

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany 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 as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1A:							
Alonzville, loam, rarely flooded	80	Fair		Poor		Fair	
		Too acid	0.46	Low strength	0.00	Rock fragments	0.68
		Low content of organic matter	0.88			Too acid	0.96
2A:							
Alonzville, loam, protected	80	Fair		Poor		Fair	
		Too acid	0.46	Low strength	0.00	Rock fragments	0.68
		Low content of organic matter	0.88			Too acid	0.96
3C:							
Alticrest, channery sandy loam, very stony	50	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	0.50			Depth to bedrock	0.54
Dekalb, channery sandy loam, very stony							
	30	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	0.50			Too acid	0.50
4D:							
Berks, channery silt loam	80	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
		Depth to bedrock	0.29	Slope	0.00	Depth to bedrock	0.29
4E:							
Berks, channery silt loam	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
		Depth to bedrock	0.29	Low strength	0.00	Depth to bedrock	0.29
5C:							
Berks, channery silt loam	55	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	Depth to bedrock	0.29
		Depth to bedrock	0.29			Slope	0.37

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
5C:							
Weikert, channery silt loam	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.00	Low strength	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.13			Slope	0.37
6F:							
Berks, channery silt loam	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
		Depth to bedrock	0.29	Low strength	0.00	Depth to bedrock	0.29
Weikert, channery silt loam	15	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	Low strength	0.00	Depth to bedrock	0.00
7D:							
Berks, channery silt loam, very stony	70	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
		Depth to bedrock	0.29	Slope	0.00	Depth to bedrock	0.29
Weikert, channery silt loam, very stony	25	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Low strength	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Slope	0.00	Depth to bedrock	0.00
7E:							
Berks, channery silt loam, very stony	55	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
		Depth to bedrock	0.29	Low strength	0.00	Depth to bedrock	0.29
Weikert, channery silt loam, very stony	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	0.13	Low strength	0.00	Depth to bedrock	0.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
8E:							
Caneyville, silt loam, very rocky	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.02	Slope	0.00	Too clayey	0.00
		Depth to bedrock	0.46	Low strength	0.00	Depth to bedrock	0.46
8F:							
Caneyville, silt loam, very rocky	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.02	Slope	0.00	Too clayey	0.00
		Depth to bedrock	0.46	Low strength	0.00	Depth to bedrock	0.46
9D:							
Caneyville, silt loam, karst, very rocky	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.02	Low strength	0.00	Too clayey	0.00
		Depth to bedrock	0.46	Slope	0.00	Depth to bedrock	0.46
10C:							
Caneyville, silt loam, karst	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Low content of organic matter	0.02	Low strength	0.00	Depth to bedrock	0.46
		Depth to bedrock	0.46	Shrink-swell	0.87	Slope	0.63
Frederick, silt loam, karst	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	0.63
		Too acid	0.54			Too acid	0.98
10D:							
Caneyville, silt loam, karst	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.02	Low strength	0.00	Too clayey	0.00
		Depth to bedrock	0.46	Slope	0.00	Depth to bedrock	0.46
Frederick, silt loam, karst	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too clayey	0.00
		Too acid	0.54	Shrink-swell	0.87	Too acid	0.98

