

# Roads and Streets, Shallow Excavations, and Lawns and Landscaping (ENG--4)

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 0.01 to 1.00. The larger the value, the greater the potential limitation. The table shows only the top five limitations for any given soil. The soil may have additional limitations]

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1A:							
Alonzville, loam, rarely flooded	80	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
		Flooding	0.40				
		Low strength	0.22				
2A:							
Alonzville, loam, protected	80	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
		Low strength	0.22				
3C:							
Alticrest, channery sandy loam, very stony	50	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.63	Depth to hard bedrock	1.00	Droughty	0.71
		Frost action	0.50	Slope	0.63	Slope	0.63
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
DeKalb, channery sandy loam, very stony	30	Somewhat limited		Very limited		Very limited	
		Slope	0.63	Depth to hard bedrock	1.00	Droughty	1.00
		Frost action	0.50	Slope	0.63	Slope	0.63
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
4D:							
Berks, channery silt loam	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
4E:							
Berks, channery silt loam	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
5C:							
Berks, channery silt loam	55	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.71	Depth to hard bedrock	1.00	Droughty	0.75
		Slope	0.63	Slope	0.63	Depth to bedrock	0.71
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>5C:</b>							
Weikert, channery silt loam	30	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	0.63	Slope	0.63	Droughty	1.00
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.63
<b>6F:</b>							
Berks, channery silt loam	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
Weikert, channery silt loam	15	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
<b>7D:</b>							
Berks, channery silt loam, very stony	70	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
Weikert, channery silt loam, very stony	25	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
<b>7E:</b>							
Berks, channery silt loam, very stony	55	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
Weikert, channery silt loam, very stony	40	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
<b>8E:</b>							
Caneyville, silt loam, very rocky	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.54
		Depth to hard bedrock	0.54	Too clayey	0.88		

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>8F:</b>							
Caneyville, silt loam, very rocky	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.54
		Depth to hard bedrock	0.54	Too clayey	0.88		
<b>9D:</b>							
Caneyville, silt loam, karst, very rocky	85	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.54
		Depth to hard bedrock	0.54	Too clayey	0.88		
<b>10C:</b>							
Caneyville, silt loam, karst	45	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Depth to bedrock	0.54
		Depth to hard bedrock	0.54	Too clayey	0.88	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
Frederick, silt loam, karst	45	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
<b>10D:</b>							
Caneyville, silt loam, karst	45	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.54
		Depth to hard bedrock	0.54	Too clayey	0.88		
Frederick, silt loam, karst	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		
<b>10E:</b>							
Caneyville, silt loam, karst	60	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.54
		Depth to hard bedrock	0.54	Too clayey	0.88		
Frederick, silt loam, karst	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>11B:</b>							
Cottonbend, silt loam	85	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Purdy		Not rated		Not rated		Not rated	
<b>11C:</b>							
Cottonbend, silt loam	85	Somewhat limited Frost action Slope	0.50 0.37	Very limited Cutbanks cave Slope	1.00 0.37	Somewhat limited Slope	0.37
Purdy		Not rated		Not rated		Not rated	
<b>12B:</b>							
Cottonbend, silt loam	50	Somewhat limited Frost action	0.50	Very limited Cutbanks cave	1.00	Not limited	
Urban land	35	Not rated		Not rated		Not rated	
Purdy		Not rated		Not rated		Not rated	
<b>12C:</b>							
Cottonbend, silt loam	50	Somewhat limited Frost action Slope	0.50 0.37	Very limited Cutbanks cave Slope	1.00 0.37	Somewhat limited Slope	0.37
Urban land	35	Not rated		Not rated		Not rated	
Purdy		Not rated		Not rated		Not rated	
<b>13A:</b>							
Coursey, silt loam, rarely flooded	80	Very limited Frost action Flooding Depth to saturated zone	1.00 0.40 0.19	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.19
Purdy	1	Not rated		Not rated		Not rated	
<b>14B:</b>							
Coursey, silt loam, rarely flooded	30	Very limited Frost action Flooding Depth to saturated zone	1.00 0.40 0.19	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone	0.19

