

Table ENG-2. - Construction Materials

Franklin 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
1C:							
Ashe	40	Poor		Poor		Fair	
		Droughty	0.00	Depth to bedrock	0.00	Depth to bedrock	0.16
		Depth to bedrock	0.16	Low strength	0.00	Slope	0.37
		Too acid	0.50			Rock fragments	0.60
Edneyville	30	Fair		Poor		Fair	
		Too acid	0.54	Low strength	0.00	Slope	0.37
						Rock fragments	0.88
						Too acid	0.98
Peaks	20	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.54	Cobble content	0.64	Depth to bedrock	0.84
2D:							
Ashe	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.16	Low strength	0.00	Depth to bedrock	0.16
		Too acid	0.50	Slope	0.50	Rock fragments	0.60
Peaks	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.00
		Too acid	0.54	Slope	0.50	Depth to bedrock	0.84
Edneyville	25	Fair		Poor		Poor	
		Too acid	0.54	Low strength	0.00	Slope	0.00
				Slope	0.50	Rock fragments	0.88
						Too acid	0.98
3D:							
Bluemount	35	Fair		Poor		Poor	
		Depth to bedrock	0.10	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.02
		Droughty	0.27	Slope	0.50	Depth to bedrock	0.10
Redbrush	25	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.00
		Droughty	0.13	Shrink-swell	0.13	Depth to bedrock	0.54

Table ENG-2. - Construction Materials - Continued

Franklin 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
3D:							
Spriggs	15	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Rock fragments	0.41
		Depth to bedrock	0.99	Slope	0.50	Too acid	0.98
4E:							
Bluemount	50	Fair		Poor		Poor	
		Depth to bedrock	0.10	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.02
		Droughty	0.27	Low strength	0.00	Depth to bedrock	0.10
Spriggs	25	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.54	Slope	0.00	Rock fragments	0.41
		Depth to bedrock	0.99	Low strength	0.00	Too acid	0.98
5C:							
Bluemount	55	Fair		Poor		Fair	
		Depth to bedrock	0.10	Depth to bedrock	0.00	Rock fragments	0.02
		Low content of organic matter	0.13	Low strength	0.00	Depth to bedrock	0.10
		Droughty	0.27	Shrink-swell	0.87	Slope	0.37
Spriggs	20	Fair		Poor		Fair	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.37
		Too acid	0.54	Low strength	0.00	Rock fragments	0.41
		Depth to bedrock	0.99	Shrink-swell	0.87	Too acid	0.98
Redbrush	15	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Droughty	0.13	Shrink-swell	0.13	Depth to bedrock	0.54
6C:							
Brownwood	50	Fair		Poor		Fair	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Rock fragments	0.18
		Droughty	0.43	Low strength	0.00	Slope	0.37
		Too acid	0.50	No cobble limitation	>0.99	Too acid	0.88
Chandler	40	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.50			Hard to reclaim	0.88
						Rock fragments	0.88

6D:

Table ENG-2. - Construction Materials - Continued

Franklin 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
6D:							
Brownwood	60	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.43	Low strength	0.00	Rock fragments	0.18
		Too acid	0.50	Slope	0.50	Too acid	0.88
Chandler	30	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.50	Slope	0.50	Hard to reclaim	0.88
						Rock fragments	0.88
6E:							
Brownwood	50	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.43	Slope	0.00	Rock fragments	0.18
		Too acid	0.50	Low strength	0.00	Too acid	0.88
Chandler	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50	Low strength	0.00	Hard to reclaim	0.88
						Rock fragments	0.88
6F:							
Brownwood	50	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.43	Slope	0.00	Rock fragments	0.18
		Too acid	0.50	Low strength	0.00	Too acid	0.88
Chandler	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50	Low strength	0.00	Hard to reclaim	0.88
						Rock fragments	0.88
7B:							
Clifford	93	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too acid	0.98
		Too acid	0.54				
7C:							
Clifford	93	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.54			Too acid	0.98

7D:

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
7D:							
Clifford	90	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.54	Slope	0.50	Too acid	0.98
8E:							
Clifford	75	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Too acid	0.98
Hickoryknob	17	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.05	Slope	0.00	Depth to bedrock	0.05
		Low content of organic matter	0.13	Low strength	0.00	Too acid	0.50
9C:							
Clifford	75	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.54			Too acid	0.98
Urban land	20	Not rated		Not rated		Not rated	
10B:							
Colescreek	50	Fair		Poor		Fair	
		Too clayey	0.68	Low strength	0.00	Too clayey	0.49
		Low content of organic matter	0.88	Depth to saturated zone	0.89	Rock fragments	0.60
		Too acid	0.97			Depth to saturated zone	0.89
Delanco	30	Poor		Poor		Fair	
		Low content of organic matter	0.00	Low strength	0.00	Depth to saturated zone	0.53
		Too acid	0.32	Depth to saturated zone	0.53	Hard to reclaim	0.82
				Shrink-swell	>0.99	Too acid	0.88
11A:							
Comus	45	Fair		Poor		Fair	
		Too acid	0.54	Low strength	0.00	Too acid	0.98
		Water erosion	0.90				
Elsinboro	20	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too acid	0.88
		Too acid	0.50				

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
11A:							
Maggodee	20	Fair		Poor		Fair	
		Too acid	0.54	Low strength	0.00	Depth to saturated zone	0.14
		Water erosion	0.90	Depth to saturated zone	0.14	Too acid	0.98
12C:							
Cowee	40	Fair		Poor		Fair	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.37
		Droughty	0.50	Low strength	0.00	Depth to bedrock	0.54
		Too acid	0.50			Rock fragments	0.60
Clifffield	25	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Cobble content	0.04	Low strength	0.00	Depth to bedrock	0.05
		Depth to bedrock	0.05	Cobble content	0.04	Slope	0.37
Evard	25	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.54			Rock fragments	0.50
						Hard to reclaim	0.98
12D:							
Cowee	40	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.50	Low strength	0.00	Depth to bedrock	0.54
		Too acid	0.50	Slope	0.50	Rock fragments	0.60
Clifffield	25	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Cobble content	0.04	Low strength	0.00	Rock fragments	0.00
		Depth to bedrock	0.05	Cobble content	0.04	Depth to bedrock	0.05
Evard	25	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.54	Slope	0.50	Rock fragments	0.50
						Hard to reclaim	0.98
12E:							
Cowee	40	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.50	Slope	0.00	Depth to bedrock	0.54
		Too acid	0.50	Low strength	0.00	Rock fragments	0.60
Clifffield	25	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Cobble content	0.04	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.05	Low strength	0.00	Depth to bedrock	0.05

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
12E:							
Evard	25	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Rock fragments	0.50
						Hard to reclaim	0.98
13D:							
Cullasaja	45	Fair		Poor		Poor	
		Too acid	0.54	Low strength	0.00	Slope	0.00
		Droughty	0.94	Slope	0.50	Rock fragments	0.00
						Hard to reclaim	0.26
Tuckasegee	40	Fair		Poor		Poor	
		Too acid	0.54	Low strength	0.00	Slope	0.00
				Slope	0.50	Hard to reclaim	0.60
				Cobble content	0.95	Rock fragments	0.60
13E:							
Cullasaja	40	Fair		Poor		Poor	
		Too acid	0.54	Slope	0.00	Slope	0.00
		Droughty	0.94	Low strength	0.00	Rock fragments	0.00
						Hard to reclaim	0.26
Tuckasegee	40	Fair		Poor		Poor	
		Too acid	0.54	Slope	0.00	Slope	0.00
				Low strength	0.00	Hard to reclaim	0.60
				Cobble content	0.95	Rock fragments	0.60
14C:							
Cullasaja	40	Fair		Poor		Poor	
		Too acid	0.54	Low strength	0.00	Rock fragments	0.00
		Droughty	0.94			Hard to reclaim	0.26
						Slope	0.84
Tuckasegee	25	Fair		Poor		Fair	
		Too acid	0.54	Low strength	0.00	Hard to reclaim	0.60
				Cobble content	0.95	Rock fragments	0.60
						Slope	0.84
Dellwood	20	Poor		Poor		Poor	
		Droughty	0.00	Low strength	0.00	Rock fragments	0.00
		Too sandy	0.01	Cobble content	0.30	Hard to reclaim	0.00
		Low content of organic matter	0.50	Depth to saturated zone	0.53	Too sandy	0.01