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10E:							
Caneyville, silt loam, karst	60	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.02	Slope	0.00	Too clayey	0.00
		Depth to bedrock	0.46	Low strength	0.00	Depth to bedrock	0.46
Frederick, silt loam, karst	35	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	Shrink-swell	0.87	Too acid	0.98
11B:							
Cottonbend, silt loam	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Hard to reclaim	0.32
		Too acid	0.46			Too acid	0.96
Purdy		Not rated		Not rated		Not rated	
11C:							
Cottonbend, silt loam	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Hard to reclaim	0.32
		Too acid	0.46			Slope	0.63
						Too acid	0.96
Purdy		Not rated		Not rated		Not rated	
12B:							
Cottonbend, silt loam	50	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Hard to reclaim	0.32
		Too acid	0.46			Too acid	0.96
Urban land	35	Not rated		Not rated		Not rated	
Purdy		Not rated		Not rated		Not rated	
12C:							
Cottonbend, silt loam	50	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Hard to reclaim	0.32
		Too acid	0.46			Slope	0.63
						Too acid	0.96
Urban land	35	Not rated		Not rated		Not rated	
Purdy		Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13A:							
Coursey, silt loam, rarely flooded	80	Fair		Poor		Fair	
		Too acid	0.50	Low strength	0.00	Depth to saturated zone	0.53
		Low content of organic matter	0.88	Depth to saturated zone	0.53	Too acid	0.96
Purdy	1	Not rated		Not rated		Not rated	
14B:							
Coursey, silt loam, rarely flooded	30	Fair		Poor		Fair	
		Too acid	0.50	Low strength	0.00	Depth to saturated zone	0.53
		Low content of organic matter	0.88	Depth to saturated zone	0.53	Too acid	0.96
Ogles, very cobbly loam, occasionally flooded	30	Poor		Poor		Poor	
		Droughty	0.00	Low strength	0.00	Rock fragments	0.00
		Cobble content	0.43	Cobble content	0.00	Hard to reclaim	0.00
		Too acid	0.50			Too acid	0.96
Shelocta, silt loam	30	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.00
		Too acid	0.32			Hard to reclaim	0.84
						Too acid	0.96
Purdy or other poorly drained soils	1	Not rated		Not rated		Not rated	
15F:							
DeKalb, channery sandy loam, extremely stony	60	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	Low strength	0.00	Too acid	0.50
16D:							
DeKalb, channery sandy loam, very stony	60	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	0.50	Slope	0.00	Too acid	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
16D:							
Alticrest, channery sandy loam, very stony	25	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	0.50	Slope	0.00	Depth to bedrock	0.54
16E:							
Dekalb, channery sandy loam, very stony	60	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	Low strength	0.00	Too acid	0.50
Alticrest, channery sandy loam, very stony	25	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	Low strength	0.00	Depth to bedrock	0.54
17D:							
Dekalb, channery sandy loam, very stony	40	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	0.50	Slope	0.00	Too acid	0.50
Lily, sandy loam, very stony	30	Fair		Poor		Poor	
		Low content of organic matter	0.18	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.26	Low strength	0.00	Rock fragments	0.25
		Too acid	0.50	Slope	0.00	Too acid	0.60
McClung, sandy loam	15	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Too acid	0.76
18E:							
Dekalb, channery sandy loam, very stony	65	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	Low strength	0.00	Too acid	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
18E:							
Lily, sandy loam, very stony	20	Fair		Poor		Poor	
		Low content of organic matter	0.18	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.26	Slope	0.00	Rock fragments	0.25
		Too acid	0.50	Low strength	0.00	Too acid	0.60
19E:							
Dekalb, channery sandy loam, extremely stony	60	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	Low strength	0.00	Too acid	0.50
Rock outcrop	30	Not rated		Not rated		Not rated	
20E:							
Dekalb, channery sandy loam, very stony	35	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	Low strength	0.00	Too acid	0.50
Watahala, very gravelly sandy loam	30	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50	Low strength	0.00	Rock fragments	0.00
						Too acid	0.76
McClung, sandy loam	20	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50	Low strength	0.00	Too acid	0.76
21A:							
Dunning, silt loam, occasionally flooded	75	Fair		Poor		Poor	
		Too clayey	0.08	Depth to saturated zone	0.00	Depth to saturated zone	0.00
				Low strength	0.00	Too clayey	0.08
				Shrink-swell	0.87		
22B:							
Escatawba, loam, very stony	80	Fair		Poor		Fair	
		Too acid	0.08	Low strength	0.00	Too acid	0.50
		Low content of organic matter	0.13	Depth to saturated zone	0.89	Depth to saturated zone	0.89
		Water erosion	0.90				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
22B:							
Poorly drained soils		Not rated		Not rated		Not rated	
22C:							
Escatawba, loam, very stony	80	Fair		Poor		Fair	
		Too acid	0.08	Low strength	0.00	Slope	0.37
		Low content of organic matter	0.13	Depth to saturated zone	0.89	Too acid	0.50
		Water erosion	0.90			Depth to saturated zone	0.89
Poorly drained soils		Not rated		Not rated		Not rated	
22D:							
Escatawba, loam, very stony	75	Fair		Poor		Poor	
		Too acid	0.08	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too acid	0.50
		Water erosion	0.90	Depth to saturated zone	0.89	Depth to saturated zone	0.89
23C:							
Faywood, silty clay loam	50	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	0.10
		Depth to bedrock	0.10	Shrink-swell	0.87	Slope	0.37
Poplimento, silty clay loam	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too clayey	0.00
		Low content of organic matter	0.02	Shrink-swell	0.49	Slope	0.37
		Too acid	0.50			No acidity limitation	0.99
23D:							
Faywood, silty clay loam	50	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	0.10	Slope	0.00	Depth to bedrock	0.10
Poplimento, silty clay loam	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.02	Slope	0.00	Too clayey	0.00
		Too acid	0.50	Shrink-swell	0.49	No acidity limitation	0.99
23E:							
Faywood, silty clay loam	45	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Too clayey	0.00	Slope	0.00	Too clayey	0.00
		Depth to bedrock	0.10	Low strength	0.00	Depth to bedrock	0.10

