

Table ENG-3. - Building Site Development

Spotsylvania 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	80	Not limited		Somewhat limited Depth to saturated zone	0.99	Somewhat limited Slope	0.13
Appling	7	Not Rated		Not Rated		Not Rated	
Cecil	7	Not Rated		Not Rated		Not Rated	
Partlow	6	Not Rated		Not Rated		Not Rated	
2B:							
Altavista	85	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
Wickham	8	Not Rated		Not Rated		Not Rated	
Aquults	7	Not Rated		Not Rated		Not Rated	
3B:							
Appling	80	Not limited		Not limited		Somewhat limited Slope	0.13
Abell	5	Not Rated		Not Rated		Not Rated	
Colfax	5	Not Rated		Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated		Not Rated	
Spotsylvania	5	Not Rated		Not Rated		Not Rated	
4C2:							
Appling	50	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Wedowee	35	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Colfax	5	Not Rated		Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated		Not Rated	
Partlow	5	Not Rated		Not Rated		Not Rated	
4D2:							

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
4D2:							
Appling	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Wedowee	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Louisburg	10	Not Rated		Not Rated		Not Rated	
Partlow	10	Not Rated		Not Rated		Not Rated	
5:							
Aquults	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
Faceville	10	Not Rated		Not Rated		Not Rated	
Savannah	10	Not Rated		Not Rated		Not Rated	
6:							
Aquults	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
Altavista	8	Not Rated		Not Rated		Not Rated	
Wickham	7	Not Rated		Not Rated		Not Rated	
7B:							
Aquults	40	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 Slope	1.00 1.00 0.13
Margo	40	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 0.50 0.39	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 0.50 0.39
Brockroad	5	Not Rated		Not Rated		Not Rated	
LaRoque	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	

8B:

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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:							
Bama	85	Not limited		Not limited		Somewhat limited Slope	0.13
Emporia	5	Not Rated		Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
8C:							
Bama	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Emporia	5	Not Rated		Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
9B:							
Brockroad	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
Catharpin	7	Not Rated		Not Rated		Not Rated	
Nason	7	Not Rated		Not Rated		Not Rated	
Toddstav	6	Not Rated		Not Rated		Not Rated	
10:							
Cartecay	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
Abell	5	Not Rated		Not Rated		Not Rated	
Toccoa	5	Not Rated		Not Rated		Not Rated	
Wickham	5	Not Rated		Not Rated		Not Rated	
11B:							
Catharpin	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
Brockroad	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
11B:							
Nason	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
12B:							
Cecil	80	Not limited		Not limited		Somewhat limited Slope	0.13
Abell	7	Not Rated		Not Rated		Not Rated	
Colfax	7	Not Rated		Not Rated		Not Rated	
Louisburg	6	Not Rated		Not Rated		Not Rated	
13C2:							
Cecil	45	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Pacolet	35	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Abell	4	Not Rated		Not Rated		Not Rated	
Colfax	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated		Not Rated	
Partlow	4	Not Rated		Not Rated		Not Rated	
13D2:							
Cecil	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Pacolet	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Abell	7	Not Rated		Not Rated		Not Rated	
Louisburg	7	Not Rated		Not Rated		Not Rated	
Partlow	6	Not Rated		Not Rated		Not Rated	
14B:							
Colfax	80	Very limited Depth to thin cemented pan	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to thin cemented pan	1.00
		Depth to saturated zone	1.00	Depth to thin cemented pan	1.00	Depth to saturated zone	1.00
						Slope	0.13

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
14B:							
Abell	5	Not Rated		Not Rated		Not Rated	
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Partlow	5	Not Rated		Not Rated		Not Rated	
14C:							
Colfax	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
		Depth to thick cemented pan	0.84	Depth to thick cemented pan	1.00	Slope	1.00
		Slope	0.37	Slope	0.37	Depth to thick cemented pan	0.84
Abell	5	Not Rated		Not Rated		Not Rated	
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Partlow	5	Not Rated		Not Rated		Not Rated	
15B2:							
Cullen	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
						Slope	0.13
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
15C2:							
Cullen	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
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
15D2:							

