

Table ENG-3. - Building Site Development

Prince George 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
1A:							
Ackwater	90	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Aycock	5	Not Rated		Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated		Not Rated	
1B:							
Ackwater	90	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Aycock	5	Not Rated		Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated		Not Rated	
1C:							
Ackwater	90	Somewhat limited		Very limited		Very limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Depth to saturated zone	0.98
						Shrink-swell	0.50
Aycock	5	Not Rated		Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated		Not Rated	
2C3:							
Ackwater	90	Somewhat limited		Very limited		Very limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Depth to saturated zone	0.98
						Shrink-swell	0.50
Aycock	5	Not Rated		Not Rated		Not Rated	
Montross	5	Not Rated		Not Rated		Not Rated	
2D3:							
Ackwater	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to saturated zone	1.00	Slope	1.00
		Depth to saturated zone	0.98	Slope	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50

Table ENG-3. - Building Site Development - Continued

Prince George 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
2D3:							
Aycock	10	Not Rated		Not Rated		Not Rated	
Montross	10	Not Rated		Not Rated		Not Rated	
3:							
Argent	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Bolling	5	Not Rated		Not Rated		Not Rated	
Muckalee	5	Not Rated		Not Rated		Not Rated	
4A:							
Aycock	85	Not limited		Somewhat limited Depth to saturated zone	0.61	Not limited	
Ackwater	3	Not Rated		Not Rated		Not Rated	
Bonneau	3	Not Rated		Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated		Not Rated	
Montross	3	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
4B:							
Aycock	85	Not limited		Somewhat limited Depth to saturated zone	0.61	Not limited	
Ackwater	4	Not Rated		Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated		Not Rated	
Montross	4	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
5:							
Bojac	85	Not limited		Somewhat limited Depth to saturated zone	0.18	Not limited	
Pamunkey	8	Not Rated		Not Rated		Not Rated	
Bolling	7	Not Rated		Not Rated		Not Rated	

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Table ENG-3. - Building Site Development - Continued

Prince George 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
6:							
Bolling	90	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
Argent	5	Not Rated		Not Rated		Not Rated	
Pamunkey	5	Not Rated		Not Rated		Not Rated	
7B:							
Bonneau	85	Not limited		Somewhat limited Depth to saturated zone	0.47	Not limited	
Burrowsville	4	Not Rated		Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated		Not Rated	
Norfolk	4	Not Rated		Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated		Not Rated	
7C:							
Bonneau	85	Not limited		Somewhat limited Depth to saturated zone	0.47	Very limited Slope	1.00
Emporia	8	Not Rated		Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated		Not Rated	
8A:							
Burrowsville	80	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone Depth to thin cemented pan	1.00 0.84	Somewhat limited Depth to saturated zone	0.98
Bonneau	7	Not Rated		Not Rated		Not Rated	
Emporia	7	Not Rated		Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated		Not Rated	
8B:							
Burrowsville	80	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone Depth to thin cemented pan	1.00 0.84	Somewhat limited Depth to saturated zone	0.98

Table ENG-3. - Building Site Development - Continued

Prince George 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
8B:							
Bonneau	7	Not Rated		Not Rated		Not Rated	
Emporia	7	Not Rated		Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated		Not Rated	
9:							
Catpoint	95	Not limited		Somewhat limited Depth to saturated zone	0.18	Not limited	
Muckalee	5	Not Rated		Not Rated		Not Rated	
10:							
Chickahominy	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Newflat	8	Not Rated		Not Rated		Not Rated	
Peawick	7	Not Rated		Not Rated		Not Rated	
11B:							
Emporia	80	Not limited		Somewhat limited Depth to saturated zone	0.73	Not limited	
Bonneau	5	Not Rated		Not Rated		Not Rated	
Burrowsville	5	Not Rated		Not Rated		Not Rated	
Norfolk	5	Not Rated		Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated		Not Rated	
11C:							
Emporia	80	Not limited		Somewhat limited Depth to saturated zone	0.73	Very limited Slope	1.00
Ackwater	7	Not Rated		Not Rated		Not Rated	
Bonneau	7	Not Rated		Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated		Not Rated	
12F:							

