

Table ENG-4. - Building Site Development

Greene 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
AsC:							
Ashe	85	Somewhat limited		Very limited		Somewhat limited	
		Frost action	0.50	Depth to hard bedrock	1.00	Slope	0.37
		Slope	0.37	Slope	0.37	Content of large stones	0.01
		Depth to hard bedrock	0.01	Cutbanks cave	0.10	Depth to bedrock	0.01
AsD:							
Ashe	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Content of large stones	0.01
		Depth to hard bedrock	0.01	Cutbanks cave	0.10	Depth to bedrock	0.01
AsE:							
Ashe	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Content of large stones	0.01
		Depth to hard bedrock	0.01	Cutbanks cave	0.10	Depth to bedrock	0.01
AvD:							
Ashe	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Content of large stones	0.01
		Depth to hard bedrock	0.01	Cutbanks cave	0.10	Depth to bedrock	0.01
AvE:							
Ashe	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Content of large stones	0.01
		Depth to hard bedrock	0.01	Cutbanks cave	0.10	Depth to bedrock	0.01
BaB:							
Belvoir	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.78
		Depth to saturated zone	0.78	Depth to thin cemented pan	0.65	Depth to cemented pan	0.64
		Shrink-swell	0.50	Depth to dense layer	0.50	Droughty	0.08
Chatuge	3	Not Rated		Not Rated		Not Rated	

BcB:

Table ENG-4. - Building Site Development - Continued

Greene 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
BcB:							
Braddock	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
BcC:							
Braddock	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
BdD3:							
Braddock	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.13		
		Shrink-swell	0.50	Cutbanks cave	0.10		
BuC:							
Buckhall	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Frost action	0.50	Too clayey	0.13		
		Slope	0.37	Cutbanks cave	0.10		
BuD:							
Buckhall	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
CaE:							
Cataska	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to soft bedrock	1.00	Depth to bedrock	1.00
				Cutbanks cave	0.10	Droughty	0.98
CcE:							
Catocin	55	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.79	Slope	1.00	Depth to bedrock	0.80
		Shrink-swell	0.50	Cutbanks cave	0.10	Droughty	0.51
Rock outcrop	30	Not Rated		Not Rated		Not Rated	
CgB:							
Chatuge	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
		Flooding	1.00	Flooding	0.60	Flooding	0.60
				Cutbanks cave	0.10		

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
ChC:							
Chester	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action	0.50	Slope	0.37	Slope	0.37
		Slope	0.37	Cutbanks cave	0.10		
ChD:							
Chester	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
CmC:							
Chester	50	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action	0.50	Slope	0.37	Slope	0.37
		Slope	0.37	Cutbanks cave	0.10		
Parker	30	Somewhat limited		Very limited		Very limited	
		Frost action	0.50	Cutbanks cave	1.00	Gravel content	1.00
		Slope	0.37	Depth to hard bedrock	0.61	Droughty	0.77
				Slope	0.37	Slope	0.37
CmD:							
Chester	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Parker	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	1.00	Gravel content	1.00
				Depth to hard bedrock	0.61	Droughty	0.77
Cn:							
Codorus	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.78
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Low strength	1.00	Cutbanks cave	0.50		
Kinkora	3	Not Rated		Not Rated		Not Rated	
Cs:							
Comus	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Cutbanks cave	1.00	Flooding	1.00
		Frost action	0.50	Flooding	0.80		
Hatboro	3	Not Rated		Not Rated		Not Rated	
Cv:							

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Cv:							
Craigsville	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Cutbanks cave	1.00	Flooding	1.00
		Frost action	0.50	Flooding	0.80	Content of large stones	1.00
		Content of large stones	0.49	Content of large stones	0.49	Droughty	0.64
Hatboro	3	Not Rated		Not Rated		Not Rated	
DkB3:							
Dyke	85	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				
DkC3:							
Dyke	85	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		
EIB:							
Elioak	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
EIC:							
Elioak	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		
		Frost action	0.50	Cutbanks cave	0.10		
EnC3:							
Elioak	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		
		Frost action	0.50	Cutbanks cave	0.10		
EnD3:							
Elioak	85	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		
GIC:							
Glenelg	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action	0.50	Slope	0.37	Slope	0.37
		Slope	0.37	Cutbanks cave	0.10		

