

## Table ENG-1. - Construction Materials

Washington 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
1B:					
Allegheny	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Ingle-dove		Not Rated		Not Rated	
Monongahela		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
Wheeling		Not Rated		Not Rated	
1C:					
Allegheny	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Ingle-dove		Not Rated		Not Rated	
Monongahela		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
Wheeling		Not Rated		Not Rated	
2A:					
Atkins	75	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Lobdell		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	

3D:

**Table ENG-1. - Construction Materials - Continued**

Washington 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
3D:					
Berks	75	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.13	Thickest layer	0.00
Bland		Not Rated		Not Rated	
Ernest		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
3E:					
Berks	75	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.13	Thickest layer	0.00
Bland		Not Rated		Not Rated	
Ernest		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
3F:					
Berks	75	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.13	Thickest layer	0.00
Bland		Not Rated		Not Rated	
Ernest		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
4D:					
Bland	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Berks		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
4D:					
Rock outcrop		Not Rated		Not Rated	
Soils less than 20 inches deep to bedrock		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
4E:					
Bland	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Berks		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Soils less than 20 inches deep to bedrock		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
5B:					
Botetourt	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.10
Wolfgap		Not Rated		Not Rated	
6D:					
Calvin	85	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.38	Thickest layer	0.00
Drypond		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
6E:					
Calvin	80	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.38	Thickest layer	0.00
Drypond		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
6F:					

**Table ENG-1. - Construction Materials - Continued**

Washington 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
<b>6F:</b>					
Calvin	80	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.38	Thickest layer	0.00
Drypond		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
<b>7A:</b>					
Clubcaf	85	Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Hayter		Not Rated		Not Rated	
Sindion		Not Rated		Not Rated	
Soils that have bedrock at depths of less than 60 inches		Not Rated		Not Rated	
Wyrick		Not Rated		Not Rated	
<b>8D:</b>					
Dekalb	80	Fair		Fair	
		Thickest layer	0.00	Thickest layer	0.00
		Bottom layer	0.30	Bottom layer	0.09
Macove		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
<b>8E:</b>					
Dekalb	85	Fair		Fair	
		Thickest layer	0.00	Thickest layer	0.00
		Bottom layer	0.30	Bottom layer	0.09
Macove		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
<b>9F:</b>					
Drypond	45	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.45	Thickest layer	0.00

**Table ENG-1. - Construction Materials - Continued**

Washington 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
9F:					
Rock outcrop	30	Not Rated		Not Rated	
Calvin		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
10F:					
Drypond	75	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.45	Thickest layer	0.00
Calvin		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
11B:					
Ebbing	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Maurertown		Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Speedwell		Not Rated		Not Rated	
12C:					
Edneytown	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.04
		Thickest layer	0.00	Bottom layer	0.41
Konnarock		Not Rated		Not Rated	
Pigeonroost		Not Rated		Not Rated	
12D:					
Edneytown	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.04
		Thickest layer	0.00	Bottom layer	0.41
Konnarock		Not Rated		Not Rated	
Pigeonroost		Not Rated		Not Rated	
12E:					

**Table ENG-1. - Construction Materials - Continued**

Washington 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
12E:					
Edneytown	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.04
		Thickest layer	0.00	Bottom layer	0.41
Konnarock		Not Rated		Not Rated	
Pigeonroost		Not Rated		Not Rated	
13C:					
Elliber	80	Fair		Poor	
		Bottom layer	0.05	Bottom layer	0.00
		Thickest layer	0.05	Thickest layer	0.00
Lily		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
13D:					
Elliber	80	Fair		Poor	
		Bottom layer	0.05	Bottom layer	0.00
		Thickest layer	0.05	Thickest layer	0.00
Lily		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
13E:					
Elliber	80	Fair		Poor	
		Bottom layer	0.05	Bottom layer	0.00
		Thickest layer	0.05	Thickest layer	0.00
Lily		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
14B:					
Ernest	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00

