

Table ENG-4. - Building Site Development

Henry 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
1B:							
Ayersville	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to bedrock	0.80
				Cutbanks cave	1.00	Gravel content	0.05
				Depth to soft bedrock	0.79	Droughty	0.05
Mayodan	5	Not Rated		Not Rated		Not Rated	
Stoneville	5	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
Leaksville	2	Not Rated		Not Rated		Not Rated	
1C:							
Ayersville	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Depth to bedrock	0.80
		Slope	0.37	Cutbanks cave	1.00	Slope	0.37
				Depth to soft bedrock	0.79	Gravel content	0.05
Mayodan	5	Not Rated		Not Rated		Not Rated	
Stoneville	5	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
Leaksville	2	Not Rated		Not Rated		Not Rated	
2B:							
Buckhall	95	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
		Frost action	0.50				
Clifford	5	Not Rated		Not Rated		Not Rated	
2C:							
Buckhall	95	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
Clifford	5	Not Rated		Not Rated		Not Rated	
3E:							

Table ENG-4. - Building Site Development - Continued

Henry 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
3E:							
Buffstat	55	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10	Content of large stones	0.08
		Shrink-swell	0.50				
Bugley	40	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	0.10	Droughty	1.00
Clifford	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	2	Not Rated		Not Rated		Not Rated	
Littlejoe	1	Not Rated		Not Rated		Not Rated	
4B:							
Clifford	90	Somewhat limited		Somewhat limited		Not limited	
		Shrink-swell	0.50	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
		Low strength	<0.01				
Minnieville	5	Not Rated		Not Rated		Not Rated	
Dyke	3	Not Rated		Not Rated		Not Rated	
Delanco	2	Not Rated		Not Rated		Not Rated	
4C:							
Clifford	90	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Slope	0.37	Slope	0.37
		Frost action	0.50	Too clayey	0.13		
		Slope	0.37	Cutbanks cave	0.10		
Minnieville	5	Not Rated		Not Rated		Not Rated	
Dyke	3	Not Rated		Not Rated		Not Rated	
Delanco	2	Not Rated		Not Rated		Not Rated	
4D:							
Clifford	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
Minnieville	3	Not Rated		Not Rated		Not Rated	
Dyke	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Henry 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
4D:							
Spriggs	2	Not Rated		Not Rated		Not Rated	
Delanco	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
4E:							
Clifford	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
Minnieville	3	Not Rated		Not Rated		Not Rated	
Dyke	2	Not Rated		Not Rated		Not Rated	
Spriggs	2	Not Rated		Not Rated		Not Rated	
Delanco	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
5A:							
Codorus	85	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
Delanco	6	Not Rated		Not Rated		Not Rated	
Elsinboro	4	Not Rated		Not Rated		Not Rated	
Colvard	3	Not Rated		Not Rated		Not Rated	
Poorly drained soils	2	Not Rated		Not Rated		Not Rated	
6A:							
Colvard	85	Very limited Flooding	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
		Frost action	0.50	Depth to saturated zone	0.15		
				Cutbanks cave	0.10		
Poorly drained soils	5	Not Rated		Not Rated		Not Rated	
Codorus	4	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Henry 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
6A:							
Delanco	3	Not Rated		Not Rated		Not Rated	
Elsinboro	3	Not Rated		Not Rated		Not Rated	
7B:							
Creedmoor	85	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	Too clayey	0.28		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Mayodan	6	Not Rated		Not Rated		Not Rated	
Ayersville	4	Not Rated		Not Rated		Not Rated	
Leaksville	3	Not Rated		Not Rated		Not Rated	
Stoneville	2	Not Rated		Not Rated		Not Rated	
8A:							
Delanco	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.48
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
Poorly drained soils	5	Not Rated		Not Rated		Not Rated	
Codorus	4	Not Rated		Not Rated		Not Rated	
Colvard	3	Not Rated		Not Rated		Not Rated	
Elsinboro	3	Not Rated		Not Rated		Not Rated	
9B:							
Dyke	95	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.72		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
Clifford	3	Not Rated		Not Rated		Not Rated	
Minnieville	2	Not Rated		Not Rated		Not Rated	
9C:							
Dyke	95	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.72	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
Clifford	3	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Henry 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
9C:							
Minnieville	2	Not Rated		Not Rated		Not Rated	
10A:							
Elsinboro	85	Somewhat limited		Somewhat limited		Not limited	
		Frost action	0.50	Depth to saturated zone	0.16		
		Flooding	0.40	Cutbanks cave	0.10		
Colvard	5	Not Rated		Not Rated		Not Rated	
Poorly drained soils	4	Not Rated		Not Rated		Not Rated	
Codorus	3	Not Rated		Not Rated		Not Rated	
Delanco	3	Not Rated		Not Rated		Not Rated	
11A:							
Leaksville	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to hard bedrock	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Depth to saturated zone	1.00	Depth to bedrock	0.90
		Shrink-swell	1.00	Depth to soft bedrock	0.90	Droughty	0.01
Ayersville	5	Not Rated		Not Rated		Not Rated	
Stoneville	4	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
Mayodan	3	Not Rated		Not Rated		Not Rated	
12C:							
Littlejoe	95	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
Buffstat	3	Not Rated		Not Rated		Not Rated	
Bugley	2	Not Rated		Not Rated		Not Rated	
12D:							
Littlejoe	95	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Buffstat	3	Not Rated		Not Rated		Not Rated	
Bugley	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Henry 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
13B:							
Mayodan	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Stoneville	5	Not Rated		Not Rated		Not Rated	
Leaksville	4	Not Rated		Not Rated		Not Rated	
Ayersville	3	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
13C:							
Mayodan	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
Stoneville	5	Not Rated		Not Rated		Not Rated	
Leaksville	4	Not Rated		Not Rated		Not Rated	
Ayersville	3	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
14B:							
Minnieville	90	Somewhat limited		Somewhat limited		Not limited	
		Shrink-swell	0.50	Too clayey	0.50		
		Frost action	0.50	Cutbanks cave	0.10		
		Low strength	<0.01				
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	
Dyke	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
14C:							
Minnieville	90	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Too clayey	0.50	Slope	0.37
		Frost action	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Henry 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
14C:							
Dyke	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
14D:							
Minnieville	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Too clayey	0.50		
		Frost action	0.50	Cutbanks cave	0.10		
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	
Dyke	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
15C:							
Minnieville	55	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Too clayey	0.50	Slope	0.37
		Frost action	0.50	Slope	0.37		
		Slope	0.37	Cutbanks cave	0.10		
Urban land	35	Not Rated		Not Rated		Not Rated	
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	
Dyke	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
16B:							
Orenda	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
		Frost action	0.50				
Spriggs	8	Not Rated		Not Rated		Not Rated	
Minnieville	7	Not Rated		Not Rated		Not Rated	
17C:							
Orenda	75	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				