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>14B:</b>							
Ogles, very cobbly loam, occasionally flooded	30	Very limited		Somewhat limited		Very limited	
		Flooding	1.00	Depth to saturated zone	0.82	Content of large stones	1.00
		Content of large stones	0.72	Content of large stones	0.72	Droughty	0.99
		Frost action	0.50	Flooding	0.60	Flooding	0.60
Shelocta, silt loam	30	Somewhat limited		Somewhat limited		Not limited	
		Frost action	0.50	Cutbanks cave	0.10		
Purdy or other poorly drained soils	1	Not rated		Not rated		Not rated	
<b>15F:</b>							
Dekalb, channery sandy loam, extremely stony	60	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
<b>16D:</b>							
Dekalb, channery sandy loam, very stony	60	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
Alticrest, channery sandy loam, very stony	25	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	0.71
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
<b>16E:</b>							
Dekalb, channery sandy loam, very stony	60	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
Alticrest, channery sandy loam, very stony	25	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	0.71
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>17D:</b>							
Dekalb, channery sandy loam, very stony	40	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
Lily, sandy loam, very stony	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.29
		Depth to hard bedrock	0.29	Cutbanks cave	0.10	Gravel content	0.01
McClung, sandy loam	15	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
<b>18E:</b>							
Dekalb, channery sandy loam, very stony	65	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
Lily, sandy loam, very stony	20	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.29
		Depth to hard bedrock	0.29	Cutbanks cave	0.10	Gravel content	0.01
<b>19E:</b>							
Dekalb, channery sandy loam, extremely stony	60	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
Rock outcrop	30	Not rated		Not rated		Not rated	
<b>20E:</b>							
Dekalb, channery sandy loam, very stony	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
Watahala, very gravelly sandy loam	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	1.00	Gravel content	1.00
				Too clayey	0.92		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>20E:</b>							
McClung, sandy loam	20	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
<b>21A:</b>							
Dunning, silt loam, occasionally flooded	75	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00	Cutbanks cave	0.10		
<b>22B:</b>							
Escatawba, loam, very stony	80	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Depth to saturated zone	1.00		
				Cutbanks cave	0.10		
Poorly drained soils		Not rated		Not rated		Not rated	
<b>22C:</b>							
Escatawba, loam, very stony	80	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.63	Depth to saturated zone	1.00	Slope	0.63
		Frost action	0.50	Slope	0.63		
				Cutbanks cave	0.10		
Poorly drained soils		Not rated		Not rated		Not rated	
<b>22D:</b>							
Escatawba, loam, very stony	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to saturated zone	1.00		
				Cutbanks cave	0.10		
<b>23C:</b>							
Faywood, silty clay loam	50	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Depth to bedrock	0.90
		Depth to hard bedrock	0.90	Slope	0.63	Droughty	0.74
		Slope	0.63	Too clayey	0.50	Slope	0.63
Poplimento, silty clay loam	40	Very limited		Somewhat limited		Somewhat limited	
		Shrink-swell	1.00	Slope	0.63	Slope	0.63
		Low strength	1.00	Too clayey	0.13		
		Slope	0.63	Cutbanks cave	0.10		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>23D:</b>							
Faywood, silty clay loam	50	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.90
		Depth to hard bedrock	0.90	Too clayey	0.50	Droughty	0.74
Poplimento, silty clay loam	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.13		
		Low strength	1.00	Cutbanks cave	0.10		
<b>23E:</b>							
Faywood, silty clay loam	45	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.90
		Depth to hard bedrock	0.90	Too clayey	0.50	Droughty	0.74
Poplimento, silty clay loam	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.13		
		Low strength	1.00	Cutbanks cave	0.10		
<b>24C:</b>							
Frederick, silt loam	75	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.63
		Slope	0.63	Slope	0.63		
		Shrink-swell	0.50	Cutbanks cave	0.10		
<b>24D:</b>							
Frederick, silt loam	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	0.50	Cutbanks cave	0.10		
<b>25C:</b>							
Frederick, gravelly silt loam	50	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.63
		Slope	0.63	Slope	0.63	Gravel content	0.08
		Shrink-swell	0.50	Cutbanks cave	0.10		
Watahala, very gravelly sandy loam	40	Somewhat limited		Very limited		Very limited	
		Slope	0.63	Cutbanks cave	1.00	Gravel content	1.00
		Frost action	0.50	Too clayey	0.92	Slope	0.63
				Slope	0.63		

