

Table ENG-2. - Construction Materials

Henry 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:							
Ayersville	85	Fair		Poor		Poor	
		Droughty	0.12	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.21
		Depth to bedrock	0.21			Too acid	0.88
Mayodan	5	Not Rated		Not Rated		Not Rated	
Stoneville	5	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
Leaksville	2	Not Rated		Not Rated		Not Rated	
1C:							
Ayersville	85	Fair		Poor		Poor	
		Droughty	0.12	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13			Depth to bedrock	0.21
		Depth to bedrock	0.21			Slope	0.63
Mayodan	5	Not Rated		Not Rated		Not Rated	
Stoneville	5	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
Leaksville	2	Not Rated		Not Rated		Not Rated	
2B:							
Buckhall	95	Fair		Poor		Fair	
		Too clayey	0.02	Low strength	0.00	Too Clayey	0.01
		Low content of organic matter	0.13	Shrink-swell	0.98	Too acid	0.88
		Too acid	0.32				
Clifford	5	Not Rated		Not Rated		Not Rated	
2C:							
Buckhall	95	Fair		Poor		Fair	
		Too clayey	0.02	Low strength	0.00	Too Clayey	0.01
		Low content of organic matter	0.13	Shrink-swell	0.98	Slope	0.63
		Too acid	0.32			Too acid	0.88
Clifford	5	Not Rated		Not Rated		Not Rated	
3E:							

Table ENG-2. - Construction Materials - Continued

Henry 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
3E:							
Buffstat	55	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too clayey	0.08	Low strength	0.00	Too Clayey	0.04
		Too acid	0.50	Depth to bedrock	0.00	Too acid	0.88
Bugley	40	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	0.02			Depth to bedrock	0.00
Clifford	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	2	Not Rated		Not Rated		Not Rated	
Littlejoe	1	Not Rated		Not Rated		Not Rated	
4B:							
Clifford	90	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.94	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	>0.99	Too acid	0.76
		Too acid	0.21				
Minnieville	5	Not Rated		Not Rated		Not Rated	
Dyke	3	Not Rated		Not Rated		Not Rated	
Delanco	2	Not Rated		Not Rated		Not Rated	
4C:							
Clifford	90	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.94	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	>0.99	Slope	0.63
		Too acid	0.21			Too acid	0.76
Minnieville	5	Not Rated		Not Rated		Not Rated	
Dyke	3	Not Rated		Not Rated		Not Rated	
Delanco	2	Not Rated		Not Rated		Not Rated	
4D:							
Clifford	90	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.50	Slope	0.00
		Low content of organic matter	0.13			Too Clayey	0.00
		Too acid	0.50			Too acid	0.76

Table ENG-2. - Construction Materials - Continued

Henry 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
4D:							
Minnieville	3	Not Rated		Not Rated		Not Rated	
Dyke	2	Not Rated		Not Rated		Not Rated	
Spriggs	2	Not Rated		Not Rated		Not Rated	
Delanco	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
4E:							
Clifford	90	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13			Too Clayey	0.00
		Too acid	0.50			Too acid	0.76
Minnieville	3	Not Rated		Not Rated		Not Rated	
Dyke	2	Not Rated		Not Rated		Not Rated	
Spriggs	2	Not Rated		Not Rated		Not Rated	
Delanco	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
5A:							
Codorus	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.14	Depth to saturated zone	0.14
		Too acid	0.54				
Delanco	6	Not Rated		Not Rated		Not Rated	
Elsinboro	4	Not Rated		Not Rated		Not Rated	
Colvard	3	Not Rated		Not Rated		Not Rated	
Poorly drained soils	2	Not Rated		Not Rated		Not Rated	
6A:							
Colvard	85	Fair		Good		Fair	
		Low content of organic matter	0.88			Too sandy	>0.99
		Too sandy	>0.99				