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
23E:							
Poplimento, silty clay loam	35	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.02	Low strength	0.00	Too clayey	0.00
		Too acid	0.50	Shrink-swell	0.49	No acidity limitation	0.99
24C:							
Frederick, silt loam	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	0.54			Too acid	0.98
24D:							
Frederick, silt loam	75	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	0.54	Shrink-swell	0.87	Too acid	0.98
25C:							
Frederick, gravelly silt loam	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	0.87	Slope	0.37
		Too acid	0.54			Too acid	0.98
Watahala, very gravelly sandy loam	40	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.00
		Too acid	0.50			Slope	0.37
						Too acid	0.76
25D:							
Frederick, gravelly silt loam	50	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too clayey	0.00
		Too acid	0.54	Shrink-swell	0.87	Too acid	0.98
Watahala, very gravelly sandy loam	40	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Rock fragments	0.00
						Too acid	0.76

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
26C:							
Gilpin, silt loam	80	Fair		Poor		Poor	
		Low content of organic matter	0.02	Depth to bedrock	0.00	Rock fragments	0.00
		Too acid	0.50	Low strength	0.00	Slope	0.37
		Droughty	0.63			Depth to bedrock	0.71
26D:							
Gilpin, silt loam	85	Fair		Poor		Poor	
		Low content of organic matter	0.02	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Low strength	0.00	Rock fragments	0.00
		Droughty	0.63	Slope	0.50	Depth to bedrock	0.71
27A:							
Gladehill, loam, occasionally flooded	80	Fair		Poor		Fair	
		Too sandy	0.99	Low strength	0.00	Too sandy	0.99
28A:							
Gladehill, loam, protected	80	Fair		Poor		Fair	
		Too sandy	0.99	Low strength	0.00	Too sandy	0.99
29:							
Landfills	85	Not rated		Not rated		Not rated	
30C:							
Lehew, channery sandy loam, very stony	50	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	Depth to bedrock	0.29
		Depth to bedrock	0.29			Slope	0.37
Berks, channery silt loam, very stony	45	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	Depth to bedrock	0.29
		Depth to bedrock	0.29			Slope	0.37
30D:							
Lehew, channery sandy loam, very stony	50	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
		Depth to bedrock	0.29	Slope	0.00	Depth to bedrock	0.29

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
30D:							
Berks, channery silt loam, very stony	45	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
		Depth to bedrock	0.29	Slope	0.00	Depth to bedrock	0.29
30E:							
Lehew, channery sandy loam, very stony	45	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
		Depth to bedrock	0.29	Low strength	0.00	Depth to bedrock	0.29
Berks, channery silt loam, very stony	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
		Depth to bedrock	0.29	Low strength	0.00	Depth to bedrock	0.29
31F:							
Lehew, channery sandy loam, extremely stony	45	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
		Depth to bedrock	0.29	Low strength	0.00	Depth to bedrock	0.29
Berks, channery silt loam, extremely stony	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
		Depth to bedrock	0.29	Low strength	0.00	Depth to bedrock	0.29
Rock outcrop	10	Not rated		Not rated		Not rated	
32C:							
Lily, sandy loam	85	Fair		Poor		Fair	
		Low content of organic matter	0.18	Depth to bedrock	0.00	Rock fragments	0.25
		Droughty	0.26	Low strength	0.00	Slope	0.37
		Too acid	0.50			Too acid	0.60