Table ENG-3. - Building Site Development - Continued

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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
12F:							
Emporia	80	Very limited Slope	1.00	Very limited Slope Depth to saturated zone	1.00 0.73	Very limited Slope	1.00
Kinston	7	Not Rated		Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated		Not Rated	
Lynchburg	6	Not Rated		Not Rated		Not Rated	
13D:							
Emporia	45	Somewhat limited Slope	0.37	Somewhat limited Depth to saturated zone Slope	0.73 0.37	Very limited Slope	1.00
Slagle	35	Somewhat limited Depth to saturated zone Slope	0.98 0.37	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Slope Depth to saturated zone	1.00 0.98
Kinston	10	Not Rated		Not Rated		Not Rated	
Lynchburg	10	Not Rated		Not Rated		Not Rated	
14:							
Kinston	85	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
Emporia	8	Not Rated		Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated		Not Rated	
15:							
Levy	95	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00
Muckalee	5	Not Rated		Not Rated		Not Rated	
16:							
Lynchburg	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Aycock	4	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Prince George 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
16:							
Montross	4	Not Rated		Not Rated		Not Rated	
Norfolk	4	Not Rated		Not Rated		Not Rated	
Rains	4	Not Rated		Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated		Not Rated	
17:							
Lynchburg	55	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Slagle	25	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.98
Emporia	10	Not Rated		Not Rated		Not Rated	
Kinston	10	Not Rated		Not Rated		Not Rated	
18A:							
Montross	85	Somewhat limited Depth to thick cemented pan	0.80	Very limited Depth to thick cemented pan	1.00	Somewhat limited Depth to thick cemented pan	0.80
		Depth to saturated zone	0.44	Depth to saturated zone	1.00	Depth to saturated zone	0.44
Ackwater	8	Not Rated		Not Rated		Not Rated	
Aycock	7	Not Rated		Not Rated		Not Rated	
18B:							
Montross	85	Somewhat limited Depth to thick cemented pan	0.80	Very limited Depth to thick cemented pan	1.00	Somewhat limited Depth to thick cemented pan	0.80
		Depth to saturated zone	0.44	Depth to saturated zone	1.00	Depth to saturated zone	0.44
Ackwater	5	Not Rated		Not Rated		Not Rated	
Aycock	5	Not Rated		Not Rated		Not Rated	
Lynchburg	5	Not Rated		Not Rated		Not Rated	
19:							
Muckalee	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

Table ENG-3. - Building Site Development - Continued

Prince George 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
19:							
Bolling	8	Not Rated		Not Rated		Not Rated	
Levy	7	Not Rated		Not Rated		Not Rated	
20:							
Newflat	85	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	1.00 1.00
Peawick	8	Not Rated		Not Rated		Not Rated	
Chickahominy	7	Not Rated		Not Rated		Not Rated	
21:							
Norfolk	85	Not limited		Somewhat limited Depth to saturated zone	0.61	Not limited	
Bonneau	4	Not Rated		Not Rated		Not Rated	
Burrowsville	4	Not Rated		Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated		Not Rated	
22A:							
Pamunkey	85	Not limited		Not limited		Not limited	
Argent	5	Not Rated		Not Rated		Not Rated	
Bojac	5	Not Rated		Not Rated		Not Rated	
Bolling	5	Not Rated		Not Rated		Not Rated	
22B:							
Pamunkey	85	Not limited		Not limited		Not limited	
Argent	5	Not Rated		Not Rated		Not Rated	
Bojac	5	Not Rated		Not Rated		Not Rated	
Bolling	5	Not Rated		Not Rated		Not Rated	
23A:							
Peawick	85	Very limited Shrink-swell Depth to saturated zone	1.00 0.98	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.98

