

Table ENG-1. - Construction Materials

Fluvanna 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 greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Aa:					
Altavista	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.09
Augusta	4	Not Rated		Not Rated	
Roanoke	4	Not Rated		Not Rated	
Wickham	4	Not Rated		Not Rated	
Hiwassee	3	Not Rated		Not Rated	
Ab:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.01
Colfax	4	Not Rated		Not Rated	
Durham	4	Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated	
Ac:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.01
Cecil	5	Not Rated		Not Rated	
Colfax	5	Not Rated		Not Rated	
Durham	5	Not Rated		Not Rated	
Ad:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.01
Colfax	4	Not Rated		Not Rated	
Durham	4	Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ad:					
Cecil	3	Not Rated		Not Rated	
Ae:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.01
Louisburg	8	Not Rated		Not Rated	
Worsham	7	Not Rated		Not Rated	
Af:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.01
Colfax	5	Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	
Ag:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Colfax	4	Not Rated		Not Rated	
Durham	4	Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated	
Ah:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Colfax	4	Not Rated		Not Rated	
Durham	4	Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated	

Ak:

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ak:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Colfax	4	Not Rated		Not Rated	
Durham	4	Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated	
Al:					
Augusta	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.22
Altavista	5	Not Rated		Not Rated	
Wickham	5	Not Rated		Not Rated	
Roanoke	4	Not Rated		Not Rated	
Ba:					
Bremo	85	Not Rated		Not Rated	
Fluvanna	4	Not Rated		Not Rated	
Lloyd	4	Not Rated		Not Rated	
Orange	4	Not Rated		Not Rated	
Elbert	3	Not Rated		Not Rated	
Bb:					
Bremo	85	Not Rated		Not Rated	
Fluvanna	4	Not Rated		Not Rated	
Lloyd	4	Not Rated		Not Rated	
Orange	4	Not Rated		Not Rated	
Elbert	3	Not Rated		Not Rated	
Bc:					
Bremo	85	Not Rated		Not Rated	
Fluvanna	4	Not Rated		Not Rated	
Lloyd	4	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Bc:					
Orange	4	Not Rated		Not Rated	
Elbert	3	Not Rated		Not Rated	
Bd:					
Buncombe	85	Poor		Good	
		Bottom layer	0.00	Thickest layer	0.37
		Thickest layer	0.00		
Chewacla	8	Not Rated		Not Rated	
Congaree	7	Not Rated		Not Rated	
Ca:					
Cecil	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Appling	5	Not Rated		Not Rated	
Colfax	5	Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated	
Cb:					
Cecil	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Appling	5	Not Rated		Not Rated	
Colfax	5	Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated	
Cc:					
Cecil	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Appling	7	Not Rated		Not Rated	
Colfax	6	Not Rated		Not Rated	
Madison	2	Not Rated		Not Rated	
Cd:					
Cecil	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Cd:					
Appling	5	Not Rated		Not Rated	
Colfax	5	Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated	
Ce:					
Cecil	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Appling	5	Not Rated		Not Rated	
Colfax	5	Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated	
Cf:					
Chewacla	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Congaree	8	Not Rated		Not Rated	
Wehadkee	7	Not Rated		Not Rated	
Cg:					
Colfax	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.09
Appling	4	Not Rated		Not Rated	
Durham	4	Not Rated		Not Rated	
Vance	4	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
Ch:					
Congaree	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.08
		Thickest layer	0.00	Bottom layer	0.10
Chewacla	8	Not Rated		Not Rated	
Wehadkee	7	Not Rated		Not Rated	
Ck:					

