

## Table ENG-2. - Construction Materials

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 columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
<b>Be:</b>							
Bertie	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	Depth to saturated zone	0.04	Depth to saturated zone	0.04
		Too acid	0.54	Shrink-swell	>0.99	Too acid	0.98
		Water erosion	0.99				
Dragston	8	Not Rated		Not Rated		Not Rated	
Fallsington	7	Not Rated		Not Rated		Not Rated	
<b>Cb:</b>							
Coastal beach	98	Not Rated		Not Rated		Not Rated	
Tidal Marsh	2	Not Rated		Not Rated		Not Rated	
<b>Dr:</b>							
Dragston	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	Depth to saturated zone	0.04	Depth to saturated zone	0.04
		Too acid	0.50			Too acid	0.88
Bertie	8	Not Rated		Not Rated		Not Rated	
Fallsington	7	Not Rated		Not Rated		Not Rated	
<b>Ek:</b>							
Elkton	90	Poor		Poor		Poor	
		Low content of organic matter	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Shrink-swell	0.49	Too acid	0.60
Bertie	5	Not Rated		Not Rated		Not Rated	
Fallsington	5	Not Rated		Not Rated		Not Rated	
<b>Fa:</b>							
Fallsington	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.50			Too acid	0.60
						Hard to reclaim	0.97
Elkton	8	Not Rated		Not Rated		Not Rated	
Bertie	4	Not Rated		Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated		Not Rated	

**Table ENG-2. - Construction Materials - Continued**

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
<b>KeA:</b>							
Kempsville	85	Poor		Good		Fair	
		Low content of organic matter	0.00			Too acid	0.98
		Too acid	0.54				
Sassafras	8	Not Rated		Not Rated		Not Rated	
Woodstown	7	Not Rated		Not Rated		Not Rated	
<b>KeB:</b>							
Kempsville	85	Poor		Good		Fair	
		Low content of organic matter	0.00			Too acid	0.98
		Too acid	0.54				
Sassafras	8	Not Rated		Not Rated		Not Rated	
Woodstown	7	Not Rated		Not Rated		Not Rated	
<b>KtA:</b>							
Kempsville	85	Poor		Good		Fair	
		Low content of organic matter	0.00			Too acid	0.98
		Too acid	0.54				
Woodstown	8	Not Rated		Not Rated		Not Rated	
Bertie	7	Not Rated		Not Rated		Not Rated	
<b>KyA:</b>							
Keyport	85	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.45	Too Clayey	0.00
		Low content of organic matter	0.00	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.50			Too acid	0.88
Woodstown	7	Not Rated		Not Rated		Not Rated	
Bertie	6	Not Rated		Not Rated		Not Rated	
Elkton	2	Not Rated		Not Rated		Not Rated	
<b>KyD2:</b>							
Keyport	85	Fair		Fair		Fair	
		Too clayey	0.08	Depth to saturated zone	0.53	Too Clayey	0.05
		Low content of organic matter	0.13	Shrink-swell	>0.99	Depth to saturated zone	0.53
		Too acid	0.50			Slope	0.84
Woodstown	7	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
<b>KyD2:</b>							
Bertie	6	Not Rated		Not Rated		Not Rated	
Elkton	2	Not Rated		Not Rated		Not Rated	
<b>Ma:</b>							
Mixed alluvial land	90	Fair		Poor		Poor	
		Too acid	0.50	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Shrink-swell	0.87	Too acid	0.88
Elkton	5	Not Rated		Not Rated		Not Rated	
Fallsington	5	Not Rated		Not Rated		Not Rated	
<b>SaA:</b>							
Sassafras	85	Poor		Good		Fair	
		Low content of organic matter	0.00			Too acid	0.60
		Too acid	0.50				
		Water erosion	0.99				
Woodstown	7	Not Rated		Not Rated		Not Rated	
Kempsville	6	Not Rated		Not Rated		Not Rated	
Fallsington	2	Not Rated		Not Rated		Not Rated	
<b>SaB2:</b>							
Sassafras	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.60
		Too acid	0.50				
		Water erosion	0.99				
Woodstown	7	Not Rated		Not Rated		Not Rated	
Kempsville	6	Not Rated		Not Rated		Not Rated	
Fallsington	2	Not Rated		Not Rated		Not Rated	
<b>SdA:</b>							
Sassafras	85	Poor		Good		Fair	
		Wind erosion	0.00			Too acid	0.60
		Low content of organic matter	0.13				
		Too acid	0.50				
Woodstown	7	Not Rated		Not Rated		Not Rated	
Kempsville	6	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
SdA:							
Fallsington	2	Not Rated		Not Rated		Not Rated	
SsD:							
Sloping sandy land	90	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Low content of organic matter	0.13			Slope	0.96
		Droughty	0.13				
Steep sandy land	10	Not Rated		Not Rated		Not Rated	
StE:							
Steep sandy land	90	Poor		Fair		Poor	
		Too sandy	0.00	Slope	0.68	Too sandy	0.00
		Low content of organic matter	0.13			Slope	0.00
		Droughty	0.13				
sloping sandy land	10	Not Rated		Not Rated		Not Rated	
Th:							
Tidal marsh	90	Fair		Poor		Poor	
		Sodium content	0.61	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.97			Sodium content	0.61
						Salinity	0.97
Tidal Marsh	8	Not Rated		Not Rated		Not Rated	
Coastal Beach	2	Not Rated		Not Rated		Not Rated	
To:							
Tidal marsh	90	Poor		Poor		Poor	
		Sodium content	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Salinity	0.00	Low strength	0.00	Sodium content	0.00
		Too clayey	0.76	Shrink-swell	0.13	Salinity	0.00
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:							

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Wo:							
Woodstown	85	Poor		Fair		Fair	
		Low content of organic matter	0.00	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.50			Too acid	0.60
		Water erosion	0.99				
Sassafras	8	Not Rated		Not Rated		Not Rated	
Keyport	7	Not Rated		Not Rated		Not Rated	