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
33D:							
Lily, sandy loam, very stony	80	Fair		Poor		Poor	
		Low content of organic matter	0.18	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.26	Low strength	0.00	Rock fragments	0.25
		Too acid	0.50	Slope	0.00	Too acid	0.60
34C:							
Lily, sandy loam	45	Fair		Poor		Fair	
		Low content of organic matter	0.18	Depth to bedrock	0.00	Rock fragments	0.25
		Droughty	0.26	Low strength	0.00	Slope	0.37
		Too acid	0.50			Too acid	0.60
McClung, sandy loam	30	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.50			Too acid	0.76
Dekalb, channery sandy loam, very stony	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	0.50			Too acid	0.50
35C:							
Macove, channery silt loam, very stony	85	Poor		Poor		Poor	
		Stone content	0.00	Low strength	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Stone content	0.00	Hard to reclaim	0.00
		Too acid	0.50			Slope	0.37
36A:							
Massanetta, silt loam, occasionally flooded	75	Good		Poor		Fair	
				Low strength	0.00	Depth to saturated zone	0.53
				Depth to saturated zone	0.53		
Dunning	1	Not rated		Not rated		Not rated	
Purdy	0	Not rated		Not rated		Not rated	

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
37D:							
McClung, sandy loam	45	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Too acid	0.76
Watahala, very gravelly sandy loam	25	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Rock fragments	0.00
						Too acid	0.76
Dekalb, channery sandy loam, very stony	20	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	0.50	Slope	0.00	Too acid	0.50
38B:							
Murrill, loam	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.13
		Too acid	0.21			Too clayey	0.53
		Too clayey	0.92			Too acid	0.76
38C:							
Murrill, loam	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.13
		Too acid	0.21			Slope	0.37
		Too clayey	0.92			Too clayey	0.53
38D:							
Murrill, loam	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.21	Slope	0.50	Rock fragments	0.13
		Too clayey	0.92			Too clayey	0.53
39C:							
Murrill, cobbly loam, very stony	95	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.13
		Too acid	0.21			Slope	0.37
		Too clayey	0.92			Too clayey	0.53

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
39D:							
Murrill, cobbly loam, very stony	95	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.21	Slope	0.00	Rock fragments	0.13
		Too clayey	0.92			Too clayey	0.53
40B:							
Nicelytown, silt loam	80	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Depth to saturated zone	0.14
		Too acid	0.50	Depth to saturated zone	0.14	Too acid	0.96
		Water erosion	0.68				
Purdy	1	Not rated		Not rated		Not rated	
40C:							
Nicelytown, silt loam	80	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Depth to saturated zone	0.14
		Too acid	0.50	Depth to saturated zone	0.14	Slope	0.37
		Water erosion	0.68			Too acid	0.96
Purdy	1	Not rated		Not rated		Not rated	
41A:							
Ogles, very cobbly loam, occasionally flooded	80	Poor		Poor		Poor	
		Droughty	0.00	Low strength	0.00	Rock fragments	0.00
		Cobble content	0.43	Cobble content	0.00	Hard to reclaim	0.00
		Too acid	0.50			Too acid	0.96
42B:							
Oriskany, cobbly sandy loam, very stony	85	Fair		Poor		Poor	
		Low content of organic matter	0.08	Low strength	0.00	Rock fragments	0.00
		Cobble content	0.48	Cobble content	0.00	Hard to reclaim	0.00
		Too acid	0.50	Stone content	0.99	Too acid	0.88
43C:							
Oriskany, cobbly sandy loam, extremely stony	75	Fair		Poor		Poor	
		Low content of organic matter	0.08	Low strength	0.00	Rock fragments	0.00
		Cobble content	0.48	Cobble content	0.00	Hard to reclaim	0.00
		Too acid	0.50	Stone content	0.99	Slope	0.37

