		Not Rated		Not Rated	
Newbern	35	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
31B:							
Shelocta	75	Not limited		Very limited Depth to hard bedrock	1.00	Somewhat limited Slope	0.13
31C:							
Shelocta	100	Somewhat limited Slope	0.37	Very limited Depth to hard bedrock Slope	1.00 0.37	Very limited Slope	1.00
31D:							
Shelocta	100	Very limited Slope	1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope	1.00
31E:							

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
31E:							
Shelocta	100	Very limited Slope	1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope	1.00
32B:							
Shottower	80	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell Slope	1.00 0.13
32C:							
Shottower	80	Very limited Shrink-swell Slope	1.00 0.37	Very limited Shrink-swell Slope	1.00 0.37	Very limited Slope Shrink-swell	1.00 1.00
32D:							
Shottower	80	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00	Very limited Slope Shrink-swell	1.00 1.00
33A:							
Sindion	75	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.07 <0.01	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 0.07 <0.01
Melvin		Not Rated		Not Rated		Not Rated	
34:							
Slickens	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
35A:							
Speedwell	80	Very limited Flooding Shrink-swell	1.00 <0.01	Very limited Flooding	1.00	Very limited Flooding Shrink-swell	1.00 <0.01
36D:							
Sylco	60	Very limited Slope Depth to hard bedrock Shrink-swell	1.00 0.46 <0.01	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock Shrink-swell	1.00 0.46 <0.01
Sylvatus	35	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
36E:							

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
36E:							
Sylco	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to hard bedrock	0.46
		Shrink-swell	<0.01			Shrink-swell	<0.01
Sylvatus	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to hard bedrock	1.00
37B:							
Tate	75	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.06	Shrink-swell	0.06	Slope	0.13
						Shrink-swell	0.06
38B:							
Timberville	75	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Shrink-swell	0.94	Shrink-swell	0.94	Shrink-swell	0.94
39B:							
Tumbling	75	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.78	Shrink-swell	0.78	Shrink-swell	0.78
						Slope	0.13
39C:							
Tumbling	75	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.78	Shrink-swell	0.78	Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.78
39D:							
Tumbling	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.78	Shrink-swell	0.78	Shrink-swell	0.78
39E:							
Tumbling	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.78	Shrink-swell	0.78	Shrink-swell	0.78
40C:							
Tumbling	75	Somewhat limited		Somewhat limited		Very limited	
		Shrink-swell	0.78	Shrink-swell	0.78	Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.78
40D:							
Tumbling	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.78	Shrink-swell	0.78	Shrink-swell	0.78
40E:							

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
40E:							
Tumbling	75	Very limited Slope Shrink-swell	1.00 0.78	Very limited Slope Shrink-swell	1.00 0.78	Very limited Slope Shrink-swell	1.00 0.78
41:							
Udorthents	60	Not Rated		Not Rated		Not Rated	
Urban land	40	Not Rated		Not Rated		Not Rated	
42E:							
Weikert	60	Very limited Slope Depth to soft bedrock	1.00 1.00	Very limited Slope Depth to soft bedrock	1.00 1.00	Very limited Slope Depth to soft bedrock	1.00 1.00
Berks	40	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.46	Very limited Slope	1.00
43B:							
Wheeling	75	Very limited Flooding Shrink-swell	1.00 <0.01	Very limited Flooding	1.00	Very limited Flooding Slope Shrink-swell	1.00 0.13 <0.01
44B:							
Wheeling	50	Very limited Flooding Shrink-swell	1.00 <0.01	Very limited Flooding	1.00	Very limited Flooding Slope Shrink-swell	1.00 0.13 <0.01
Urban land	40	Not Rated		Not Rated		Not Rated	
45A:							
Wolfgap	75	Very limited Flooding Shrink-swell	1.00 <0.01	Very limited Flooding	1.00	Very limited Flooding Shrink-swell	1.00 <0.01
46C:							
Wurno	45	Somewhat limited Slope	0.37	Somewhat limited Depth to soft bedrock Slope	0.46 0.37	Very limited Slope	1.00
Newbern	30	Very limited Depth to hard bedrock Slope	1.00 0.37	Very limited Depth to hard bedrock Slope	1.00 0.37	Very limited Depth to hard bedrock Slope	1.00 1.00
46D:							

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
46D:							
Wurno	45	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.46	Very limited Slope	1.00
Newbern	30	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
46E:							
Wurno	45	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.46	Very limited Slope	1.00
Newbern	30	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
47B:							
Wyrick	40	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
Marbie	35	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone Shrink-swell	0.95 0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
47C:							
Wyrick	40	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Shrink-swell Slope	0.50 0.37	Very limited Slope Shrink-swell	1.00 0.50
Marbie	35	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Depth to saturated zone Shrink-swell Slope	0.95 0.50 0.37	Very limited Slope Shrink-swell	1.00 0.50
47D:							
Wyrick	40	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
Marbie	35	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Depth to saturated zone Shrink-swell	1.00 0.95 0.50	Very limited Slope Shrink-swell	1.00 0.50

W:

Table ENG-3. - Building Site Development - Continued

Smyth County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		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	