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<b>25D:</b>							
Frederick, gravelly silt loam	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00	Gravel content	0.08
		Shrink-swell	0.50	Cutbanks cave	0.10		
Watahala, very gravelly sandy loam	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	1.00	Gravel content	1.00
				Too clayey	0.92		
<b>26C:</b>							
Gilpin, silt loam	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.63	Slope	0.63	Slope	0.63
		Frost action	0.50	Depth to soft bedrock	0.29	Depth to bedrock	0.29
				Cutbanks cave	0.10		
<b>26D:</b>							
Gilpin, silt loam	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to soft bedrock	0.29	Depth to bedrock	0.29
				Cutbanks cave	0.10		
<b>27A:</b>							
Gladehill, loam, occasionally flooded	80	Very limited		Somewhat limited		Somewhat limited	
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Frost action	0.50	Cutbanks cave	0.10		
<b>28A:</b>							
Gladehill, loam, protected	80	Somewhat limited		Somewhat limited		Not limited	
		Frost action	0.50	Cutbanks cave	0.10		
<b>29:</b>							
Landfills	85	Not rated		Not rated		Not rated	
<b>30C:</b>							
Lehew, channery sandy loam, very stony	50	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.71	Depth to hard bedrock	1.00	Droughty	0.97
		Slope	0.63	Slope	0.63	Depth to bedrock	0.71
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>30C:</b>							
Berks, channery silt loam, very stony	45	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.71	Depth to hard bedrock	1.00	Droughty	0.75
		Slope	0.63	Slope	0.63	Depth to bedrock	0.71
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.63
<b>30D:</b>							
Lehew, channery sandy loam, very stony	50	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.97
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
Berks, channery silt loam, very stony	45	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
<b>30E:</b>							
Lehew, channery sandy loam, very stony	45	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.97
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
Berks, channery silt loam, very stony	40	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
<b>31F:</b>							
Lehew, channery sandy loam, extremely stony	45	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.97
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
Berks, channery silt loam, extremely stony	40	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
Rock outcrop	10	Not rated		Not rated		Not rated	

# Roads and Streets, Shallow Excavations, and Lawns and Landscaping (ENG--4)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>32C:</b>							
Lily, sandy loam	85	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.63	Depth to hard bedrock	1.00	Slope	0.63
		Frost action	0.50	Slope	0.63	Depth to bedrock	0.29
		Depth to hard bedrock	0.29	Cutbanks cave	0.10	Gravel content	0.01
<b>33D:</b>							
Lily, sandy loam, very stony	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.29
		Depth to hard bedrock	0.29	Cutbanks cave	0.10	Gravel content	0.01
<b>34C:</b>							
Lily, sandy loam	45	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.63	Depth to hard bedrock	1.00	Slope	0.63
		Frost action	0.50	Slope	0.63	Depth to bedrock	0.29
		Depth to hard bedrock	0.29	Cutbanks cave	0.10	Gravel content	0.01
McClung, sandy loam	30	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.63	Slope	0.63	Slope	0.63
		Frost action	0.50	Cutbanks cave	0.10		
Dekalb, channery sandy loam, very stony	20	Somewhat limited		Very limited		Very limited	
		Slope	0.63	Depth to hard bedrock	1.00	Droughty	1.00
		Frost action	0.50	Slope	0.63	Slope	0.63
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
<b>35C:</b>							
Macove, channery silt loam, very stony	85	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.63	Slope	0.63	Slope	0.63
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.32
		Content of large stones	0.03	Content of large stones	0.03	Content of large stones	0.03
<b>36A:</b>							
Massanetta, silt loam, occasionally flooded	75	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	0.60
		Flooding	1.00	Cutbanks cave	1.00	Depth to saturated zone	0.19
		Low strength	1.00	Flooding	0.60		
Dunning	1	Not rated		Not rated		Not rated	
Purdy	0	Not rated		Not rated		Not rated	

