

Table ENG-2. - Construction Materials

Clarke 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
1B:							
Berks	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.54
		Too acid	0.50			Too acid	0.92
Berks variant	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Depth to saturated zone	0.29	Depth to saturated zone	0.29
		Too acid	0.50	Cobble content	0.65	Depth to bedrock	0.54
1C:							
Berks	50	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Slope	0.37
		Too acid	0.50			Depth to bedrock	0.54
Berks variant	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Depth to saturated zone	0.29	Depth to saturated zone	0.29
		Too acid	0.50	Cobble content	0.65	Slope	0.37
2B:							
Braddock	80	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.99	Too Clayey	0.00
		Too acid	0.12			Hard to reclaim	0.00
		Low content of organic matter	0.13			Too acid	0.60
2C:							
Braddock	80	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.99	Too Clayey	0.00
		Too acid	0.12			Hard to reclaim	0.00
		Low content of organic matter	0.13			Slope	0.37
3D:							
Braddock	98	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Too acid	0.12	Shrink-swell	0.99	Too Clayey	0.00
		Low content of organic matter	0.13			Hard to reclaim	0.00

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Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
4:							
Buckton	80	Fair		Poor		Fair	
		Low content of organic matter	0.88	Low strength	0.00	Hard to reclaim	0.68
		Water erosion	0.99				
5B:							
Carbo	30	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.26	Low strength	0.00	Depth to bedrock	0.54
		Low content of organic matter	0.50	Shrink-swell	0.13		
Opequon	25	Poor		Poor		Poor	
		Depth to bedrock	0.00	Depth to bedrock	0.00	Depth to bedrock	0.00
		Droughty	0.00	Low strength	0.00	Too Clayey	0.00
		Too clayey	0.00	Shrink-swell	0.54		
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
5C:							
Carbo	30	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Droughty	0.26	Low strength	0.00	Slope	0.37
		Low content of organic matter	0.50	Shrink-swell	0.13	Depth to bedrock	0.54
Opequon	25	Poor		Poor		Poor	
		Depth to bedrock	0.00	Depth to bedrock	0.00	Depth to bedrock	0.00
		Droughty	0.00	Low strength	0.00	Too Clayey	0.00
		Too clayey	0.00	Shrink-swell	0.54	Slope	0.37
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
6B:							
Cardiff	80	Fair		Poor		Poor	
		Low content of organic matter	0.13	Cobble content	0.00	Hard to reclaim	0.00
		Cobble content	0.33	Depth to bedrock	0.58	Rock fragments	0.00
		Too acid	0.50			Too acid	0.76
Wet spots	3	Not Rated		Not Rated		Not Rated	
6C:							
Cardiff	75	Fair		Poor		Poor	
		Low content of organic matter	0.13	Cobble content	0.00	Hard to reclaim	0.00
		Cobble content	0.33	Depth to bedrock	0.58	Rock fragments	0.00
		Too acid	0.50			Slope	0.37
Wet spots	3	Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
7D:							
Cataska	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.50			Depth to bedrock	0.50
Cardiff	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Cobble content	0.00	Slope	0.00
		Cobble content	0.33	Slope	0.00	Hard to reclaim	0.00
		Too acid	0.50	Depth to bedrock	0.58	Rock fragments	0.00
Wet spots	3	Not Rated		Not Rated		Not Rated	
8D:							
Catoctin	45	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.50	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.54	Cobble content	0.58	Depth to bedrock	0.54
Myersville	30	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Depth to bedrock	0.58	Hard to reclaim	0.00
						Rock fragments	0.50
9D:							
Catoctin	45	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.50	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.54	Cobble content	0.58	Depth to bedrock	0.54
Myersville	30	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Depth to bedrock	0.58	Hard to reclaim	0.00
						Rock fragments	0.50
10:							
Chagrin	80	Fair		Good		Good	
		Low content of organic matter	0.88				
11B:							
Clymer	80	Fair		Good		Poor	
		Low content of organic matter	0.13			Hard to reclaim	0.00
		Too acid	0.50			Rock fragments	0.00
		Droughty	0.92			Too acid	0.60

12D:

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
12D:							
Dekalb	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.08	Rock fragments	0.00
		Too acid	0.50	Cobble content	0.71	Depth to bedrock	0.54
12E:							
Dekalb	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.50	Cobble content	0.71	Depth to bedrock	0.54
13D:							
Dekalb	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Slope	0.68	Slope	0.00
		Too acid	0.50	Cobble content	0.71	Depth to bedrock	0.54
13E:							
Dekalb	80	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.50	Cobble content	0.71	Depth to bedrock	0.54
14C:							
Dekalb	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Cobble content	0.71	Depth to bedrock	0.54
		Too acid	0.50			Too acid	0.60
Hazleton							
	35	Fair		Fair		Poor	
		Low content of organic matter	0.13	Cobble content	0.69	Hard to reclaim	0.00
		Too acid	0.50			Rock fragments	0.00
		Droughty	>0.99			Too acid	0.60
15B:							
Endcav	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.25	Rock fragments	0.97
		Too acid	0.97	Depth to bedrock	0.58		