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ck:					
Congaree	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Chewacla	8	Not Rated		Not Rated	
Wehadkee	7	Not Rated		Not Rated	
Da:					
Durham	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.08
		Thickest layer	0.00	Bottom layer	0.09
Appling	4	Not Rated		Not Rated	
Cecil	4	Not Rated		Not Rated	
Colfax	4	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
Ea:					
Elbert	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.01
Fluvanna	5	Not Rated		Not Rated	
Lloyd	5	Not Rated		Not Rated	
Orange	5	Not Rated		Not Rated	
Fa:					
Fluvanna	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	4	Not Rated		Not Rated	
Lloyd	4	Not Rated		Not Rated	
Orange	4	Not Rated		Not Rated	
Appling	3	Not Rated		Not Rated	
Fb:					
Fluvanna	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Fb:					
Bremo	4	Not Rated		Not Rated	
Lloyd	4	Not Rated		Not Rated	
Orange	4	Not Rated		Not Rated	
Appling	3	Not Rated		Not Rated	
Fc:					
Fluvanna	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	8	Not Rated		Not Rated	
Lloyd	7	Not Rated		Not Rated	
Fd:					
Fluvanna	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	4	Not Rated		Not Rated	
Lloyd	4	Not Rated		Not Rated	
Orange	4	Not Rated		Not Rated	
Elbert	3	Not Rated		Not Rated	
Fe:					
Fluvanna	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	4	Not Rated		Not Rated	
Lloyd	4	Not Rated		Not Rated	
Orange	4	Not Rated		Not Rated	
Elbert	3	Not Rated		Not Rated	
Ga:					
Goldvein	85	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.38	Thickest layer	0.00
Lignum	5	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Ga:					
Nason	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	
Ha:					
Helena	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Appling	4	Not Rated		Not Rated	
Colfax	4	Not Rated		Not Rated	
Vance	4	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
Hb:					
Helena	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Appling	4	Not Rated		Not Rated	
Colfax	4	Not Rated		Not Rated	
Vance	4	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
Hc:					
Helena	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Appling	4	Not Rated		Not Rated	
Colfax	4	Not Rated		Not Rated	
Vance	4	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
Hd:					
Hiwassee	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Augusta	4	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Hd:					
Masada	4	Not Rated		Not Rated	
Wickham	4	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
He:					
Hiwassee	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Augusta	4	Not Rated		Not Rated	
Masada	4	Not Rated		Not Rated	
Wickham	4	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Hf:					
Hiwassee	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Augusta	5	Not Rated		Not Rated	
Masada	5	Not Rated		Not Rated	
Roanoke	5	Not Rated		Not Rated	
Hg:					
Hiwassee	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Augusta	5	Not Rated		Not Rated	
Masada	5	Not Rated		Not Rated	
Roanoke	5	Not Rated		Not Rated	
Hh:					
Hiwassee	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Augusta	5	Not Rated		Not Rated	
Masada	5	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Hh:					
Roanoke	5	Not Rated		Not Rated	
Hk:					
Hiwassee	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Augusta	4	Not Rated		Not Rated	
Masada	4	Not Rated		Not Rated	
Wickham	4	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Hl:					
Hiwassee	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Augusta	4	Not Rated		Not Rated	
Masada	4	Not Rated		Not Rated	
Wickham	4	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
La:					
Lignum	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Nason	5	Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	
Lb:					
Lignum	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Nason	5	Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	

Lc:

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Lc:					
Lloyd	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	5	Not Rated		Not Rated	
Fluvanna	5	Not Rated		Not Rated	
Orange	5	Not Rated		Not Rated	
Ld:					
Lloyd	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	3	Not Rated		Not Rated	
Madison	3	Not Rated		Not Rated	
Orange	3	Not Rated		Not Rated	
Cecil	2	Not Rated		Not Rated	
Fluvanna	2	Not Rated		Not Rated	
Tatum	2	Not Rated		Not Rated	
Le:					
Lloyd	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	4	Not Rated		Not Rated	
Madison	4	Not Rated		Not Rated	
Orange	4	Not Rated		Not Rated	
Fluvanna	3	Not Rated		Not Rated	
Lf:					
Lloyd	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	3	Not Rated		Not Rated	
Madison	3	Not Rated		Not Rated	
Orange	3	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Lf:					
Cecil	2	Not Rated		Not Rated	
Fluvanna	2	Not Rated		Not Rated	
Tatum	2	Not Rated		Not Rated	
Lg:					
Louisa	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	5	Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated	
Madison	5	Not Rated		Not Rated	
Lh:					
Louisa	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	5	Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated	
Madison	5	Not Rated		Not Rated	
Lk:					
Louisburg	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.09
		Thickest layer	0.00	Thickest layer	0.09
Appling	5	Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	
Ll:					
Louisburg	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.09
		Thickest layer	0.00	Thickest layer	0.09
Appling	5	Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	

Lm:

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Lm:					
Louisburg	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.09
		Thickest layer	0.00	Thickest layer	0.09
Appling	3	Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated	
Durham	3	Not Rated		Not Rated	
Wilkes	3	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
M:					
Made land	100	Not Rated		Not Rated	
Ma:					
Madison	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Louisa	8	Not Rated		Not Rated	
Cecil	7	Not Rated		Not Rated	
Mb:					
Madison	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Louisa	8	Not Rated		Not Rated	
Lloyd	7	Not Rated		Not Rated	
Mc:					
Manteo	50	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Bremo	35	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Tatum	8	Not Rated		Not Rated	
Nason	7	Not Rated		Not Rated	
Md:					

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Md:					
Manteo	50	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Bremo	35	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Tatum	8	Not Rated		Not Rated	
Nason	7	Not Rated		Not Rated	
Me:					
Manteo	85	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Tatum	8	Not Rated		Not Rated	
Nason	7	Not Rated		Not Rated	
Mf:					
Manteo	85	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Tatum	8	Not Rated		Not Rated	
Nason	7	Not Rated		Not Rated	
Mg:					
Manteo	85	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Tatum	8	Not Rated		Not Rated	
Nason	7	Not Rated		Not Rated	
Mh:					
Manteo	85	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Tatum	8	Not Rated		Not Rated	
Nason	7	Not Rated		Not Rated	
Mk:					