15E:

Table ENG-2. - Construction Materials - Continued

Franklin 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
15E:							
Drapermill	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Rock fragments	0.41
		Droughty	0.88	Low strength	0.00	Too acid	0.50
16C:							
Edneytown	65	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.32			Too acid	0.88
						Rock fragments	0.96
Sauratown	25	Fair		Poor		Fair	
		Droughty	0.03	Depth to bedrock	0.00	Depth to bedrock	0.21
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Depth to bedrock	0.21			Rock fragments	0.41
16D:							
Edneytown	70	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.32	Slope	0.50	Too acid	0.88
						Rock fragments	0.96
Sauratown	25	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Depth to bedrock	0.21
		Depth to bedrock	0.21	Slope	0.50	Rock fragments	0.41
16E:							
Edneytown	65	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 acid	0.88
						Rock fragments	0.96
Sauratown	25	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Depth to bedrock	0.21
		Depth to bedrock	0.21	Low strength	0.00	Rock fragments	0.41
16F:							
Edneytown	65	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 acid	0.88
						Rock fragments	0.96

Table ENG-2. - Construction Materials - Continued

Franklin 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
16F:							
Sauratown	25	Fair		Poor		Poor	
		Droughty	0.03	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Depth to bedrock	0.21
		Depth to bedrock	0.21	Low strength	0.00	Rock fragments	0.41
17B:							
Elsinboro	75	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too acid	0.88
		Too acid	0.50				
Colescreek	20	Fair		Poor		Fair	
		Too clayey	0.68	Low strength	0.00	Too clayey	0.49
		Low content of organic matter	0.88	Depth to saturated zone	0.89	Rock fragments	0.60
		Too acid	0.97			Depth to saturated zone	0.89
18E:							
Goblintown	45	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
		Too acid	0.54	Low strength	0.00	Rock fragments	0.82
Drapermill	20	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Rock fragments	0.41
		Droughty	0.88	Low strength	0.00	Too acid	0.50
Penhook	10	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Too acid	0.08	Low strength	0.00	Too clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.99	Too acid	0.50
19C:							
Hayesville	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too clayey	0.00
		Low content of organic matter	0.13			Slope	0.37
		Too acid	0.21			Too acid	0.76
19D:							
Hayesville	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too clayey	0.00
		Too acid	0.21			Too acid	0.76

Table ENG-2. - Construction Materials - Continued

Franklin 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
20E:							
Hayesville	85	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.00
		Too acid	0.21			Too acid	0.76
21F:							
Hickoryknob	75	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.05	Slope	0.00	Depth to bedrock	0.05
		Low content of organic matter	0.13	Low strength	0.00	Too acid	0.50
Rhodhiss	15	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Too acid	0.98
						Rock fragments	>0.99
22C:							
Hickoryknob	35	Fair		Poor		Fair	
		Droughty	0.04	Depth to bedrock	0.00	Depth to bedrock	0.05
		Depth to bedrock	0.05	Low strength	0.00	Slope	0.37
		Low content of organic matter	0.13			Too acid	0.50
Rhodhiss	30	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.54			Too acid	0.98
						Rock fragments	>0.99
Stott Knob	25	Fair		Poor		Fair	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.37
		Too acid	0.54	Low strength	0.00	Rock fragments	0.98
		Droughty	0.82			Too acid	0.98
22D:							
Hickoryknob	35	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.05	Low strength	0.00	Depth to bedrock	0.05
		Low content of organic matter	0.13	Slope	0.50	Too acid	0.50
Rhodhiss	30	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.54	Slope	0.50	Too acid	0.98
						Rock fragments	>0.99