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
43D:							
Oriskany, cobbly sandy loam, extremely stony	75	Fair		Poor		Poor	
		Low content of organic matter	0.08	Low strength	0.00	Slope	0.00
		Cobble content	0.48	Cobble content	0.00	Rock fragments	0.00
		Too acid	0.50	Slope	0.00	Hard to reclaim	0.00
43E:							
Oriskany, cobbly sandy loam, extremely stony	80	Fair		Poor		Poor	
		Low content of organic matter	0.08	Slope	0.00	Slope	0.00
		Cobble content	0.48	Low strength	0.00	Rock fragments	0.00
		Too acid	0.50	Cobble content	0.00	Hard to reclaim	0.00
44E:							
Oriskany, extremely bouldery sandy loam	85	Fair		Poor		Poor	
		Low content of organic matter	0.08	Slope	0.00	Slope	0.00
		Too acid	0.50	Low strength	0.00	Rock fragments	0.00
		Cobble content	0.55	Cobble content	0.00	Hard to reclaim	0.00
45C:							
Oriskany, cobbly sandy loam, very stony	55	Fair		Poor		Poor	
		Low content of organic matter	0.08	Low strength	0.00	Rock fragments	0.00
		Cobble content	0.48	Cobble content	0.00	Hard to reclaim	0.00
		Too acid	0.50	Stone content	0.99	Slope	0.37
Murrill, cobbly loam, very stony							
	35	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.13
		Too acid	0.21			Slope	0.37
		Too clayey	0.92			Too clayey	0.53
45D:							
Oriskany, cobbly sandy loam, very stony	55	Fair		Poor		Poor	
		Low content of organic matter	0.08	Low strength	0.00	Slope	0.00
		Cobble content	0.48	Cobble content	0.00	Rock fragments	0.00
		Too acid	0.50	Slope	0.00	Hard to reclaim	0.00

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
45D:							
Murrill, cobbly loam, very stony	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.21	Slope	0.00	Rock fragments	0.13
		Too clayey	0.92			Too clayey	0.53
45E:							
Oriskany, cobbly sandy loam, extremely stony	65	Fair		Poor		Poor	
		Low content of organic matter	0.08	Slope	0.00	Slope	0.00
		Cobble content	0.48	Low strength	0.00	Rock fragments	0.00
		Too acid	0.50	Cobble content	0.00	Hard to reclaim	0.00
Murrill, cobbly loam, extremely stony							
	25	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.21	Low strength	0.00	Rock fragments	0.13
		Too clayey	0.92			Too clayey	0.53
46A:							
Purdy, silty clay loam	85	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
		Too acid	0.50	Shrink-swell	0.87	Too acid	0.96
47C:							
Shelocta, silt loam	60	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.00
		Too acid	0.32			Slope	0.37
						Hard to reclaim	0.84
Berks, channery silt loam							
	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	Depth to bedrock	0.29
		Depth to bedrock	0.29			Slope	0.37
47D:							
Shelocta, silt loam	60	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.32	Slope	0.00	Rock fragments	0.00
						Hard to reclaim	0.84

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
47D:							
Berks, channery silt loam	20	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
		Depth to bedrock	0.29	Slope	0.00	Depth to bedrock	0.29
47E:							
Shelocta, silt loam	70	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.32	Low strength	0.00	Rock fragments	0.00
						Hard to reclaim	0.84
Berks, channery silt loam	25	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
		Depth to bedrock	0.29	Low strength	0.00	Depth to bedrock	0.29
48B:							
Sugarhol, silt loam	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too clayey	0.00
		Low content of organic matter	0.13			Too acid	0.76
		Too acid	0.50				
Purdy	1	Not rated		Not rated		Not rated	
48C:							
Sugarhol, silt loam	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	0.50			Too acid	0.76
Purdy	1	Not rated		Not rated		Not rated	
49:							
Udorthents	85	Not rated		Not rated		Not rated	
Rock outcrop	15	Not rated		Not rated		Not rated	
50:							
Urban land	50	Not rated		Not rated		Not rated	
Udorthents	40	Not rated		Not rated		Not rated	