**Table ENG-1. - Construction Materials - Continued**

Washington 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
14B:					
Berks		Not Rated		Not Rated	
Faywood		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Lobdell		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
14C:					
Ernest	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Berks		Not Rated		Not Rated	
Faywood		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Lobdell		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
15C:					
Faywood	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
15D:					
Faywood	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
15E:					
Faywood	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
16B:					
Frederick	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
16C:					
Frederick	75	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
16D:					

**Table ENG-1. - Construction Materials - Continued**

Washington 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
16D:					
Frederick	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
16E:					
Frederick	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
17C:					
Frederick	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
17D:					
Frederick	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
17E:					
Frederick	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
18D:					
Greenlee	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Konnarock		Not Rated		Not Rated	
Pigeonroost		Not Rated		Not Rated	
19C:					
Hagerstown	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Rock outcrop	30	Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
19E:					
Hagerstown	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Rock outcrop	30	Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
19E:					
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
20C:					
Hagerstown	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
20D:					
Hagerstown	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
20E:					
Hagerstown	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
20E:					
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
21D:					
Hagerstown	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Rock outcrop	30	Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
22C:					
Hagerstown	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
22D:					
Hagerstown	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
22D:					
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
23C:					
Hayter	75	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Berks		Not Rated		Not Rated	
Clubcaf		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Litz		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
23D:					
Hayter	70	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Berks		Not Rated		Not Rated	
Clubcaf		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Litz		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
24B:					
Ingle dove	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Allegheny		Not Rated		Not Rated	
Monongahela		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
24B:					
Wolfgap		Not Rated		Not Rated	
25C:					
Konnarock	80	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.10	Thickest layer	0.00
Edneytown		Not Rated		Not Rated	
Greenlee		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
25D:					
Konnarock	80	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.10	Thickest layer	0.00
Edneytown		Not Rated		Not Rated	
Greenlee		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
25E:					
Konnarock	80	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.10	Thickest layer	0.00
Edneytown		Not Rated		Not Rated	
Greenlee		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
26B:					
Lily	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Drypond		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
26B:					
Weikert		Not Rated		Not Rated	
26C:					
Lily	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Drypond		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
26D:					
Lily	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Drypond		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
26E:					
Lily	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Drypond		Not Rated		Not Rated	
Elliber		Not Rated		Not Rated	
Macove		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
26E:					
Tumbling		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
27D:					
Litz	80	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.13	Thickest layer	0.00
Hagerstown		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
27E:					
Litz	80	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.13	Thickest layer	0.00
Hagerstown		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
27F:					
Litz	65	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.13	Thickest layer	0.00
Hagerstown		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	

28C:

**Table ENG-1. - Construction Materials - Continued**

Washington 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
28C:					
Litz	50	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.13	Thickest layer	0.00
Groseclose	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
28D:					
Litz	50	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.13	Thickest layer	0.00
Groseclose	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
28E:					
Litz	45	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.13	Thickest layer	0.00
Groseclose	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
29A:					
Lobdell	75	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

**Table ENG-1. - Construction Materials - Continued**

Washington 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
29A:					
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
30C:					
Macove	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Konnarock		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
30D:					
Macove	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Konnarock		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
30E:					
Macove	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
30E:					
Konnarock		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
31C:					
Macove	75	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Konnarock		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
31D:					
Macove	75	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Konnarock		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
31E:					
Macove	75	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
31E:					
Konnarock		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
32A:					
Maurertown	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Hayter		Not Rated		Not Rated	
Wyrick		Not Rated		Not Rated	
33A:					
Mongle	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Ingledove and Wheeling		Not Rated		Not Rated	
Maurertown		Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Tumbling		Not Rated		Not Rated	
Wyrick		Not Rated		Not Rated	
34B:					
Monongahela	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Allegheny		Not Rated		Not Rated	
Ingledove and Wheeling		Not Rated		Not Rated	
Shottower		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
34C:					
Monongahela	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**