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
22D:							
Stott Knob	25	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Rock fragments	0.98
		Droughty	0.82	Slope	0.50	Too acid	0.98
22E:							
Hickoryknob	45	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.05	Slope	0.00	Depth to bedrock	0.05
		Low content of organic matter	0.13	Low strength	0.00	Too acid	0.50
Rhodhiss	25	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Too acid	0.98
						Rock fragments	>0.99
Stott Knob	20	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.54	Slope	0.00	Rock fragments	0.98
		Droughty	0.82	Low strength	0.00	Too acid	0.98
23A:							
lotla	30	Fair		Poor		Poor	
		Low content of organic matter	0.50	Low strength	0.00	Hard to reclaim	0.00
		Too acid	0.74	Depth to saturated zone	0.14	Depth to saturated zone	0.14
Colescreek	25	Fair		Poor		Fair	
		Too clayey	0.68	Low strength	0.00	Too clayey	0.49
		Low content of organic matter	0.88	Depth to saturated zone	0.89	Rock fragments	0.60
		Too acid	0.97			Depth to saturated zone	0.89
Maggodee	25	Fair		Poor		Fair	
		Too acid	0.54	Low strength	0.00	Depth to saturated zone	0.14
		Water erosion	0.90	Depth to saturated zone	0.14	Too acid	0.98
24B:							
Jackland	35	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.00
		Water erosion	0.90	Shrink-swell	0.00	Rock fragments	0.98

Table ENG-2. - Construction Materials - Continued

Franklin 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
24B:							
Mirerock	30	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Low content of organic matter	0.13	Low strength	0.00	Depth to bedrock	0.90
		Droughty	0.89	Shrink-swell	0.56	Rock fragments	0.98
Redbrush	20	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Low content of organic matter	0.13	Low strength	0.00	Depth to bedrock	0.54
		Droughty	0.13	Shrink-swell	0.13	Rock fragments	0.98
24C:							
Jackland	35	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.00
		Water erosion	0.90	Shrink-swell	0.00	Slope	0.37
Mirerock	30	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Droughty	0.89	Shrink-swell	0.56	Depth to bedrock	0.90
Redbrush	20	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Droughty	0.13	Shrink-swell	0.13	Depth to bedrock	0.54
25C:							
Littlejoe	40	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	0.16	Slope	0.37
		Too acid	0.50	Shrink-swell	0.87	Too acid	0.88
Penhook	35	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too clayey	0.00
		Too acid	0.08	Shrink-swell	0.99	Slope	0.37
		Low content of organic matter	0.13			Too acid	0.50
Goblintown	15	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.54	Shrink-swell	0.87	Rock fragments	0.82

25D:

Table ENG-2. - Construction Materials - Continued

Franklin 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
25D:							
Littlejoe	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Depth to bedrock	0.16	Too clayey	0.00
		Too acid	0.50	Slope	0.50	Too acid	0.88
Penhook	35	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Too acid	0.08	Slope	0.50	Too clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.99	Too acid	0.50
Goblintown	15	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.00
		Too acid	0.54	Slope	0.50	Rock fragments	0.82
26C:							
Littlejoe	40	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	0.16	Slope	0.37
		Too acid	0.50	Shrink-swell	0.87	Too acid	0.88
Strawfield	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Too clayey	0.00	Low strength	0.00	Depth to bedrock	0.03
		Depth to bedrock	0.03	Shrink-swell	0.87	Slope	0.37
Penhook	25	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too clayey	0.00
		Too acid	0.08	Shrink-swell	0.99	Slope	0.37
		Low content of organic matter	0.13			Too acid	0.50
26D:							
Littlejoe	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Depth to bedrock	0.16	Too clayey	0.00
		Too acid	0.50	Slope	0.50	Too acid	0.88
Strawfield	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Too clayey	0.00	Low strength	0.00	Too clayey	0.00
		Depth to bedrock	0.03	Slope	0.50	Depth to bedrock	0.03

Table ENG-2. - Construction Materials - Continued

Franklin 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
26D:							
Penhook	25	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Too acid	0.08	Slope	0.50	Too clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.99	Too acid	0.50
27B:							
Minnieville	90	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	Rock fragments	0.76
		Too acid	0.74				
27C:							
Minnieville	90	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	0.37
		Too acid	0.74			Rock fragments	0.76
27D:							
Minnieville	90	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too clayey	0.00
		Too acid	0.74	Shrink-swell	0.87	Rock fragments	0.76
27E:							
Minnieville	90	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.00
		Too acid	0.74	Shrink-swell	0.87	Rock fragments	0.76
28C:							
Minnieville	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	0.87	Slope	0.37
		Too acid	0.74			Rock fragments	0.76
Orenda	25	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.84			Rock fragments	0.76

