

Table ENG-5. - Sanitary Facilities

Clarke 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	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:					
Berks	45	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Seepage	1.00
				Slope	0.92
Berks variant	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	0.92
1C:					
Berks	50	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.63	Slope	1.00
				Seepage	1.00
Berks variant	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Restricted permeability	1.00	Depth to saturated zone	1.00
2B:					
Braddock	80	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.92
2C:					
Braddock	80	Somewhat limited		Very limited	
		Slope	0.63	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
3D:					
Braddock	98	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
4:					
Buckton	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	0.50	Seepage	1.00

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5B:					
Carbo	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Seepage	1.00
				Slope	0.92
Opequon	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Seepage	1.00
				Slope	0.92
Rock outcrop	25	Not Rated		Not Rated	
5C:					
Carbo	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.63	Slope	1.00
				Seepage	1.00
Opequon	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.63	Slope	1.00
				Seepage	1.00
Rock outcrop	25	Not Rated		Not Rated	
6B:					
Cardiff	80	Very limited		Very limited	
		Restricted permeability	1.00	Seepage	1.00
		Depth to bedrock	0.78	Slope	0.92
		Content of large stones	0.60	Content of large stones	0.86
Wet spots	3	Not Rated		Not Rated	
6C:					
Cardiff	75	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to bedrock	0.78	Seepage	1.00
		Slope	0.63	Content of large stones	0.86
Wet spots	3	Not Rated		Not Rated	
7D:					
Cataska	45	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
7D:					
Cardiff	35	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
		Depth to bedrock	0.78	Content of large stones	0.86
Wet spots	3	Not Rated		Not Rated	
8D:					
Catoctin	45	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Content of large stones	0.02	Seepage	1.00
Myersville	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.78	Seepage	0.50
		Restricted permeability	0.50	Depth to soft bedrock	0.42
9D:					
Catoctin	45	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Content of large stones	0.02	Seepage	1.00
Myersville	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.78	Seepage	0.50
		Restricted permeability	0.50	Depth to soft bedrock	0.42
10:					
Chagrin	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	0.50	Seepage	0.50
		Depth to saturated zone	0.40		
11B:					
Clymer	80	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04	Seepage	0.50

12D:

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12D:					
Dekalb	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
12E:					
Dekalb	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
13D:					
Dekalb	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
13E:					
Dekalb	80	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
14C:					
Dekalb	45	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Seepage	1.00
		Slope	0.04	Slope	1.00
Hazleton	35	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to bedrock	0.27	Slope	1.00
		Slope	0.04		
15B:					
Endcav	45	Somewhat limited		Somewhat limited	
		Depth to bedrock	0.78	Slope	0.92
				Depth to hard bedrock	0.42
Dandridge	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Slope	0.92
15C:					
Endcav	45	Somewhat limited		Very limited	
		Depth to bedrock	0.78	Slope	1.00
		Slope	0.63	Depth to hard bedrock	0.42

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15C:					
Dandridge	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.63	Slope	1.00
16B:					
Fluvaquents	75	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
17B:					
Hagerstown	30	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	1.00
		Slope	0.04		
Opequon	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.04	Seepage	1.00
				Slope	1.00
Rock outcrop	25	Not Rated		Not Rated	
18:					
Hollywood	80	Somewhat limited		Not limited	
		Depth to bedrock	<0.01		
19D:					
Laidig	80	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00
20D:					
Laidig	80	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00
21B:					
Lakin	80	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
				Slope	0.92

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
22C:					
Lew	80	Very limited		Very limited	
		Content of large stones	1.00	Slope	1.00
		Slope	0.63	Content of large stones	1.00
		Restricted permeability	0.50	Seepage	0.50
22D:					
Lew	80	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Content of large stones	1.00	Content of large stones	1.00
		Restricted permeability	0.50	Seepage	0.50
23:					
Lobdell	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
Wet spots	5	Not Rated		Not Rated	
24:					
McGary	80	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Wet spots	5	Not Rated		Not Rated	
25B:					
Monongahela	75	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	0.92
26B:					
Monongahela	45	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	0.92

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26B:					
Braddock	35	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.92
26C:					
Monongahela	40	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Slope	1.00
		Slope	0.63	Depth to saturated zone	1.00
Braddock	35	Somewhat limited		Very limited	
		Slope	0.63	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
27B:					
Monongahela	50	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	0.92
Zoar	30	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	0.92
28B:					
Myersville	45	Somewhat limited		Very limited	
		Depth to bedrock	0.78	Content of large stones	1.00
		Restricted permeability	0.50	Slope	0.92
				Seepage	0.50
Catoctin	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Content of large stones	0.02	Seepage	1.00
				Slope	0.92
28C:					
Myersville	45	Somewhat limited		Very limited	
		Depth to bedrock	0.78	Slope	1.00
		Slope	0.63	Seepage	0.50
		Restricted permeability	0.50	Depth to soft bedrock	0.42