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
51E:							
Watahala, very gravelly sandy loam, very rocky	45	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50	Low strength	0.00	Rock fragments	0.00
						Too acid	0.76
Frederick, gravelly silt loam, very rocky	35	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	Shrink-swell	0.87	Too acid	0.98
52D:							
Weikert, channery silt loam	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Low strength	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Slope	0.00	Depth to bedrock	0.00
Berks, channery silt loam	34	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
		Depth to bedrock	0.29	Slope	0.00	Depth to bedrock	0.29
Rough, very channery silt loam	10	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Low strength	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	Slope	0.00	Depth to bedrock	0.00
52E:							
Weikert, channery silt loam	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	0.13	Low strength	0.00	Depth to bedrock	0.00
Berks, channery silt loam	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
		Depth to bedrock	0.29	Low strength	0.00	Depth to bedrock	0.29

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
52E:							
Rough, very channery silt loam	15	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	Low strength	0.00	Depth to bedrock	0.00
52F:							
Weikert, channery silt loam, very stony	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	0.13	Low strength	0.00	Depth to bedrock	0.00
Berks, channery silt loam, very stony	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
		Depth to bedrock	0.29	Low strength	0.00	Depth to bedrock	0.29
Rough, very channery silt loam, very stony	15	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	Low strength	0.00	Depth to bedrock	0.00
53F:							
Weikert, channery silt loam	65	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	Low strength	0.00	Depth to bedrock	0.00
Rough, very channery silt loam	25	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	Low strength	0.00	Depth to bedrock	0.00
54F:							
Weikert, channery silt loam	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	0.13	Low strength	0.00	Depth to bedrock	0.00

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
54F:							
Rock outcrop	25	Not rated		Not rated		Not rated	
Rough, very channery silt loam	20	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	Low strength	0.00	Depth to bedrock	0.00
55C:							
Wharton, silt loam	55	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.37
		Too acid	0.21	Depth to saturated zone	0.76	Depth to saturated zone	0.76
		Water erosion	0.68	Shrink-swell	0.87	Too acid	0.76
Blairton, silt loam	40	Fair		Poor		Fair	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Depth to saturated zone	0.29
		Too acid	0.50	Low strength	0.00	Slope	0.37
		Water erosion	0.90	Depth to saturated zone	0.29	Too acid	0.76
55D:							
Wharton, silt loam	55	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.21	Slope	0.00	Depth to saturated zone	0.76
		Water erosion	0.68	Depth to saturated zone	0.76	Too acid	0.76
Blairton, silt loam	40	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Low strength	0.00	Depth to saturated zone	0.29
		Water erosion	0.90	Slope	0.00	Too acid	0.76
56A:							
Wolfgap, loam, occasionally flooded	95	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
		Too acid	0.99				
57A:							
Wolfgap, loam, protected	95	Fair		Poor		Good	
		Water erosion	0.99	Low strength	0.00		
		Too acid	0.99				

Topsoil, Roadfill, and Reclamation Material Source (ENG--2)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Potential as a source of reclamation material		Potential as a source of roadfill		Potential as a source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
58B:							
Soar, silt loam	85	Fair		Poor		Fair	
		Too clayey	0.08	Low strength	0.00	Too clayey	0.05
		Low content of organic matter	0.13	Depth to saturated zone	0.14	Depth to saturated zone	0.14
		Too acid	0.32	Shrink-swell	0.92	Too acid	0.88
Purdy	1	Not rated		Not rated		Not rated	
59B:							
Soar, silt loam	45	Fair		Poor		Fair	
		Too clayey	0.08	Low strength	0.00	Too clayey	0.05
		Low content of organic matter	0.13	Depth to saturated zone	0.14	Depth to saturated zone	0.14
		Too acid	0.32	Shrink-swell	0.92	Too acid	0.88
Urban land	40	Not rated		Not rated		Not rated	
Purdy	1	Not rated		Not rated		Not rated	
W:							
Water	100	Not rated		Not rated		Not rated	