Table ENG-3. - Building Site Development - Continued

Prince George 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
23A:							
Chickahominy	5	Not Rated		Not Rated		Not Rated	
Newflat	5	Not Rated		Not Rated		Not Rated	
Wickham	5	Not Rated		Not Rated		Not Rated	
23B:							
Peawick	85	Very limited Shrink-swell Depth to saturated zone	1.00 0.98	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Shrink-swell Depth to saturated zone	1.00 0.98
Chickahominy	5	Not Rated		Not Rated		Not Rated	
Newflat	5	Not Rated		Not Rated		Not Rated	
Wickham	5	Not Rated		Not Rated		Not Rated	
23C:							
Peawick	85	Very limited Shrink-swell Depth to saturated zone	1.00 0.98	Very limited Depth to saturated zone Shrink-swell	1.00 1.00	Very limited Shrink-swell Slope Depth to saturated zone	1.00 1.00 0.98
Newflat	8	Not Rated		Not Rated		Not Rated	
Wickham	7	Not Rated		Not Rated		Not Rated	
24:							
Rains	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Kinston	5	Not Rated		Not Rated		Not Rated	
Lynchburg	5	Not Rated		Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated		Not Rated	
25A:							
Slagle	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
Burrowsville	3	Not Rated		Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated		Not Rated	
Lynchburg	3	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Prince George 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
25A:							
Montross	3	Not Rated		Not Rated		Not Rated	
Norfolk	3	Not Rated		Not Rated		Not Rated	
25B:							
Slagle	80	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.98
Kinston	4	Not Rated		Not Rated		Not Rated	
Montross	4	Not Rated		Not Rated		Not Rated	
Ackwater	3	Not Rated		Not Rated		Not Rated	
Bonneau	3	Not Rated		Not Rated		Not Rated	
Burrowsville	3	Not Rated		Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated		Not Rated	
25C:							
Slagle	80	Somewhat limited Depth to saturated zone	0.98	Very limited Depth to saturated zone	1.00	Very limited Slope Depth to saturated zone	1.00 0.98
Ackwater	7	Not Rated		Not Rated		Not Rated	
Bonneau	7	Not Rated		Not Rated		Not Rated	
Emporia	6	Not Rated		Not Rated		Not Rated	
26:							
Udorthents	75	Not Rated		Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated		Not Rated	
Pamunkey	4	Not Rated		Not Rated		Not Rated	
Slagle	4	Not Rated		Not Rated		Not Rated	
Wickham	4	Not Rated		Not Rated		Not Rated	
Argent	3	Not Rated		Not Rated		Not Rated	
Bolling	3	Not Rated		Not Rated		Not Rated	
Bonneau	3	Not Rated		Not Rated		Not Rated	

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Table ENG-3. - Building Site Development - Continued

Prince George 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
27:							
Udorthents	80	Not Rated		Not Rated		Not Rated	
Ackwater	3	Not Rated		Not Rated		Not Rated	
Urban Land	3	Not Rated		Not Rated		Not Rated	
Aycock	2	Not Rated		Not Rated		Not Rated	
Emporia	2	Not Rated		Not Rated		Not Rated	
Lynchburg	2	Not Rated		Not Rated		Not Rated	
Newflat	2	Not Rated		Not Rated		Not Rated	
Peawick	2	Not Rated		Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated		Not Rated	
Wickham	2	Not Rated		Not Rated		Not Rated	
28:							
Urban land	80	Not Rated		Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated		Not Rated	
Wickham	3	Not Rated		Not Rated		Not Rated	
Ackwater	2	Not Rated		Not Rated		Not Rated	
Aycock	2	Not Rated		Not Rated		Not Rated	
Emporia	2	Not Rated		Not Rated		Not Rated	
Lynchburg	2	Not Rated		Not Rated		Not Rated	
Newflat	2	Not Rated		Not Rated		Not Rated	
Peawick	2	Not Rated		Not Rated		Not Rated	
29:							
Urban land	70	Not Rated		Not Rated		Not Rated	
Udorthents	20	Not Rated		Not Rated		Not Rated	
Aycock	2	Not Rated		Not Rated		Not Rated	
Slagle	2	Not Rated		Not Rated		Not Rated	
Ackwater	1	Not Rated		Not Rated		Not Rated	
Emporia	1	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Prince George 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
29:							
Lynchburg	1	Not Rated		Not Rated		Not Rated	
Newflat	1	Not Rated		Not Rated		Not Rated	
Peawick	1	Not Rated		Not Rated		Not Rated	
Wickham	1	Not Rated		Not Rated		Not Rated	
30A:							
Wickham	90	Not limited		Not limited		Not limited	
Peawick	10	Not Rated		Not Rated		Not Rated	
30B:							
Wickham	90	Not limited		Not limited		Not limited	
Peawick	10	Not Rated		Not Rated		Not Rated	
30C:							
Wickham	80	Not limited		Not limited		Very limited Slope	1.00
Emporia	7	Not Rated		Not Rated		Not Rated	
Peawick	7	Not Rated		Not Rated		Not Rated	
Slagle	6	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	