Table ENG-4. - Building Site Development - Continued

Henry 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
17C:							
Spriggs	15	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action	0.50	Depth to soft bedrock	0.46	Depth to bedrock	0.46
		Slope	0.37	Slope	0.37	Slope	0.37
				Cutbanks cave	0.10	Droughty	0.30
Minnieville	10	Not Rated		Not Rated		Not Rated	
17D:							
Orenda	55	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				
Spriggs	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to soft bedrock	0.46	Depth to bedrock	0.46
				Cutbanks cave	0.10	Droughty	0.30
Minnieville	10	Not Rated		Not Rated		Not Rated	
17E:							
Orenda	55	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				
Spriggs	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to soft bedrock	0.46	Depth to bedrock	0.46
				Cutbanks cave	0.10	Droughty	0.30
Minnieville	10	Not Rated		Not Rated		Not Rated	
18B:							
Stoneville	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Creedmoor	6	Not Rated		Not Rated		Not Rated	
Leaksville	4	Not Rated		Not Rated		Not Rated	
Ayersville	3	Not Rated		Not Rated		Not Rated	
Mayodan	2	Not Rated		Not Rated		Not Rated	
19:							
Udorthents	55	Not Rated		Not Rated		Not Rated	
Urban land	30	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Henry 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
19:							
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	
Orenda	3	Not Rated		Not Rated		Not Rated	
Minnieville	2	Not Rated		Not Rated		Not Rated	
Woolwine	2	Not Rated		Not Rated		Not Rated	
20:							
Udorthents	85	Not Rated		Not Rated		Not Rated	
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	
Orenda	3	Not Rated		Not Rated		Not Rated	
Minnieville	2	Not Rated		Not Rated		Not Rated	
Woolwine	2	Not Rated		Not Rated		Not Rated	
21B:							
Woolwine	55	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Too clayey	0.13	Depth to bedrock	0.10
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.02
		Low strength	<0.01	Depth to soft bedrock	0.10		
Clifford	40	Somewhat limited		Somewhat limited		Not limited	
		Shrink-swell	0.50	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
		Low strength	<0.01				
Minnieville	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	2	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
21C:							
Woolwine	55	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Slope	0.37	Slope	0.37
		Frost action	0.50	Too clayey	0.13	Depth to bedrock	0.10
		Slope	0.37	Cutbanks cave	0.10	Droughty	0.02
Clifford	40	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Slope	0.37	Slope	0.37
		Frost action	0.50	Too clayey	0.13		
		Slope	0.37	Cutbanks cave	0.10		

Table ENG-4. - Building Site Development - Continued

Henry 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
21C:							
Minnieville	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	2	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
21D:							
Woolwine	55	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Too clayey	0.13	Depth to bedrock	0.10
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.02
Clifford	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
Minnieville	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	2	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
21E:							
Woolwine	55	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Too clayey	0.13	Depth to bedrock	0.10
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.02
Clifford	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
Minnieville	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	2	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
22C:							
Woolwine	50	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Slope	0.37	Slope	0.37
		Frost action	0.50	Too clayey	0.13	Depth to bedrock	0.10
		Slope	0.37	Cutbanks cave	0.10	Droughty	0.02
Urban land	40	Not Rated		Not Rated		Not Rated	
Clifford	2	Not Rated		Not Rated		Not Rated	

Table ENG-4. - Building Site Development - Continued

Henry 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
22C:							
Minnieville	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	1	Not Rated		Not Rated		Not Rated	
DAM:							
Dam	100	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	