

Table ENG-3. - Building Site Development

Powhatan 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:							
Abell	75	Not limited		Somewhat limited Depth to saturated zone Shrink-swell	0.99 0.50	Somewhat limited Slope	0.13
Chewacla	3	Not Rated		Not Rated		Not Rated	
Partlow	3	Not Rated		Not Rated		Not Rated	
2B:							
Altavista	80	Very limited Flooding Depth to saturated zone	1.00 0.39	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 0.39
3B:							
Appling	75	Not limited		Not limited		Somewhat limited Slope	0.13
Partlow	3	Not Rated		Not Rated		Not Rated	
3C:							
Appling	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Chewacla	3	Not Rated		Not Rated		Not Rated	
Partlow	3	Not Rated		Not Rated		Not Rated	
4:							
Augusta	85	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.98
5B:							
Buncombe	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
6B2:							
Cecil	90	Not limited		Not limited		Somewhat limited Slope	0.13
6C2:							
Cecil	80	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6C2:							
Chewacla	3	Not Rated		Not Rated		Not Rated	
Partlow	3	Not Rated		Not Rated		Not Rated	
7:							
Chenneby	75	Very limited Flooding Depth to saturated zone	1.00 0.81	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 0.81
Forestdale	3	Not Rated		Not Rated		Not Rated	
Ponded soils	3	Not Rated		Not Rated		Not Rated	
8:							
Chewacla	80	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Ponded soils	5	Not Rated		Not Rated		Not Rated	
Forestdale	4	Not Rated		Not Rated		Not Rated	
9B:							
Creedmoor	90	Very limited Shrink-swell Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Shrink-swell Depth to saturated zone Slope	1.00 1.00 0.13
Partlow	3	Not Rated		Not Rated		Not Rated	
10A:							
Dogue	85	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07
10B:							
Dogue	80	Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.07	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Somewhat limited Shrink-swell Slope Depth to saturated zone	0.50 0.13 0.07
10C:							

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
10C:							
Dogue	90	Somewhat limited		Very limited		Very limited	
		Shrink-swell	0.50	Depth to saturated zone	1.00	Slope	1.00
		Slope	0.37	Shrink-swell	0.50	Shrink-swell	0.50
		Depth to saturated zone	0.07	Slope	0.37	Depth to saturated zone	0.07
11B:							
Enon	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
						Slope	0.13
11C:							
Enon	85	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Slope	0.37	Slope	0.37	Slope	1.00
12:							
Forestdale	80	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Shrink-swell	1.00	Depth to saturated zone	1.00	Shrink-swell	1.00
		Depth to saturated zone	1.00	Shrink-swell	1.00	Depth to saturated zone	1.00
Ponded soils	5	Not Rated		Not Rated		Not Rated	
13B:							
Helena	50	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to saturated zone	1.00	Shrink-swell	1.00
		Depth to saturated zone	0.98	Shrink-swell	1.00	Depth to saturated zone	0.98
						Slope	0.13
Enon	25	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
						Slope	0.13
14B:							
Kempsville	80	Not limited		Not limited		Somewhat limited	
						Slope	0.13
15B:							
Mayodan	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
						Slope	0.13
15C:							
Mayodan	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

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15C:							
Partlow	3	Not Rated		Not Rated		Not Rated	
16C:							
Pacolet	80	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Partlow	3	Not Rated		Not Rated		Not Rated	
16D:							
Pacolet	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
17D3:							
Pacolet	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
17E3:							
Pacolet	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
18B3:							
Pacolet	90	Not limited		Not limited		Somewhat limited Slope	0.13
18C3:							
Pacolet	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
19:							
Partlow	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
20:							
Pits	100	Not Rated		Not Rated		Not Rated	
21B:							
Poindexter	80	Not limited		Somewhat limited Depth to hard bedrock	0.18	Somewhat limited Slope	0.13
				Depth to soft bedrock	0.01		
21C:							
Poindexter	80	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
				Depth to hard bedrock	0.18		
				Depth to soft bedrock	0.01		
21D:							

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21D:							
Poindexter	80	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
				Depth to hard bedrock	0.18		
				Depth to soft bedrock	0.01		
21E:							
Poindexter	80	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
				Depth to hard bedrock	0.18		
				Depth to soft bedrock	0.01		
22:							
Toccoa	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
				Depth to saturated zone	0.73		
23B:							
Trenholm	80	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Shrink-swell	1.00
		Depth to saturated zone	0.39			Depth to saturated zone	0.39
						Slope	0.13
23C:							
Trenholm	80	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Shrink-swell	1.00
		Depth to saturated zone	0.39	Slope	0.37	Slope	1.00
		Slope	0.37			Depth to saturated zone	0.39
24A:							
Turbeville	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
24B2:							
Turbeville	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
						Slope	0.13
25C:							
Turbeville	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Very limited Slope	1.00
		Slope	0.37	Slope	0.37	Shrink-swell	0.50
Partlow	3	Not Rated		Not Rated		Not Rated	
25D:							

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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
25D:							
Turbeville	80	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
26:							
Udorthents	80	Not Rated		Not Rated		Not Rated	
27B:							
Wedowee	85	Not limited		Not limited		Somewhat limited Slope	0.13
27C:							
Wedowee	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Partlow	3	Not Rated		Not Rated		Not Rated	
27D:							
Wedowee	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Partlow	3	Not Rated		Not Rated		Not Rated	
DAM:							
Dam	100	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	