Table ENG-2. - Construction Materials - Continued

Franklin 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
28C:							
Redbrush	25	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Droughty	0.13	Shrink-swell	0.13	Depth to bedrock	0.54
28D:							
Minnieville	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too clayey	0.00
		Too acid	0.74	Shrink-swell	0.87	Rock fragments	0.76
Orenda	25	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.84	Slope	0.50	Rock fragments	0.76
Redbrush	25	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.00
		Droughty	0.13	Shrink-swell	0.13	Depth to bedrock	0.54
29C:							
Minnieville	75	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	0.37
		Too acid	0.74			Rock fragments	0.76
Urban land	20	Not rated		Not rated		Not rated	
30C:							
Myersville	90	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.74	Depth to bedrock	0.99	Hard to reclaim	0.76
						Rock fragments	0.76
30D:							
Myersville	90	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.74	Slope	0.50	Hard to reclaim	0.76
				Depth to bedrock	0.99	Rock fragments	0.76
31E:							
Myersville	45	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.74	Low strength	0.00	Hard to reclaim	0.76
				Depth to bedrock	0.99	Rock fragments	0.76

Table ENG-2. - Construction Materials - Continued

Franklin 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
31E:							
Walnut	35	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Depth to bedrock	0.16
		Depth to bedrock	0.16	Low strength	0.00	Rock fragments	0.68
32F:							
Myersville	45	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.74	Low strength	0.00	Hard to reclaim	0.76
				Depth to bedrock	0.99	Rock fragments	0.76
Walnut	35	Fair		Poor		Poor	
		Droughty	0.04	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Depth to bedrock	0.16
		Depth to bedrock	0.16	Low strength	0.00	Rock fragments	0.68
33E:							
Peaks	40	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	0.54	Low strength	0.00	Depth to bedrock	0.84
Ashe	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.16	Slope	0.00	Depth to bedrock	0.16
		Too acid	0.50	Low strength	0.00	Rock fragments	0.60
Edneyville	20	Fair		Poor		Poor	
		Too acid	0.54	Slope	0.00	Slope	0.00
				Low strength	0.00	Rock fragments	0.88
						Too acid	0.98
33F:							
Peaks	40	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	0.54	Low strength	0.00	Depth to bedrock	0.84
Ashe	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.16	Slope	0.00	Depth to bedrock	0.16
		Too acid	0.50	Low strength	0.00	Rock fragments	0.60

Table ENG-2. - Construction Materials - Continued

Franklin 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
33F:							
Edneyville	20	Fair		Poor		Poor	
		Too acid	0.54	Slope	0.00	Slope	0.00
				Low strength	0.00	Rock fragments	0.88
						Too acid	0.98
34F:							
Siloam	65	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.88
Bluemount	20	Fair		Poor		Poor	
		Depth to bedrock	0.10	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.02
		Droughty	0.27	Low strength	0.00	Depth to bedrock	0.10
35C:							
Thurmont	55	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.29
		Too acid	0.32			Slope	0.37
		Too clayey	0.50			Rock fragments	0.82
Urban land	20	Not rated		Not rated		Not rated	
Wintergreen	15	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.10
		Too clayey	0.18	Shrink-swell	0.87	Slope	0.37
		Too acid	0.50			Rock fragments	0.82
36B:							
Thurmont	65	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.29
		Too acid	0.32			Rock fragments	0.82
		Too clayey	0.50			Too acid	0.88
Wintergreen	20	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.10
		Too clayey	0.18	Shrink-swell	0.87	Rock fragments	0.82
		Too acid	0.50			Too acid	0.88
36C:							