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
15B:							
Dandridge	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.00	Shrink-swell	0.87	Depth to bedrock	0.00
		Too clayey	0.00			Too Clayey	0.00
15C:							
Endcav	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.25	Slope	0.37
		Too acid	0.97	Depth to bedrock	0.58	Rock fragments	0.97
Dandridge	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.00	Shrink-swell	0.87	Depth to bedrock	0.00
		Too clayey	0.00			Too Clayey	0.00
16B:							
Fluvaquents	75	Fair		Poor		Poor	
		Low content of organic matter	0.88	Depth to saturated zone	0.00	Depth to saturated zone	0.00
				Low strength	0.00		
17B:							
Hagerstown	30	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.93	Slope	0.96
		Too acid	0.68				
Opequon	25	Poor		Poor		Poor	
		Depth to bedrock	0.00	Depth to bedrock	0.00	Depth to bedrock	0.00
		Droughty	0.00	Low strength	0.00	Too Clayey	0.00
		Too clayey	0.00	Shrink-swell	0.54	Slope	0.96
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
18:							
Hollywood	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Water erosion	0.99	Shrink-swell	0.15		
19D:							
Laidig	80	Fair		Poor		Poor	
		Droughty	0.03	Depth to cemented pan	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Slope	0.92	Slope	0.00
		Too acid	0.50			Too acid	0.60
20D:							

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
20D:							
Laidig	80	Fair		Poor		Poor	
		Droughty	0.03	Depth to cemented pan	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Slope	0.92	Slope	0.00
		Too acid	0.50			Too acid	0.60
21B:							
Lakin	80	Poor		Good		Fair	
		Wind erosion	0.00			Hard to reclaim	0.08
		Too sandy	0.42			Too sandy	0.42
		Droughty	0.48			Too acid	0.98
22C:							
Lew	80	Fair		Poor		Poor	
		Low content of organic matter	0.13	Stone content	0.00	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.00	Hard to reclaim	0.00
		Stone content	0.54	Shrink-swell	0.87	Slope	0.37
22D:							
Lew	80	Fair		Poor		Poor	
		Low content of organic matter	0.13	Stone content	0.00	Slope	0.00
		Too acid	0.54	Cobble content	0.00	Rock fragments	0.00
		Stone content	0.54	Slope	0.08	Hard to reclaim	0.00
23:							
Lobdell	80	Fair		Fair		Fair	
		Low content of organic matter	0.50	Depth to saturated zone	0.98	Depth to saturated zone	0.98
		Too acid	0.97				
		Water erosion	0.99				
Wet spots	5	Not Rated		Not Rated		Not Rated	
24:							
McGary	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13	Depth to saturated zone	0.53
		Water erosion	0.90	Depth to saturated zone	0.53		
Wet spots	5	Not Rated		Not Rated		Not Rated	
25B:							

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
25B:							
Monongahela	75	Fair		Poor		Fair	
		Depth to cemented pan	0.08	Depth to cemented pan	0.00	Depth to cemented pan	0.08
		Low content of organic matter	0.13	Depth to saturated zone	0.76	Depth to saturated zone	0.76
		Droughty	0.28			Too acid	0.88
26B:							
Monongahela	45	Fair		Poor		Fair	
		Depth to cemented pan	0.08	Depth to cemented pan	0.00	Depth to cemented pan	0.08
		Low content of organic matter	0.13	Depth to saturated zone	0.76	Depth to saturated zone	0.76
		Droughty	0.28			Too acid	0.88
Braddock	35	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.99	Too Clayey	0.00
		Too acid	0.12			Hard to reclaim	0.00
		Low content of organic matter	0.13			Too acid	0.60
26C:							
Monongahela	40	Fair		Poor		Fair	
		Depth to cemented pan	0.08	Depth to cemented pan	0.00	Depth to cemented pan	0.08
		Low content of organic matter	0.13	Depth to saturated zone	0.76	Slope	0.37
		Droughty	0.28			Depth to saturated zone	0.76
Braddock	35	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.99	Too Clayey	0.00
		Too acid	0.12			Hard to reclaim	0.00
		Low content of organic matter	0.13			Slope	0.37
27B:							
Monongahela	50	Fair		Poor		Fair	
		Depth to cemented pan	0.08	Depth to cemented pan	0.00	Depth to cemented pan	0.08
		Low content of organic matter	0.13	Depth to saturated zone	0.76	Depth to saturated zone	0.76
		Droughty	0.28			Too acid	0.88
Zoar	30	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.50	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Low content of organic matter	0.50	Shrink-swell	0.89	Too acid	0.88