Washington 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
<b>34C:</b>					
Allegheny		Not Rated		Not Rated	
Ingledove and Wheeling		Not Rated		Not Rated	
Shottower		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
<b>35C:</b>					
Pigeonroost	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Edneytown		Not Rated		Not Rated	
Greenlee		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
<b>35D:</b>					
Pigeonroost	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Edneytown		Not Rated		Not Rated	
Greenlee		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
<b>35E:</b>					
Pigeonroost	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Edneytown		Not Rated		Not Rated	
Greenlee		Not Rated		Not Rated	
Rock outcrops		Not Rated		Not Rated	
Tate		Not Rated		Not Rated	
<b>36F:</b>					
Rock outcrop	40	Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
<b>36F:</b>					
Opequon	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Litz		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
Wyrick		Not Rated		Not Rated	
<b>37B:</b>					
Shottower	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Monongahela		Not Rated		Not Rated	
<b>37C:</b>					
Shottower	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Monongahela		Not Rated		Not Rated	
<b>37D:</b>					
Shottower	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Monongahela		Not Rated		Not Rated	
<b>38A:</b>					
Sindion	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Clubcaf		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Wheeling		Not Rated		Not Rated	
<b>39A:</b>					
Speedwell	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Ebbing		Not Rated		Not Rated	
Mongle		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
39A:					
Wheeling		Not Rated		Not Rated	
40B:					
Tate	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Konnarock		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Monongahela		Not Rated		Not Rated	
Pigeonroost		Not Rated		Not Rated	
40C:					
Tate	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Konnarock		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Monongahela		Not Rated		Not Rated	
Pigeonroost		Not Rated		Not Rated	
40D:					
Tate	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
40D:					
Konnarock		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Monongahela		Not Rated		Not Rated	
Pigeonroost		Not Rated		Not Rated	
41B:					
Timberville	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie	35	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Clubcaf		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Frederick		Not Rated		Not Rated	
Hagerstown		Not Rated		Not Rated	
Watahala		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
Wyrick		Not Rated		Not Rated	
42C:					
Timberville	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie	35	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Clubcaf		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Frederick		Not Rated		Not Rated	
Hagerstown		Not Rated		Not Rated	
Watahala		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
42C:					
Westmoreland		Not Rated		Not Rated	
Wyrick		Not Rated		Not Rated	
43B:					
Tumbling	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Mongle		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
43C:					
Tumbling	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	
Mongle		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
43D:					
Tumbling	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Ernest		Not Rated		Not Rated	
Lily		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
43D:					
Mongle		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
44B:					
Tumbling	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Lily		Not Rated		Not Rated	
Litz		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Mongle		Not Rated		Not Rated	
44C:					
Tumbling	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Lily		Not Rated		Not Rated	
Litz		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
44D:					
Tumbling	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Lily		Not Rated		Not Rated	
Litz		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
<b>44E:</b>					
Tumbling	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Atkins		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Lily		Not Rated		Not Rated	
Litz		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
<b>45:</b>					
Udorthents	70	Not Rated		Not Rated	
Frederick		Not Rated		Not Rated	
Sindion		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
<b>46:</b>					
Udorthents, dams	95	Not Rated		Not Rated	
Frederick		Not Rated		Not Rated	
Sindion		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
<b>47:</b>					
Udorthents	40	Not Rated		Not Rated	
Urban land	35	Not Rated		Not Rated	
Frederick		Not Rated		Not Rated	
Sindion		Not Rated		Not Rated	
Weikert		Not Rated		Not Rated	
<b>48:</b>					
Urban land	85	Not Rated		Not Rated	
Frederick		Not Rated		Not Rated	
Sindion		Not Rated		Not Rated	
Udorthents		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
48:					
Weikert		Not Rated		Not Rated	
49C:					
Watahala	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
49D:					
Watahala	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
49E:					
Watahala	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
50D:					
Weikert	85	Fair		Poor	
		Thickest layer	0.04	Bottom layer	0.00
		Bottom layer	0.45	Thickest layer	0.00
Allegheny		Not Rated		Not Rated	
Elliber		Not Rated		Not Rated	
Ernest		Not Rated		Not Rated	
Groseclose		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Monongahela		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	
50E:					

