

Table ENG-4. - Building Site Development

Lunenburg 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
1B2:							
Appling	80	Very limited Low strength	1.00	Very limited Cutbanks cave Too clayey	1.00 0.28	Not limited	
Worsham	3	Not Rated		Not Rated		Not Rated	
1C2:							
Appling	80	Very limited Low strength Slope	1.00 0.37	Very limited Cutbanks cave Slope Too clayey	1.00 0.37 0.28	Somewhat limited Slope	0.37
Worsham	3	Not Rated		Not Rated		Not Rated	
2C:							
Ashlar	80	Somewhat limited Depth to hard bedrock Slope	0.46 0.37	Very limited Depth to hard bedrock Cutbanks cave Slope	1.00 1.00 0.37	Somewhat limited Droughty Too sandy Depth to bedrock	0.95 0.50 0.46
2D:							
Ashlar	80	Very limited Slope Depth to hard bedrock	1.00 0.46	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 1.00	Very limited Slope Droughty Too sandy	1.00 0.95 0.50
2E:							
Ashlar	80	Very limited Slope Depth to hard bedrock	1.00 0.46	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 1.00	Very limited Slope Droughty Too sandy	1.00 0.95 0.50
3B:							
Bolling	80	Very limited Flooding Low strength Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.60 0.10	Somewhat limited Flooding Depth to saturated zone	0.60 0.19
Chewacla	3	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	
4B:							

Table ENG-4. - Building Site Development - Continued

Lunenburg 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
4B:							
Caroline	80	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Depth to saturated zone Too clayey Cutbanks cave	0.47 0.13 0.10	Not limited	
Worsham	3	Not Rated		Not Rated		Not Rated	
5B2:							
Cecil	80	Very limited Low strength	1.00	Very limited Cutbanks cave Too clayey	1.00 0.72	Not limited	
5C2:							
Cecil	85	Very limited Low strength Slope	1.00 0.37	Very limited Cutbanks cave Too clayey Slope	1.00 0.72 0.37	Somewhat limited Slope	0.37
6:							
Chewacla	30	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 1.00
Toccoa	30	Very limited Flooding	1.00	Somewhat limited Flooding Depth to saturated zone Cutbanks cave	0.80 0.73 0.10	Very limited Flooding	1.00
Augusta	20	Very limited Flooding Depth to saturated zone Low strength	1.00 0.75 0.22	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 0.75
7:							
Forestdale	80	Very limited Flooding Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Too clayey	1.00 0.80 0.28	Very limited Flooding Depth to saturated zone	1.00 0.94
Chewacla	5	Not Rated		Not Rated		Not Rated	
8B2:							

Table ENG-4. - Building Site Development - Continued

Lunenburg 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
8B2:							
Georgeville	85	Not limited		Somewhat limited		Not limited	
				Too clayey	0.50		
				Cutbanks cave	0.10		
8C2:							
Georgeville	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.37	Too clayey	0.50	Slope	0.37
				Slope	0.37		
				Cutbanks cave	0.10		
9D:							
Goldston	85	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	0.46	Slope	1.00	Droughty	1.00
10B:							
Helena	80	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Cutbanks cave	1.00	Depth to saturated zone	0.19
		Shrink-swell	1.00	Depth to saturated zone	1.00		
		Depth to saturated zone	0.19	Too clayey	0.28		
Worsham	3	Not Rated		Not Rated		Not Rated	
10C2:							
Helena	80	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Cutbanks cave	1.00	Depth to saturated zone	0.19
		Shrink-swell	1.00	Depth to saturated zone	1.00		
		Depth to saturated zone	0.19	Too clayey	0.28		
Worsham	3	Not Rated		Not Rated		Not Rated	
11B2:							
Herndon	80	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
				Cutbanks cave	0.10		
11C2:							
Herndon	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Slope	0.37	Too clayey	0.28		
				Cutbanks cave	0.10		
12B:							

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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
12B:							
Iredell	80	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	1.00		
		Depth to saturated zone	0.75	Too clayey	0.50		
12C2:							
Iredell	80	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	1.00	Slope	0.04
		Depth to saturated zone	0.75	Too clayey	0.50		
13B:							
Lignum	80	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.48
		Shrink-swell	0.50	Too clayey	0.13		
		Depth to saturated zone	0.48	Cutbanks cave	0.10		
13C2:							
Lignum	80	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.48
		Shrink-swell	0.50	Too clayey	0.13		
		Depth to saturated zone	0.48	Cutbanks cave	0.10		
14B2:							
Madison	85	Somewhat limited		Somewhat limited		Not limited	
		Low strength	0.78	Cutbanks cave	0.10		
14C2:							
Madison	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Low strength	0.78	Slope	0.37	Slope	0.37
		Slope	0.37	Cutbanks cave	0.10		
14D2:							
Madison	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	0.78	Cutbanks cave	0.10		
15B:							
Masada	80	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Too clayey	0.01		
Chewacla	3	Not Rated		Not Rated		Not Rated	

16B2:

Table ENG-4. - Building Site Development - Continued

Lunenburg 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
16B2:							
Mecklenburg	80	Very limited		Very limited		Not limited	
		Low strength	1.00	Cutbanks cave	1.00		
		Shrink-swell	0.50	Too clayey	0.50		
16C2:							
Mecklenburg	80	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Cutbanks cave	1.00	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.50		
		Slope	0.37	Slope	0.37		
16D2:							
Mecklenburg	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	1.00		
		Shrink-swell	0.50	Too clayey	0.50		
17D2:							
Nason	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Too clayey	0.03		
18B:							
Orange	80	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.28		
		Depth to saturated zone	0.19	Cutbanks cave	0.10		
Worsham	3	Not Rated		Not Rated		Not Rated	
19D2:							
Pacolet	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50		
				Cutbanks cave	0.10		
20D:							
Poindexter	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Depth to soft bedrock	0.46	Depth to bedrock	0.46
				Cutbanks cave	0.10	Droughty	0.20
20E:							
Poindexter	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Depth to soft bedrock	0.46	Depth to bedrock	0.46
				Cutbanks cave	0.10	Droughty	0.20
21D2:							

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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
21D2:							
Tatum	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.72		
		Shrink-swell	0.50	Cutbanks cave	0.10		
22B:							
Turbeville	80	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
23D2:							
Wedowee	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	0.78	Cutbanks cave	0.10		
24B:							
Worsham	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Too clayey	0.03		
Chewacla	5	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	