28B:

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
28B:							
Myersville	45	Fair		Fair		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.58	Hard to reclaim	0.00
		Too acid	0.54			Rock fragments	0.50
						Too acid	0.98
Catoctin	40	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.50	Cobble content	0.58	Depth to bedrock	0.54
		Depth to bedrock	0.54				
28C:							
Myersville	45	Fair		Fair		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.58	Hard to reclaim	0.00
		Too acid	0.54			Slope	0.37
						Rock fragments	0.50
Catoctin	40	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.50	Cobble content	0.58	Slope	0.37
		Depth to bedrock	0.54			Depth to bedrock	0.54
29C:							
Myersville	45	Fair		Fair		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.58	Hard to reclaim	0.00
		Too acid	0.54			Slope	0.37
						Rock fragments	0.50
Catoctin	40	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.50	Cobble content	0.58	Slope	0.37
		Depth to bedrock	0.54			Depth to bedrock	0.54
30B:							
Nicholson	50	Fair		Poor		Fair	
		Depth to cemented pan	0.05	Depth to cemented pan	0.00	Depth to cemented pan	0.05
		Low content of organic matter	0.50	Low strength	0.00	Depth to saturated zone	0.53
		Droughty	0.65	Depth to saturated zone	0.53		
Duffield	35	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too Clayey	0.57
		Too acid	0.97	Shrink-swell	0.87	Rock fragments	0.88
		Too clayey	0.98				

31B:

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
31B:							
Oaklet	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13		
		Too acid	0.68				
32B:							
Oaklet	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.13		
		Too acid	0.68				
Carbo	35	Not Rated		Not Rated		Poor	
						Too Clayey	0.00
						Depth to bedrock	0.54
33B:							
Pagebrook	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.15		
		Water erosion	0.99				
34:							
Pits	80	Not Rated		Not Rated		Not Rated	
35B:							
Poplimento	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.14	Hard to reclaim	0.68
		Too acid	0.68			Rock fragments	0.88
35C:							
Poplimento	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.14	Slope	0.37
		Too acid	0.68			Hard to reclaim	0.68
36B:							
Poplimento	75	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.14	Hard to reclaim	0.68
		Too acid	0.68			Rock fragments	0.88
36C:							

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
36C:							
Poplimento	75	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.14	Slope	0.37
		Too acid	0.68			Hard to reclaim	0.68
37B:							
Poplimento	55	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.14	Hard to reclaim	0.68
		Too acid	0.68			Rock fragments	0.88
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
38B:							
Poplimento	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.14	Hard to reclaim	0.68
		Too acid	0.68			Rock fragments	0.88
Webbtown	35	Fair		Poor		Poor	
		Droughty	0.35	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.54			Too Clayey	0.49
		Too clayey	0.68			Depth to bedrock	0.54
38C:							
Poplimento	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.14	Slope	0.37
		Too acid	0.68			Hard to reclaim	0.68
Webbtown	35	Fair		Poor		Poor	
		Droughty	0.35	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.54			Slope	0.37
		Too clayey	0.68			Too Clayey	0.49
38D2:							
Poplimento	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.50	Slope	0.08	Too Clayey	0.00
		Too acid	0.68	Shrink-swell	0.14	Hard to reclaim	0.68
Webbtown	35	Fair		Poor		Poor	
		Droughty	0.35	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.54	Slope	0.08	Rock fragments	0.00
		Too clayey	0.68			Too Clayey	0.49

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
39B:							
Poplimento	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.14	Hard to reclaim	0.68
		Too acid	0.68			Rock fragments	0.88
Webbtown	35	Fair		Poor		Poor	
		Droughty	0.35	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.54			Too Clayey	0.49
		Too clayey	0.68			Depth to bedrock	0.54
39C:							
Poplimento	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.14	Slope	0.37
		Too acid	0.68			Hard to reclaim	0.68
Webbtown	35	Fair		Poor		Poor	
		Droughty	0.35	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.54			Slope	0.37
		Too clayey	0.68			Too Clayey	0.49
39D2:							
Poplimento	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.50	Slope	0.00	Too Clayey	0.00
		Too acid	0.68	Shrink-swell	0.14	Hard to reclaim	0.68
Webbtown	35	Fair		Poor		Poor	
		Droughty	0.35	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.54	Slope	0.00	Rock fragments	0.00
		Too clayey	0.68			Too Clayey	0.49
40:							
Quarries	55	Not Rated		Not Rated		Not Rated	
Dumps	25	Not Rated		Not Rated		Not Rated	
41C:							
Rock outcrop	55	Not Rated		Not Rated		Not Rated	
Catoctin	25	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.50	Slope	0.02	Slope	0.00
		Depth to bedrock	0.54	Cobble content	0.58	Depth to bedrock	0.54
42C:							