**Table ENG-1. - Construction Materials - Continued**

Washington 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
50E:					
Weikert	85	Fair		Poor	
		Thickest layer	0.04	Bottom layer	0.00
		Bottom layer	0.45	Thickest layer	0.00
Allegheny		Not Rated		Not Rated	
Elliber		Not Rated		Not Rated	
Ernest		Not Rated		Not Rated	
Groseclose		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Monongahela		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	
50F:					
Weikert	85	Fair		Poor	
		Thickest layer	0.04	Bottom layer	0.00
		Bottom layer	0.13	Thickest layer	0.00
Allegheny		Not Rated		Not Rated	
Elliber		Not Rated		Not Rated	
Ernest		Not Rated		Not Rated	
Groseclose		Not Rated		Not Rated	
Hayter		Not Rated		Not Rated	
Monongahela		Not Rated		Not Rated	
Tumbling		Not Rated		Not Rated	
51C:					
Westmoreland	85	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.35	Thickest layer	0.00
Berks		Not Rated		Not Rated	
Groseclose		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
51C:					
Timberville		Not Rated		Not Rated	
51D:					
Westmoreland	85	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.35	Thickest layer	0.00
Berks		Not Rated		Not Rated	
Groseclose		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
51E:					
Westmoreland	85	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.35	Thickest layer	0.00
Berks		Not Rated		Not Rated	
Groseclose		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
51F:					
Westmoreland	85	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.35	Thickest layer	0.00
Berks		Not Rated		Not Rated	
Groseclose		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Rock outcrop		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
51F:					
Timberville		Not Rated		Not Rated	
52D:					
Westmoreland	45	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.35	Thickest layer	0.00
Rock outcrop	30	Not Rated		Not Rated	
Berks		Not Rated		Not Rated	
Groseclose		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
52E:					
Westmoreland	45	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.35	Thickest layer	0.00
Rock outcrop	30	Not Rated		Not Rated	
Berks		Not Rated		Not Rated	
Groseclose		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Timberville		Not Rated		Not Rated	
52F:					
Westmoreland	45	Fair		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.35	Thickest layer	0.00
Rock outcrop	30	Not Rated		Not Rated	
Berks		Not Rated		Not Rated	
Groseclose		Not Rated		Not Rated	
Marbie		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	

**Table ENG-1. - Construction Materials - Continued**

Washington 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
52F:					
Timberville		Not Rated		Not Rated	
53B:					
Wheeling	80	Poor		Fair	
		Thickest layer	0.00	Thickest layer	0.00
		Bottom layer	0.00	Bottom layer	0.08
Allegheny		Not Rated		Not Rated	
Monongahela		Not Rated		Not Rated	
Speedwell		Not Rated		Not Rated	
Wyrick		Not Rated		Not Rated	
54A:					
Wolfgap	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.10
Botetourt		Not Rated		Not Rated	
Ingledove		Not Rated		Not Rated	
55B:					
Wyrick	50	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Clubcaf		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Maurertown		Not Rated		Not Rated	
Mongle		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Sindion		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	

55C:

**Table ENG-1. - Construction Materials - Continued**

Washington 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
55C:					
Wyrick	50	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Clubcaf		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Maurertown		Not Rated		Not Rated	
Mongle		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Sindion		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
55D:					
Wyrick	50	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Marbie	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Clubcaf		Poor		Poor	
		Thickest layer	0.00	Bottom layer	0.00
		Bottom layer	0.00	Thickest layer	0.00
Maurertown		Not Rated		Not Rated	
Mongle		Not Rated		Not Rated	
Opequon		Not Rated		Not Rated	
Sindion		Not Rated		Not Rated	
Westmoreland		Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	