# Roads and Streets, Shallow Excavations, and Lawns and Landscaping (ENG--4)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>37D:</b>							
McClung, sandy loam	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Watahala, very gravelly sandy loam	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	1.00	Gravel content	1.00
				Too clayey	0.92		
Dekalb, channery sandy loam, very stony	20	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Droughty	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Depth to bedrock	0.46
<b>38B:</b>							
Murrill, loam	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
<b>38C:</b>							
Murrill, loam	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.63	Slope	0.63
		Slope	0.63	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
<b>38D:</b>							
Murrill, loam	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
<b>39C:</b>							
Murrill, cobbly loam, very stony	95	Very limited		Somewhat limited		Very limited	
		Low strength	1.00	Slope	0.63	Content of large stones	1.00
		Slope	0.63	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.63
<b>39D:</b>							
Murrill, cobbly loam, very stony	95	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.13	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		

# Roads and Streets, Shallow Excavations, and Lawns and Landscaping (ENG--4)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>40B:</b>							
Nicelytown, silt loam	80	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Low strength	0.78				
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
Purdy	1	Not rated		Not rated		Not rated	
<b>40C:</b>							
Nicelytown, silt loam	80	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Low strength	0.78	Slope	0.63	Slope	0.63
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
Purdy	1	Not rated		Not rated		Not rated	
<b>41A:</b>							
Ogles, very cobbly loam, occasionally flooded	80	Very limited		Somewhat limited		Very limited	
		Flooding	1.00	Depth to saturated zone	0.82	Content of large stones	1.00
		Content of large stones	0.72	Content of large stones	0.72	Droughty	0.99
		Frost action	0.50	Flooding	0.60	Flooding	0.60
<b>42B:</b>							
Oriskany, cobbly sandy loam, very stony	85	Somewhat limited		Somewhat limited		Very limited	
		Content of large stones	0.79	Content of large stones	0.79	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		
<b>43C:</b>							
Oriskany, cobbly sandy loam, extremely stony	75	Somewhat limited		Somewhat limited		Very limited	
		Content of large stones	0.79	Content of large stones	0.79	Content of large stones	1.00
		Slope	0.63	Slope	0.63	Slope	0.63
		Frost action	0.50	Cutbanks cave	0.10		
<b>43D:</b>							
Oriskany, cobbly sandy loam, extremely stony	75	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.79	Content of large stones	0.79	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		

# Roads and Streets, Shallow Excavations, and Lawns and Landscaping (ENG--4)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>43E:</b>							
Oriskany, cobbly sandy loam, extremely stony	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.79	Content of large stones	0.79	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		
<b>44E:</b>							
Oriskany, extremely bouldery sandy loam	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.96	Content of large stones	0.96	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		
<b>45C:</b>							
Oriskany, cobbly sandy loam, very stony	55	Somewhat limited		Somewhat limited		Very limited	
		Content of large stones	0.79	Content of large stones	0.79	Content of large stones	1.00
		Slope	0.63	Slope	0.63	Slope	0.63
		Frost action	0.50	Cutbanks cave	0.10		
Murrill, cobbly loam, very stony	35	Very limited		Somewhat limited		Very limited	
		Low strength	1.00	Slope	0.63	Content of large stones	1.00
		Slope	0.63	Too clayey	0.13	Slope	0.63
		Frost action	0.50	Cutbanks cave	0.10		
<b>45D:</b>							
Oriskany, cobbly sandy loam, very stony	55	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.79	Content of large stones	0.79	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Murrill, cobbly loam, very stony	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.13	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		

# Roads and Streets, Shallow Excavations, and Lawns and Landscaping (ENG--4)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
45E:							
Oriskany, cobbly sandy loam, extremely stony	65	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large stones	0.79	Content of large stones	0.79	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Murrill, cobbly loam, extremely stony	25	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.13	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		
46A:							
Purdy, silty clay loam	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Ponding	1.00	Ponding	1.00
		Low strength	1.00	Too clayey	0.88		
47C:							
Shelocta, silt loam	60	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope	0.63	Slope	0.63	Slope	0.63
		Frost action	0.50	Cutbanks cave	0.10		
Berks, channery silt loam	20	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.71	Depth to hard bedrock	1.00	Droughty	0.75
		Slope	0.63	Slope	0.63	Depth to bedrock	0.71
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.63
47D:							
Shelocta, silt loam	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		
Berks, channery silt loam	20	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
47E:							
Shelocta, silt loam	70	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10		