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
42C:							
Rock outcrop	55	Not Rated		Not Rated		Not Rated	
Dekalb	25	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Slope	0.02	Slope	0.00
		Too acid	0.50	Cobble content	0.71	Depth to bedrock	0.54
43C:							
Rock outcrop	55	Not Rated		Not Rated		Not Rated	
Opequon	25	Poor		Poor		Poor	
		Depth to bedrock	0.00	Depth to bedrock	0.00	Depth to bedrock	0.00
		Droughty	0.00	Low strength	0.00	Too Clayey	0.00
		Too clayey	0.00	Slope	0.02	Slope	0.00
44B:							
Swimley	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.88		
		Too acid	0.89				
45B:							
Swimley	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.88		
		Too acid	0.89				
46B:							
Swimley	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.88		
		Too acid	0.89				
Hagerstown	35	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.93		
		Too acid	0.68				
47B:							
Swimley	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.88		
		Too acid	0.89				

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
47B:							
Hagerstown	35	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.93		
		Too acid	0.68				
47C:							
Swimley	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.88	Slope	0.37
		Too acid	0.89				
Hagerstown	35	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.93	Slope	0.37
		Too acid	0.68				
48B:							
Swimley	50	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.88		
		Too acid	0.89				
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
49B:							
Thurmont	80	Fair		Poor		Fair	
		Too acid	0.32	Low strength	0.00	Hard to reclaim	0.50
		Too clayey	0.76			Too Clayey	0.54
		Low content of organic matter	0.88			Too acid	0.88
50B:							
Thurmont	80	Fair		Poor		Fair	
		Too acid	0.32	Low strength	0.00	Hard to reclaim	0.50
		Too clayey	0.76			Too Clayey	0.54
		Low content of organic matter	0.88			Too acid	0.88
51B:							
Timberville	80	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too acid	0.92
		Too acid	0.50	Shrink-swell	>0.99		
52B:							

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
52B:							
Udipsamments	75	Poor		Good		Poor	
		Wind erosion	0.00			Too sandy	0.00
		Too sandy	0.00				
		Low content of organic matter	0.02				
53:							
Udorthents	85	Not Rated		Not Rated		Not Rated	
54C:							
Udorthents	75	Not Rated		Not Rated		Not Rated	
Fluvaquents	5	Not Rated		Not Rated		Not Rated	
55D:							
Udults	50	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Depth to saturated zone	0.89	Depth to saturated zone	0.89
						Too acid	0.98
Udalfs	30	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.32	Low strength	0.00	Too Clayey	0.29
		Too clayey	0.50	Shrink-swell	0.87	Depth to saturated zone	0.89
56:							
Weaver	80	Good		Fair		Fair	
				Low strength	0.22	Depth to saturated zone	0.53
				Depth to saturated zone	0.53	Rock fragments	0.88
				Depth to bedrock	0.58		
57C2:							
Webbtown	30	Fair		Poor		Poor	
		Droughty	0.35	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.54			Too Clayey	0.49
		Too clayey	0.68			Depth to bedrock	0.54
Poplimento	25	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.50	Shrink-swell	0.14	Hard to reclaim	0.68
		Too acid	0.68			Rock fragments	0.88
Rock outcrop	20	Not Rated		Not Rated		Not Rated	
57D2:							

Table ENG-2. - Construction Materials - Continued

Clarke County, Virginia

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
57D2:							
Webbtown	30	Fair		Poor		Poor	
		Droughty	0.35	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.54	Slope	0.08	Rock fragments	0.00
		Too clayey	0.68			Too Clayey	0.49
Poplimento	25	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.50	Slope	0.08	Too Clayey	0.00
		Too acid	0.68	Shrink-swell	0.14	Hard to reclaim	0.68
Rock outcrop	20	Not Rated		Not Rated		Not Rated	
58D:							
Weikert	50	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.00
Berks	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Too acid	0.50			Depth to bedrock	0.54
59B:							
Whiteford	80	Fair		Fair		Poor	
		Too acid	0.50	Depth to bedrock	0.58	Hard to reclaim	0.00
		Low content of organic matter	0.50			Too Clayey	0.44
		Too clayey	0.68			Rock fragments	0.88
NS:							
Unsurveyed	100	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	