Table ENG-2. - Construction Materials - Continued

Franklin 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
36C:							
Thurmont	65	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.29
		Too acid	0.32			Slope	0.37
		Too clayey	0.50			Rock fragments	0.82
Wintergreen	20	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.10
		Too clayey	0.18	Shrink-swell	0.87	Slope	0.37
		Too acid	0.50			Rock fragments	0.82
36D:							
Thurmont	65	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.32	Slope	0.50	Too clayey	0.29
		Too clayey	0.50			Rock fragments	0.82
Wintergreen	20	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too clayey	0.18	Slope	0.50	Too clayey	0.10
		Too acid	0.50	Shrink-swell	0.87	Rock fragments	0.82
37E:							
Trimont	45	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Rock fragments	0.41
						Too acid	0.98
Porters	35	Fair		Poor		Poor	
		Low content of organic matter	0.50	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Hard to reclaim	0.88
				Depth to bedrock	0.07	Rock fragments	0.88
37F:							
Trimont	45	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Rock fragments	0.41
						Too acid	0.98
Porters	35	Fair		Poor		Poor	
		Low content of organic matter	0.50	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Hard to reclaim	0.88
				Depth to bedrock	0.07	Rock fragments	0.88

38C:

Table ENG-2. - Construction Materials - Continued

Franklin 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
38C:							
Watauga	60	Fair		Poor		Fair	
		Low content of organic matter	0.02	Low strength	0.00	Slope	0.37
		Too acid	0.54			Hard to reclaim	0.88
Brownwood	35	Fair		Poor		Fair	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Rock fragments	0.18
		Droughty	0.43	Low strength	0.00	Slope	0.37
		Too acid	0.50	No cobble limitation	>0.99	Too acid	0.88
38D:							
Watauga	60	Fair		Poor		Poor	
		Low content of organic matter	0.02	Low strength	0.00	Slope	0.00
		Too acid	0.54	Slope	0.50	Hard to reclaim	0.88
Brownwood	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.43	Low strength	0.00	Rock fragments	0.18
		Too acid	0.50	Slope	0.50	Too acid	0.88
38E:							
Watauga	60	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Hard to reclaim	0.88
Brownwood	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.43	Slope	0.00	Rock fragments	0.18
		Too acid	0.50	Low strength	0.00	Too acid	0.88
39B:							
Wintergreen	95	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.10
		Too clayey	0.18	Shrink-swell	0.87	Rock fragments	0.82
		Too acid	0.50			Too acid	0.88
39C:							
Wintergreen	95	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.10
		Too clayey	0.18	Shrink-swell	0.87	Slope	0.37
		Too acid	0.50			Rock fragments	0.82

39D:

Table ENG-2. - Construction Materials - Continued

Franklin 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
39D:							
Wintergreen	90	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too clayey	0.18	Slope	0.50	Too clayey	0.10
		Too acid	0.50	Shrink-swell	0.87	Rock fragments	0.82
40C:							
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	Low strength	0.00	Depth to bedrock	0.35
		Droughty	0.16			Slope	0.37
Fairview	30	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.10	Too clayey	0.00
		Low content of organic matter	0.02			Slope	0.37
		Too acid	0.54			Rock fragments	0.98
Westfield	15	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	Slope	0.37
		Too acid	0.54			Rock fragments	0.96
40D:							
Woolwine	55	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.00
		Droughty	0.16	Slope	0.50	Depth to bedrock	0.35
Fairview	25	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	0.10	Slope	0.00
		Low content of organic matter	0.02	Slope	0.50	Too clayey	0.00
		Too acid	0.54			Rock fragments	0.98
Westfield	15	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Depth to bedrock	0.39	Too clayey	0.00
		Too acid	0.54	Slope	0.50	Rock fragments	0.96
40E:							
Woolwine	45	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	0.16	Low strength	0.00	Depth to bedrock	0.35

Table ENG-2. - Construction Materials - Continued

Franklin 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
40E:							
Fairview	25	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.02	Low strength	0.10	Too clayey	0.00
		Too acid	0.54			Rock fragments	0.98
Westfield	10	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Low strength	0.00	Too clayey	0.00
		Too acid	0.54	Depth to bedrock	0.39	Rock fragments	0.96
W:							
Water	100	Not rated		Not rated		Not rated	