

Table ENG-4. - Building Site Development

Mathews 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
Be:							
Bertie	85	Somewhat limited Depth to saturated zone Shrink-swell	0.94 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 1.00	Somewhat limited Depth to saturated zone	0.94
Dragston	8	Not Rated		Not Rated		Not Rated	
Fallsington	7	Not Rated		Not Rated		Not Rated	
Cb:							
Coastal beach	98	Not Rated		Not Rated		Not Rated	
Tidal Marsh	2	Not Rated		Not Rated		Not Rated	
Dr:							
Dragston	85	Somewhat limited Depth to saturated zone	0.94	Very limited Depth to saturated zone Cutbanks cave	1.00 1.00	Somewhat limited Depth to saturated zone	0.94
Bertie	8	Not Rated		Not Rated		Not Rated	
Fallsington	7	Not Rated		Not Rated		Not Rated	
Ek:							
Elkton	90	Very limited Depth to saturated zone Shrink-swell Low strength	1.00 1.00 1.00	Very limited Depth to saturated zone Cutbanks cave Too clayey	1.00 1.00 0.13	Very limited Depth to saturated zone	1.00
Bertie	5	Not Rated		Not Rated		Not Rated	
Fallsington	5	Not Rated		Not Rated		Not Rated	
Fa:							
Fallsington	85	Very limited Depth to saturated zone Frost action	1.00 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 1.00	Very limited Depth to saturated zone	1.00
Elkton	8	Not Rated		Not Rated		Not Rated	
Bertie	4	Not Rated		Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated		Not Rated	

KeA:

Table ENG-4. - Building Site Development - Continued

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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
KeA:							
Kempsville	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Sassafras	8	Not Rated		Not Rated		Not Rated	
Woodstown	7	Not Rated		Not Rated		Not Rated	
KeB:							
Kempsville	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Sassafras	8	Not Rated		Not Rated		Not Rated	
Woodstown	7	Not Rated		Not Rated		Not Rated	
KtA:							
Kempsville	85	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Woodstown	8	Not Rated		Not Rated		Not Rated	
Bertie	7	Not Rated		Not Rated		Not Rated	
KyA:							
Keyport	85	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.13 0.10	Somewhat limited Depth to saturated zone	0.19
Woodstown	7	Not Rated		Not Rated		Not Rated	
Bertie	6	Not Rated		Not Rated		Not Rated	
Elkton	2	Not Rated		Not Rated		Not Rated	
KyD2:							
Keyport	85	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone Slope Cutbanks cave	1.00 0.16 0.10	Somewhat limited Depth to saturated zone Slope	0.19 0.16
Woodstown	7	Not Rated		Not Rated		Not Rated	
Bertie	6	Not Rated		Not Rated		Not Rated	
Elkton	2	Not Rated		Not Rated		Not Rated	

Ma:

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ma:							
Mixed alluvial land	90	Very limited		Not Rated		Not Rated	
		Depth to saturated zone	1.00				
		Flooding	1.00				
		Shrink-swell	0.50				
Elkton	5	Not Rated		Not Rated		Not Rated	
Fallsington	5	Not Rated		Not Rated		Not Rated	
SaA:							
Sassafras	85	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
				Depth to saturated zone	0.15		
Woodstown	7	Not Rated		Not Rated		Not Rated	
Kempsville	6	Not Rated		Not Rated		Not Rated	
Fallsington	2	Not Rated		Not Rated		Not Rated	
SaB2:							
Sassafras	85	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
				Depth to saturated zone	0.15		
Woodstown	7	Not Rated		Not Rated		Not Rated	
Kempsville	6	Not Rated		Not Rated		Not Rated	
Fallsington	2	Not Rated		Not Rated		Not Rated	
SdA:							
Sassafras	85	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
				Depth to saturated zone	0.15		
Woodstown	7	Not Rated		Not Rated		Not Rated	
Kempsville	6	Not Rated		Not Rated		Not Rated	
Fallsington	2	Not Rated		Not Rated		Not Rated	
SsD:							
Sloping sandy land	90	Somewhat limited		Not Rated		Not Rated	
		Slope	0.04				
Steep sandy land	10	Not Rated		Not Rated		Not Rated	

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
StE:							
Steep sandy land	90	Very limited Slope	1.00	Not Rated		Not Rated	
sloping sandy land	10	Not Rated		Not Rated		Not Rated	
Th:							
Tidal marsh	90	Very limited Depth to saturated zone	1.00	Not Rated		Not Rated	
		Flooding	1.00				
Tidal Marsh	8	Not Rated		Not Rated		Not Rated	
Coastal Beach	2	Not Rated		Not Rated		Not Rated	
To:							
Tidal marsh	90	Very limited Depth to saturated zone	1.00	Not Rated		Not Rated	
		Flooding	1.00				
		Low strength	1.00				
Tidal Marsh	8	Not Rated		Not Rated		Not Rated	
Coastal Beach	2	Not Rated		Not Rated		Not Rated	
W:							
Inland water	100	Not Rated		Not Rated		Not Rated	
WATER:							
Open water	100	Not Rated		Not Rated		Not Rated	
Wo:							
Woodstown	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Somewhat limited Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Depth to saturated zone	1.00		
Sassafras	8	Not Rated		Not Rated		Not Rated	
Keyport	7	Not Rated		Not Rated		Not Rated	