# Roads and Streets, Shallow Excavations, and Lawns and Landscaping (ENG--4)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>47E:</b>							
Berks, channery silt loam	25	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
<b>48B:</b>							
Sugarhol, silt loam	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
		Shrink-swell	0.01				
Purdy	1	Not rated		Not rated		Not rated	
<b>48C:</b>							
Sugarhol, silt loam	85	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.63	Slope	0.63
		Slope	0.63	Too clayey	0.13		
		Frost action	0.50	Cutbanks cave	0.10		
Purdy	1	Not rated		Not rated		Not rated	
<b>49:</b>							
Udorthents	85	Not rated		Not rated		Not rated	
Rock outcrop	15	Not rated		Not rated		Not rated	
<b>50:</b>							
Urban land	50	Not rated		Not rated		Not rated	
Udorthents	40	Not rated		Not rated		Not rated	
<b>51E:</b>							
Watahala, very gravelly sandy loam, very rocky	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	1.00	Gravel content	1.00
				Too clayey	0.92		
Frederick, gravelly silt loam, very rocky	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00	Gravel content	0.08
		Shrink-swell	0.50	Cutbanks cave	0.10		

# Roads and Streets, Shallow Excavations, and Lawns and Landscaping (ENG--4)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>52D:</b>							
Weikert, channery silt loam	35	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Berks, channery silt loam	34	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
Rough, very channery silt loam	10	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
<b>52E:</b>							
Weikert, channery silt loam	40	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Berks, channery silt loam	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71
Rough, very channery silt loam	15	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
<b>52F:</b>							
Weikert, channery silt loam, very stony	40	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Berks, channery silt loam, very stony	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.71	Slope	1.00	Droughty	0.75
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.71

# Roads and Streets, Shallow Excavations, and Lawns and Landscaping (ENG--4)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>52F:</b>							
Rough, very channery silt loam, very stony	15	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
<b>53F:</b>							
Weikert, channery silt loam	65	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Rough, very channery silt loam	25	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
<b>54F:</b>							
Weikert, channery silt loam	40	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
Rock outcrop	25	Not rated		Not rated		Not rated	
Rough, very channery silt loam	20	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
<b>55C:</b>							
Wharton, silt loam	55	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to saturated zone	0.03
		Slope	0.63	Cutbanks cave	0.10		
Blairton, silt loam	40	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to hard bedrock	1.00	Slope	0.63
		Low strength	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.48
		Slope	0.63	Slope	0.63	Depth to bedrock	0.01

# Roads and Streets, Shallow Excavations, and Lawns and Landscaping (ENG--4)

Alleghany County, Virginia

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
<b>55D:</b>							
Wharton, silt loam	55	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.03
		Low strength	1.00	Cutbanks cave	0.10		
Blairton, silt loam	40	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	1.00	Slope	1.00	Depth to saturated zone	0.48
		Low strength	1.00	Depth to saturated zone	1.00	Depth to bedrock	0.01
<b>56A:</b>							
Wolfgap, loam, occasionally flooded	95	Very limited		Somewhat limited		Somewhat limited	
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Frost action	0.50	Cutbanks cave	0.10		
<b>57A:</b>							
Wolfgap, loam, protected	95	Somewhat limited		Somewhat limited		Not limited	
		Frost action	0.50	Cutbanks cave	0.10		
<b>58B:</b>							
Zoar, silt loam	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	0.75				
Purdy	1	Not rated		Not rated		Not rated	
<b>59B:</b>							
Zoar, silt loam	45	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	0.75				
Urban land	40	Not rated		Not rated		Not rated	
Purdy	1	Not rated		Not rated		Not rated	
<b>W:</b>							
Water	100	Not rated		Not rated		Not rated	