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Mk:					
Masada	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Augusta	5	Not Rated		Not Rated	
Hiwassee	5	Not Rated		Not Rated	
Roanoke	5	Not Rated		Not Rated	
MI:					
Mixed alluvium	75	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.22
Chewacla	8	Not Rated		Not Rated	
Congaree	7	Not Rated		Not Rated	
Wehadkee	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	
Mm:					
Mixed alluvium	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Buncombe	3	Not Rated		Not Rated	
Congaree	3	Not Rated		Not Rated	
Seneca	3	Not Rated		Not Rated	
Starr	3	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
Na:					
Nason	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Lignum	5	Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	

Nb:

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Nb:					
Nason	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Lignum	5	Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	
Nc:					
Nason	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Lignum	8	Not Rated		Not Rated	
Tatum	7	Not Rated		Not Rated	
Nd:					
Nason	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Lignum	8	Not Rated		Not Rated	
Tatum	7	Not Rated		Not Rated	
Ne:					
Nason	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Lignum	4	Not Rated		Not Rated	
Manteo	4	Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
Nf:					
Nason	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Lignum	5	Not Rated		Not Rated	
Tatum	5	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Nf:					
Worsham	5	Not Rated		Not Rated	
Ng:					
Nason	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Lignum	4	Not Rated		Not Rated	
Manteo	4	Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
Oa:					
Orange	50	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bremo	35	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Elbert	5	Not Rated		Not Rated	
Fluvanna	5	Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated	
Ob:					
Orange	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Elbert	4	Not Rated		Not Rated	
Fluvanna	4	Not Rated		Not Rated	
Zion	4	Not Rated		Not Rated	
Bremo	3	Not Rated		Not Rated	
Oc:					
Orange	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Elbert	4	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Oc:					
Fluvanna	4	Not Rated		Not Rated	
Lloyd	4	Not Rated		Not Rated	
Bremo	3	Not Rated		Not Rated	
Ra:					
Riverwash	85	Not Rated		Not Rated	
Buncombe	8	Not Rated		Not Rated	
Congaree	7	Not Rated		Not Rated	
Rb:					
Roanoke	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Altavista	4	Not Rated		Not Rated	
Hiwassee	4	Not Rated		Not Rated	
Wickham	4	Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated	
Rc:					
Rough gullied land	100	Not Rated		Not Rated	
Sa:					
Seneca	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Appling	4	Not Rated		Not Rated	
Cecil	4	Not Rated		Not Rated	
Durham	4	Not Rated		Not Rated	
Louisburg	3	Not Rated		Not Rated	
Sb:					
Seneca	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Fluvanna	4	Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Sb:					
Tatum	4	Not Rated		Not Rated	
Lignum	3	Not Rated		Not Rated	
Sc:					
Starr	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.07
Elbert	4	Not Rated		Not Rated	
Fluvanna	4	Not Rated		Not Rated	
Lloyd	4	Not Rated		Not Rated	
Bremo	3	Not Rated		Not Rated	
Sd:					
Stony land	85	Not Rated		Not Rated	
Manteo	8	Not Rated		Not Rated	
Lloyd	7	Not Rated		Not Rated	
Ta:					
Tatum	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Lignum	5	Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	
Tb:					
Tatum	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Nason	8	Not Rated		Not Rated	
Manteo	7	Not Rated		Not Rated	
Tc:					
Tatum	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Lignum	4	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Tc:					
Manteo	4	Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
Td:					
Tatum	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Manteo	5	Not Rated		Not Rated	
Nason	5	Not Rated		Not Rated	
Worsham	5	Not Rated		Not Rated	
Te:					
Tatum	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Nason	7	Not Rated		Not Rated	
Va:					
Vance	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Appling	4	Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated	
Worsham	3	Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	
Wa:					
Wehadkee	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Altavista	4	Not Rated		Not Rated	
Congaree	4	Not Rated		Not Rated	
Wickham	4	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Wa:					
Chewacla	3	Not Rated		Not Rated	
Wb:					
Wickham	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Altavista	4	Not Rated		Not Rated	
Augusta	4	Not Rated		Not Rated	
Congaree	4	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Wc:					
Wilkes	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Appling	5	Not Rated		Not Rated	
Bremo	5	Not Rated		Not Rated	
Louisburg	5	Not Rated		Not Rated	
Wd:					
Wilkes	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Louisburg	8	Not Rated		Not Rated	
Bremo	7	Not Rated		Not Rated	
We:					
Worsham	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.06
		Thickest layer	0.00	Thickest layer	0.09
Appling	4	Not Rated		Not Rated	
Colfax	4	Not Rated		Not Rated	
Louisburg	4	Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated	

Wf:

Table ENG-1. - Construction Materials - Continued

Fluvanna County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Wf:					
Worsham	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.06
Manteo	4	Not Rated		Not Rated	
Nason	4	Not Rated		Not Rated	
Tatum	4	Not Rated		Not Rated	
Lignum	3	Not Rated		Not Rated	
Za:					
Zion	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Fluvanna	5	Not Rated		Not Rated	
Orange	5	Not Rated		Not Rated	
Elbert	4	Not Rated		Not Rated	
ZZ900:					
Other acreage	100	Not Rated		Not Rated	