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28C:					
Catoctin	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.63	Slope	1.00
		Content of large stones	0.02	Seepage	1.00
29C:					
Myersville	45	Somewhat limited		Very limited	
		Depth to bedrock	0.78	Slope	1.00
		Slope	0.63	Seepage	0.50
		Restricted permeability	0.50	Depth to soft bedrock	0.42
Catoctin	40	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.63	Slope	1.00
		Content of large stones	0.02	Seepage	1.00
30B:					
Nicholson	50	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	0.92
Duffield	35	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.92
				Seepage	0.50
31B:					
Oaklet	80	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.92
32B:					
Oaklet	40	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.92
Carbo	35	Not Rated		Not Rated	
33B:					
Pagebrook	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.32

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
34: Pits	80	Not Rated		Not Rated	
35B: Poplimento	80	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.92
35C: Poplimento	80	Very limited Restricted permeability Slope	1.00 0.63	Very limited Slope	1.00
36B: Poplimento	75	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.92
36C: Poplimento	75	Very limited Restricted permeability Slope	1.00 0.63	Very limited Slope	1.00
37B: Poplimento	55	Very limited Restricted permeability Slope	1.00 0.04	Very limited Slope	1.00
Rock outcrop	25	Not Rated		Not Rated	
38B: Poplimento	45	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.92
Webbtown	35	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 0.92 0.50
38C: Poplimento	45	Very limited Restricted permeability Slope	1.00 0.63	Very limited Slope	1.00

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
38C:					
Webbtown	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.63	Slope	1.00
				Seepage	0.50
38D2:					
Poplimento	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
Webbtown	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	0.50
39B:					
Poplimento	45	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.92
Webbtown	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Slope	0.92
				Seepage	0.50
39C:					
Poplimento	45	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.63		
Webbtown	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.63	Slope	1.00
				Seepage	0.50
39D2:					
Poplimento	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
Webbtown	35	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	0.50
40:					
Quarries	55	Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
40: Dumps	25	Not Rated		Not Rated	
41C: Rock outcrop	55	Not Rated		Not Rated	
Catoctin	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Seepage	1.00
		Content of large stones	0.02	Slope	1.00
42C: Rock outcrop	55	Not Rated		Not Rated	
Dekalb	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Filtering capacity	1.00	Seepage	1.00
		Slope	1.00	Slope	1.00
43C: Rock outcrop	55	Not Rated		Not Rated	
Opequon	25	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Seepage	1.00
				Slope	1.00
44B: Swimley	80	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.92
				Seepage	0.50
45B: Swimley	80	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.92
				Seepage	0.50
46B: Swimley	45	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.92
				Seepage	0.50
Hagerstown	35	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.92
		Depth to bedrock	<0.01		

47B:

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
47B:					
Swimley	40	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.92
				Seepage	0.50
Hagerstown	35	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.92
		Depth to bedrock	<0.01		
47C:					
Swimley	40	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.63	Seepage	0.50
Hagerstown	35	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Slope	0.63	Seepage	1.00
		Restricted permeability	0.50		
48B:					
Swimley	50	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.92
				Seepage	0.50
Rock outcrop	25	Not Rated		Not Rated	
49B:					
Thurmont	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.92
		Depth to saturated zone	0.40	Seepage	0.50
50B:					
Thurmont	80	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.92
		Depth to saturated zone	0.40	Seepage	0.50
51B:					
Timberville	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
52B:					

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
52B:					
Udipsamments	75	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
				Slope	0.32
53:					
Udorthents	85	Not Rated		Not Rated	
54C:					
Udorthents	75	Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated	
55D:					
Udufts	50	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	0.68
Udalfs	30	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Slope	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
56:					
Weaver	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to bedrock	0.78	Seepage	0.50
57C2:					
Webbtown	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	0.04	Slope	1.00
				Seepage	0.50
Poplimento	25	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.04		
Rock outcrop	20	Not Rated		Not Rated	

57D2:

Table ENG-5. - Sanitary Facilities - Continued

Clarke County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
57D2:					
Webbtown	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	0.50
Poplimento	25	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
Rock outcrop	20	Not Rated		Not Rated	
58D:					
Weikert	50	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Berks	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
59B:					
Whiteford	80	Somewhat limited		Very limited	
		Depth to bedrock	0.78	Seepage	1.00
		Restricted permeability	0.50	Slope	0.92
				Depth to hard bedrock	0.42
NS:					
Unsurveyed	100	Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	