Table ENG-2. - Construction Materials - Continued

Henry 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
6A:							
Poorly drained soils	5	Not Rated		Not Rated		Not Rated	
Codorus	4	Not Rated		Not Rated		Not Rated	
Delanco	3	Not Rated		Not Rated		Not Rated	
Elsinboro	3	Not Rated		Not Rated		Not Rated	
7B:							
Creedmoor	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.08	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.54	Too acid	0.50
Mayodan	6	Not Rated		Not Rated		Not Rated	
Ayersville	4	Not Rated		Not Rated		Not Rated	
Leaksville	3	Not Rated		Not Rated		Not Rated	
Stoneville	2	Not Rated		Not Rated		Not Rated	
8A:							
Delanco	85	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Depth to saturated zone	0.29
		Low content of organic matter	0.13	Depth to saturated zone	0.29	Too acid	0.60
				Shrink-swell	0.87		
Poorly drained soils	5	Not Rated		Not Rated		Not Rated	
Codorus	4	Not Rated		Not Rated		Not Rated	
Colvard	3	Not Rated		Not Rated		Not Rated	
Elsinboro	3	Not Rated		Not Rated		Not Rated	
9B:							
Dyke	95	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	0.88
		Too acid	0.50				
Clifford	3	Not Rated		Not Rated		Not Rated	
Minnieville	2	Not Rated		Not Rated		Not Rated	
9C:							

Table ENG-2. - Construction Materials - Continued

Henry 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
9C:							
Dyke	95	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope	0.63
		Too acid	0.50			Too acid	0.88
Clifford	3	Not Rated		Not Rated		Not Rated	
Minnieville	2	Not Rated		Not Rated		Not Rated	
10A:							
Elsinboro	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
Colvard	5	Not Rated		Not Rated		Not Rated	
Poorly drained soils	4	Not Rated		Not Rated		Not Rated	
Codorus	3	Not Rated		Not Rated		Not Rated	
Delanco	3	Not Rated		Not Rated		Not Rated	
11A:							
Leaksville	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Depth to saturated zone	0.00
		Depth to bedrock	0.10	Depth to saturated zone	0.00	Too Clayey	0.00
		Droughty	0.18	Low strength	0.00	Depth to bedrock	0.10
Ayersville	5	Not Rated		Not Rated		Not Rated	
Stoneville	4	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
Mayodan	3	Not Rated		Not Rated		Not Rated	
12C:							
Littlejoe	95	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Depth to bedrock	0.04	Slope	0.63
		Too acid	0.50	Shrink-swell	0.87	Too acid	0.88
Buffstat	3	Not Rated		Not Rated		Not Rated	
Bugley	2	Not Rated		Not Rated		Not Rated	

12D:

Table ENG-2. - Construction Materials - Continued

Henry 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:							
Littlejoe	95	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Depth to bedrock	0.04	Too Clayey	0.00
		Too acid	0.50	Slope	0.50	Too acid	0.88
Buffstat	3	Not Rated		Not Rated		Not Rated	
Bugley	2	Not Rated		Not Rated		Not Rated	
13B:							
Mayodan	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.97	Too acid	0.88
		Too acid	0.32				
Stoneville	5	Not Rated		Not Rated		Not Rated	
Leaksville	4	Not Rated		Not Rated		Not Rated	
Ayersville	3	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
13C:							
Mayodan	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.97	Slope	0.63
		Too acid	0.32			Too acid	0.88
Stoneville	5	Not Rated		Not Rated		Not Rated	
Leaksville	4	Not Rated		Not Rated		Not Rated	
Ayersville	3	Not Rated		Not Rated		Not Rated	
Creedmoor	3	Not Rated		Not Rated		Not Rated	
14B:							
Minnieville	90	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.87	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	>0.99		
		Too acid	0.74				
Striggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Henry 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
14B:							
Dyke	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
14C:							
Minnieville	90	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.87	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	>0.99	Slope	0.63
		Too acid	0.74				
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	
Dyke	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
14D:							
Minnieville	90	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.50	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too Clayey	0.00
		Too acid	0.74	Low strength	>0.99		
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	
Dyke	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	
15C:							
Minnieville	55	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.87	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	>0.99	Slope	0.63
		Too acid	0.74				
Urban land	35	Not Rated		Not Rated		Not Rated	
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	
Dyke	1	Not Rated		Not Rated		Not Rated	
Orenda	1	Not Rated		Not Rated		Not Rated	

16B:

Table ENG-2. - Construction Materials - Continued

Henry 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
16B:							
Orenda	85	Fair		Poor		Fair	
		Too clayey	0.08	Low strength	0.00	Too Clayey	0.05
		Low content of organic matter	0.13				
		Too acid	0.74				
Spriggs	8	Not Rated		Not Rated		Not Rated	
Minnieville	7	Not Rated		Not Rated		Not Rated	
17C:							
Orenda	75	Fair		Poor		Fair	
		Too clayey	0.08	Low strength	0.00	Too Clayey	0.05
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.74				
Spriggs	15	Fair		Poor		Fair	
		Droughty	0.01	Depth to bedrock	0.00	Depth to bedrock	0.54
		Low content of organic matter	0.13			Slope	0.63
		Depth to bedrock	0.54			Too acid	0.98
Minnieville	10	Not Rated		Not Rated		Not Rated	
17D:							
Orenda	55	Fair		Poor		Poor	
		Too clayey	0.08	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too Clayey	0.05
		Too acid	0.74				
Spriggs	35	Fair		Poor		Poor	
		Droughty	0.01	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Depth to bedrock	0.54
		Depth to bedrock	0.54			Too acid	0.98
Minnieville	10	Not Rated		Not Rated		Not Rated	
17E:							
Orenda	55	Fair		Poor		Poor	
		Too clayey	0.08	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too Clayey	0.05
		Too acid	0.74				

Table ENG-2. - Construction Materials - Continued

Henry 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
17E:							
Spriggs	35	Fair		Poor		Poor	
		Droughty	0.01	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Depth to bedrock	0.54
		Depth to bedrock	0.54			Too acid	0.98
Minnieville	10	Not Rated		Not Rated		Not Rated	
18B:							
Stoneville	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Depth to bedrock	0.39	Too acid	0.98
		Too acid	0.54	Shrink-swell	0.99		
Creedmoor	6	Not Rated		Not Rated		Not Rated	
Leaksville	4	Not Rated		Not Rated		Not Rated	
Ayersville	3	Not Rated		Not Rated		Not Rated	
Mayodan	2	Not Rated		Not Rated		Not Rated	
19:							
Udorthents	55	Not Rated		Not Rated		Not Rated	
Urban land	30	Not Rated		Not Rated		Not Rated	
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	
Orenda	3	Not Rated		Not Rated		Not Rated	
Minnieville	2	Not Rated		Not Rated		Not Rated	
Woolwine	2	Not Rated		Not Rated		Not Rated	
20:							
Udorthents	85	Not Rated		Not Rated		Not Rated	
Spriggs	5	Not Rated		Not Rated		Not Rated	
Clifford	3	Not Rated		Not Rated		Not Rated	
Orenda	3	Not Rated		Not Rated		Not Rated	
Minnieville	2	Not Rated		Not Rated		Not Rated	
Woolwine	2	Not Rated		Not Rated		Not Rated	

21B:

Table ENG-2. - Construction Materials - Continued

Henry 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
21B:							
Woolwine	55	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	0.76
		Droughty	0.15	Low strength	>0.99	Depth to bedrock	0.90
Clifford	40	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.94	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	>0.99	Too acid	0.76
		Too acid	0.21				
Minnieville	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	2	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
21C:							
Woolwine	55	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope	0.63
		Droughty	0.15	Low strength	>0.99	Too acid	0.76
Clifford	40	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.94	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	>0.99	Slope	0.63
		Too acid	0.21			Too acid	0.76
Minnieville	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	2	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
21D:							
Woolwine	55	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too Clayey	0.00
		Droughty	0.15	Shrink-swell	0.87	Too acid	0.76
Clifford	40	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.50	Slope	0.00
		Low content of organic matter	0.13			Too Clayey	0.00
		Too acid	0.50			Too acid	0.76
Minnieville	2	Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Henry 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
21D:							
Rock outcrop	2	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
21E:							
Woolwine	55	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too Clayey	0.00
		Droughty	0.15	Shrink-swell	0.87	Too acid	0.76
Clifford	40	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13			Too Clayey	0.00
		Too acid	0.50			Too acid	0.76
Minnieville	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	2	Not Rated		Not Rated		Not Rated	
Woolwine	1	Not Rated		Not Rated		Not Rated	
22C:							
Woolwine	50	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope	0.63
		Droughty	0.15	Low strength	>0.99	Too acid	0.76
Urban land	40	Not Rated		Not Rated		Not Rated	
Clifford	2	Not Rated		Not Rated		Not Rated	
Minnieville	2	Not Rated		Not Rated		Not Rated	
Rock outcrop	1	Not Rated		Not Rated		Not Rated	
DAM:							
Dam	100	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	