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
15D2:							
Cullen	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
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
16:							
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
Altavista	5	Not Rated		Not Rated		Not Rated	
Aquults	5	Not Rated		Not Rated		Not Rated	
Wickham	5	Not Rated		Not Rated		Not Rated	
17C:							
Dystrochrepts	50	Somewhat limited Slope	0.37	Somewhat limited Depth to saturated zone Slope	0.82 0.37	Very limited Slope	1.00
Udults	40	Somewhat limited Slope	0.37	Somewhat limited Depth to saturated zone Slope	0.82 0.37	Very limited Slope	1.00
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Udifluvents	5	Not Rated		Not Rated		Not Rated	
17D:							
Dystrochrepts	50	Very limited Slope	1.00	Very limited Slope Depth to saturated zone	1.00 0.82	Very limited Slope	1.00
Udults	40	Very limited Slope	1.00	Very limited Slope Depth to saturated zone	1.00 0.82	Very limited Slope	1.00
Fluvaquents	5	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
17D:							
Udifluvents	5	Not Rated		Not Rated		Not Rated	
17E:							
Dystochrepts	50	Very limited Slope	1.00	Very limited Slope Depth to saturated zone	1.00 0.82	Very limited Slope	1.00
Udults	40	Very limited Slope	1.00	Very limited Slope Depth to saturated zone	1.00 0.82	Very limited Slope	1.00
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Udifluvents	5	Not Rated		Not Rated		Not Rated	
18B:							
Emporia	80	Not limited		Somewhat limited Depth to saturated zone	0.73	Somewhat limited Slope	0.13
Faceville	7	Not Rated		Not Rated		Not Rated	
Goldsboro	7	Not Rated		Not Rated		Not Rated	
Mattaponi	6	Not Rated		Not Rated		Not Rated	
18C:							
Emporia	80	Somewhat limited Slope	0.37	Somewhat limited Depth to saturated zone Slope	0.73 0.37	Very limited Slope	1.00
Faceville	7	Not Rated		Not Rated		Not Rated	
Goldsboro	7	Not Rated		Not Rated		Not Rated	
Mattaponi	6	Not Rated		Not Rated		Not Rated	
19B:							
Faceville	85	Not limited		Not limited		Somewhat limited Slope	0.13
Emporia	5	Not Rated		Not Rated		Not Rated	
Goldsboro	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	

20B:

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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:							
Faceville	40	Not limited		Not limited		Somewhat limited Slope	0.13
Marlboro	40	Not limited		Not limited		Somewhat limited Slope	0.13
Emporia	7	Not Rated		Not Rated		Not Rated	
Goldsboro	7	Not Rated		Not Rated		Not Rated	
Savannah	6	Not Rated		Not Rated		Not Rated	
20C2:							
Faceville	45	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Marlboro	35	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Emporia	7	Not Rated		Not Rated		Not Rated	
Mattaponi	7	Not Rated		Not Rated		Not Rated	
Savannah	6	Not Rated		Not Rated		Not Rated	
21B:							
Faceville	45	Not limited		Not limited		Somewhat limited Slope	0.13
Varina	35	Not limited		Somewhat limited Depth to saturated zone	0.35	Somewhat limited Slope	0.13
Emporia	5	Not Rated		Not Rated		Not Rated	
Goldsboro	5	Not Rated		Not Rated		Not Rated	
Mattaponi	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
21C2:							
Faceville	45	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Varina	35	Somewhat limited Slope	0.37	Somewhat limited Slope Depth to saturated zone	0.35	Very limited Slope	1.00
Emporia	5	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
21C2:							
Goldsboro	5	Not Rated		Not Rated		Not Rated	
Mattaponi	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
22B:							
Fluvanna	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
Nason	5	Not Rated		Not Rated		Not Rated	
Orange	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
22C2:							
Fluvanna	80	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
Colfax	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Poindexter	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
22D2:							
Fluvanna	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
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Poindexter	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	

23:

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
23:							
Fluvaquents	55	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
Udifluvents	30	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding	1.00
Altavista	5	Not Rated		Not Rated		Not Rated	
Aquults	4	Not Rated		Not Rated		Not Rated	
Partlow	3	Not Rated		Not Rated		Not Rated	
Wickham	3	Not Rated		Not Rated		Not Rated	
24:							
Goldsboro	75	Not limited		Very limited Depth to saturated zone	1.00	Not limited	
Aquults	7	Not Rated		Not Rated		Not Rated	
Emporia	6	Not Rated		Not Rated		Not Rated	
Savannah	6	Not Rated		Not Rated		Not Rated	
Suffolk	6	Not Rated		Not Rated		Not Rated	
25B:							
Kempsville	80	Not limited		Not limited		Somewhat limited Slope	0.13
Bama	5	Not Rated		Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated		Not Rated	
Faceville	5	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	
25C:							
Kempsville	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Emporia	4	Not Rated		Not Rated		Not Rated	
Faceville	4	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
25C:							
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Varina	3	Not Rated		Not Rated		Not Rated	
25D:							
Kempsville	80	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Dystrochrepts	7	Not Rated		Not Rated		Not Rated	
Fluvaquents	7	Not Rated		Not Rated		Not Rated	
Udults	6	Not Rated		Not Rated		Not Rated	
26C:							
LaRoque	75	Somewhat limited Slope	0.37	Somewhat limited Slope Depth to soft bedrock	0.37 0.16	Very limited Slope	1.00
Brockroad	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
26D:							
LaRoque	75	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.16	Very limited Slope	1.00
Brockroad	5	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
26E:							
LaRoque	75	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.16	Very limited Slope	1.00
Fluvaquents	5	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
26E:							
Margo	5	Not Rated		Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
27C:							
Louisburg	75	Somewhat limited Slope	0.37	Somewhat limited Depth to soft bedrock Slope	0.74 0.37	Very limited Slope	1.00
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Pacolet	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
27D:							
Louisburg	75	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.74	Very limited Slope	1.00
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Pacolet	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
27E:							
Louisburg	75	Very limited Slope	1.00	Very limited Slope Depth to soft bedrock	1.00 0.74	Very limited Slope	1.00
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Margo	5	Not Rated		Not Rated		Not Rated	
Pacolet	5	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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:							
Toddstav	5	Not Rated		Not Rated		Not Rated	
28B:							
Margo	80	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Shrink-swell	0.50	Depth to saturated zone	1.00	Shrink-swell	0.50
		Depth to saturated zone	0.39	Shrink-swell	0.50	Depth to saturated zone	0.39
LaRoque	5	Not Rated		Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
29B:							
Masada	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
Appling	3	Not Rated		Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated		Not Rated	
Nason	3	Not Rated		Not Rated		Not Rated	
Tatum	3	Not Rated		Not Rated		Not Rated	
Turbeville	3	Not Rated		Not Rated		Not Rated	
29C2:							
Masada	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
Appling	4	Not Rated		Not Rated		Not Rated	
Cecil	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
Turbeville	4	Not Rated		Not Rated		Not Rated	
30B:							

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
30B:							
Mattaponi	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
				Depth to saturated zone	0.35	Slope	0.13
Faceville	7	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
Savannah	6	Not Rated		Not Rated		Not Rated	
31C2:							
Mattaponi	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
				Depth to saturated zone	0.35		
Faceville	7	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
Savannah	6	Not Rated		Not Rated		Not Rated	
32B:							
Nason	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
						Slope	0.13
Brockroad	7	Not Rated		Not Rated		Not Rated	
Catharpin	7	Not Rated		Not Rated		Not Rated	
LaRoque	6	Not Rated		Not Rated		Not Rated	
32C2:							
Nason	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
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
LaRoque	5	Not Rated		Not Rated		Not Rated	
Partlow	5	Not Rated		Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated		Not Rated	
32D2:							

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
32D2:							
Nason	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
Fluvaquents	7	Not Rated		Not Rated		Not Rated	
LaRoque	7	Not Rated		Not Rated		Not Rated	
Tatum	6	Not Rated		Not Rated		Not Rated	
33B:							
Orange	55	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
						Slope	0.13
Iredell	30	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
Cullen	5	Not Rated		Not Rated		Not Rated	
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	
33C2:							
Orange	55	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Shrink-swell	1.00	Shrink-swell	1.00
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Slope	1.00
						Depth to saturated zone	0.39
		Slope	0.37	Slope	0.37		
Iredell	30	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	Slope	1.00
						Depth to saturated zone	0.98
		Slope	0.37	Slope	0.37		
Cullen	5	Not Rated		Not Rated		Not Rated	
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Poindexter	5	Not Rated		Not Rated		Not Rated	

34B:

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
34B:							
Partlow	80	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		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
Abell	10	Not Rated		Not Rated		Not Rated	
Colfax	10	Not Rated		Not Rated		Not Rated	
35C:							
Poindexter	80	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Depth to hard bedrock	0.84	Slope	1.00
				Depth to soft bedrock	0.74		
				Slope	0.37		
Cullen	5	Not Rated		Not Rated		Not Rated	
Fluvanna	5	Not Rated		Not Rated		Not Rated	
Iredell	5	Not Rated		Not Rated		Not Rated	
Orange	5	Not Rated		Not Rated		Not Rated	
35D:							
Poindexter	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to hard bedrock	0.84		
				Depth to soft bedrock	0.74		
Cullen	4	Not Rated		Not Rated		Not Rated	
Fluvanna	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated		Not Rated	
Partlow	4	Not Rated		Not Rated		Not Rated	
35E:							
Poindexter	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Depth to hard bedrock	0.84		
				Depth to soft bedrock	0.74		
Fluvaquents	13	Not Rated		Not Rated		Not Rated	
Louisburg	12	Not Rated		Not Rated		Not Rated	

36A:

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
36A:							
Savannah	80	Somewhat limited Depth to saturated zone	0.39	Very limited Depth to saturated zone Depth to thin cemented pan	1.00 0.97	Somewhat limited Depth to saturated zone	0.39
Faceville	7	Not Rated		Not Rated		Not Rated	
Goldsboro	7	Not Rated		Not Rated		Not Rated	
Partlow	6	Not Rated		Not Rated		Not Rated	
36B:							
Savannah	80	Somewhat limited Depth to thick cemented pan Depth to saturated zone	0.97 0.39	Very limited Depth to thick cemented pan Depth to saturated zone	1.00 1.00	Somewhat limited Depth to thick cemented pan Depth to saturated zone Slope	0.97 0.39 0.13
Faceville	7	Not Rated		Not Rated		Not Rated	
Goldsboro	7	Not Rated		Not Rated		Not Rated	
Partlow	6	Not Rated		Not Rated		Not Rated	
37B:							
Spotsylvania	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Faceville	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	
37C:							
Spotsylvania	80	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
Appling	5	Not Rated		Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated		Not Rated	
Faceville	5	Not Rated		Not Rated		Not Rated	
Savannah	5	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
38B:							
Suffolk	80	Not limited		Not limited		Somewhat limited Slope	0.13
Aquults	10	Not Rated		Not Rated		Not Rated	
Goldsboro	10	Not Rated		Not Rated		Not Rated	
39B:							
Tatum	80	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
Abell	7	Not Rated		Not Rated		Not Rated	
Brockroad	7	Not Rated		Not Rated		Not Rated	
Catharpin	6	Not Rated		Not Rated		Not Rated	
39C2:							
Tatum	80	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
Abell	5	Not Rated		Not Rated		Not Rated	
Brockroad	5	Not Rated		Not Rated		Not Rated	
Catharpin	5	Not Rated		Not Rated		Not Rated	
Toddstav	5	Not Rated		Not Rated		Not Rated	
39D2:							
Tatum	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
Abell	7	Not Rated		Not Rated		Not Rated	
LaRoque	7	Not Rated		Not Rated		Not Rated	
Toddstav	6	Not Rated		Not Rated		Not Rated	
40:							
Tetotum variant	85	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
Wickham	8	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
40:							
Aquults	7	Not Rated		Not Rated		Not Rated	
41:							
Toccoa	85	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.73	Very limited Flooding	1.00
Abell	4	Not Rated		Not Rated		Not Rated	
Aquults	4	Not Rated		Not Rated		Not Rated	
Fluvaquents	4	Not Rated		Not Rated		Not Rated	
Wickham	3	Not Rated		Not Rated		Not Rated	
42B:							
Toddstav	85	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 0.50
LaRoque	4	Not Rated		Not Rated		Not Rated	
Margo	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Tatum	3	Not Rated		Not Rated		Not Rated	
43B:							
Turbeville	80	Not limited		Not limited		Somewhat limited Slope	0.13
Appling	4	Not Rated		Not Rated		Not Rated	
Cecil	4	Not Rated		Not Rated		Not Rated	
Masada	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
43C2:							
Turbeville	80	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Appling	4	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
43C2:							
Cecil	4	Not Rated		Not Rated		Not Rated	
Masada	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
44:							
Udorthents	100	Not Rated		Not Rated		Not Rated	
45B:							
Udorthents	50	Not Rated		Not Rated		Not Rated	
Udifluvents	35	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Slope	1.00 0.13
Goldsboro	8	Not Rated		Not Rated		Not Rated	
Aquults	7	Not Rated		Not Rated		Not Rated	
46:							
Urban land	55	Not Rated		Not Rated		Not Rated	
Udufts	45	Not limited		Somewhat limited Depth to saturated zone	0.82	Very limited Slope	1.00
47E:							
Watt	80	Very limited Slope Depth to hard bedrock Content of large stones	1.00 0.29 0.09	Very limited Slope Depth to hard bedrock Content of large stones	1.00 1.00 0.09	Very limited Slope Depth to hard bedrock Content of large stones	1.00 0.29 0.09
Brockroad	4	Not Rated		Not Rated		Not Rated	
Catharpin	4	Not Rated		Not Rated		Not Rated	
LaRoque	4	Not Rated		Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated		Not Rated	
48A:							
Wickham	80	Not limited		Not limited		Not limited	
Altavista	10	Not Rated		Not Rated		Not Rated	

Table ENG-3. - Building Site Development - Continued

Spotsylvania 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
48A:							
Aquults	10	Not Rated		Not Rated		Not Rated	
48B:							
Wickham	80	Not limited		Not limited		Somewhat limited Slope	0.13
Altavista	10	Not Rated		Not Rated		Not Rated	
Aquults	10	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	