GID:

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
GID:							
Glenelg	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Hb:							
Hatboro	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Frost action	1.00	Cutbanks cave	1.00	Depth to saturated zone	1.00
		Flooding	1.00	Flooding	0.80		
Kinkora	3	Not Rated		Not Rated		Not Rated	
HzD:							
Hazel	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.03
		Depth to hard bedrock	0.03	Cutbanks cave	0.10		
HzE:							
Hazel	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.03
		Depth to hard bedrock	0.03	Cutbanks cave	0.10		
Kn:							
Kinkora	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
		Frost action	1.00	Too clayey	0.13		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Hatboro	3	Not Rated		Not Rated		Not Rated	
LeC:							
Lew	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Shrink-swell	0.50	Slope	0.37	Gravel content	0.98
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.72
		Slope	0.37			Content of large stones	0.61
LeD:							
Lew	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10	Gravel content	0.98
		Frost action	0.50			Droughty	0.72

LeE:

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LeE:							
Lew	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10	Gravel content	0.98
		Frost action	0.50			Droughty	0.72
MvB:							
Meadowville	85	Somewhat limited		Somewhat limited		Not limited	
		Low strength	0.78	Depth to saturated zone	0.61		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
Chatuge	3	Not Rated		Not Rated		Not Rated	
MxC:							
Myersville	50	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action	0.50	Slope	0.37	Slope	0.37
		Slope	0.37	Cutbanks cave	0.10	Gravel content	0.05
		Low strength	0.22			Droughty	0.01
Catoctin	35	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.79	Depth to hard bedrock	1.00	Depth to bedrock	0.80
		Shrink-swell	0.50	Slope	0.37	Droughty	0.51
		Slope	0.37	Cutbanks cave	0.10	Slope	0.37
MyD:							
Myersville	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Gravel content	0.05
		Low strength	0.22			Droughty	0.01
Catoctin	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.79	Slope	1.00	Depth to bedrock	0.80
		Shrink-swell	0.50	Cutbanks cave	0.10	Droughty	0.51
MyE:							
Myersville	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Gravel content	0.05
		Low strength	0.22			Droughty	0.01
Catoctin	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.79	Slope	1.00	Depth to bedrock	0.80
		Shrink-swell	0.50	Cutbanks cave	0.10	Droughty	0.51
PrE:							

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
PrE:							
Parker	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	1.00	Gravel content	1.00
				Depth to hard bedrock	0.61	Droughty	0.77
Sc:							
Suches	45	Very limited		Somewhat limited		Very limited	
		Flooding	1.00	Flooding	0.80	Flooding	1.00
				Depth to saturated zone	0.73		
				Cutbanks cave	0.10		
Codorus	30	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Cutbanks cave	1.00	Depth to saturated zone	0.78
		Depth to saturated zone	0.78	Flooding	0.80		
Hatboro	3	Not Rated		Not Rated		Not Rated	
Kinkora	3	Not Rated		Not Rated		Not Rated	
ThC:							
Thurmont	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Frost action	0.50	Depth to saturated zone	0.15		
		Slope	0.37	Cutbanks cave	0.10		
ThD:							
Thurmont	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Depth to saturated zone	0.15		
		Frost action	0.50	Cutbanks cave	0.10		
TvD:							
Thurmont	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Depth to saturated zone	0.15		
		Frost action	0.50	Cutbanks cave	0.10		
Ud:							
Udorthents	85	Not Rated		Not Rated		Not Rated	
UnA:							

Table ENG-4. - Building Site Development - Continued

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
UnA:							
Unison	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
UnB:							
Unison	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
UnC:							
Unison	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		
		Frost action	0.50	Cutbanks cave	0.10		