

Soil Features (K2)

Amherst County, Virginia

[Absence of an entry indicates that the feature is not a concern or that data were not estimated]

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
1B: Buffstat	Bedrock (paralithic)	40-60	---	Strongly cemented	---	---	Moderate	Moderate	High
1C: Buffstat	Bedrock (paralithic)	40-60	---	Strongly cemented	---	---	Moderate	Moderate	High
1D: Buffstat	Bedrock (paralithic)	40-60	---	Strongly cemented	---	---	Moderate	Moderate	High
2C: Bugley	Bedrock (paralithic) Bedrock (lithic)	8-18 10-20	---	Strongly cemented Indurated	---	---	Moderate	Low	High
Littlejoe	Bedrock (paralithic)	40-60	---	Strongly cemented	---	---	Moderate	High	High
2D: Bugley	Bedrock (paralithic) Bedrock (lithic)	8-18 10-20	---	Strongly cemented Indurated	---	---	Moderate	Low	High
Littlejoe	Bedrock (paralithic)	40-60	---	Strongly cemented	---	---	Moderate	High	High
2E: Bugley	Bedrock (paralithic) Bedrock (lithic)	8-18 10-20	---	Strongly cemented Indurated	---	---	Moderate	Low	High
Littlejoe	Bedrock (paralithic)	40-60	---	Strongly cemented	---	---	Moderate	High	High
3C: Catoctin	Bedrock (lithic) Bedrock (paralithic)	20-40 20-40	---	Indurated Strongly cemented	---	---	Moderate	High	Moderate

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	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
3C: Rock outcrop	Bedrock (lithic)	0	---	---	0	---	None	---	---
3D: Catoclin	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Moderate
	Bedrock (paralithic)	20-40	---	Strongly cemented					
Rock outcrop	Bedrock (lithic)	0	---	---	0	---	None	---	---
3E: Catoclin	Bedrock (lithic)	20-40	---	Indurated	---	---	Moderate	High	Moderate
	Bedrock (paralithic)	20-40	---	Strongly cemented					
Rock outcrop	Bedrock (lithic)	0	---	---	0	---	None	---	---
4B: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
4C: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
4D: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
4E: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
5B: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate

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	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
5C: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
5D: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
5E: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
6B: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
6C: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
6D: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
6E: Clifford	---	---	---	---	0	---	Moderate	Moderate	Moderate
7a: Codorus	---	---	---	---	---	---	Moderate	High	Moderate
8B: Colleen	---	---	---	---	0	---	Moderate	High	High
8C: Colleen	---	---	---	---	0	---	Moderate	High	High

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	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
8D: Colleen	---	---	---	---	0	---	Moderate	High	High
9A: Combs	---	---	---	---	0	---	Moderate	Low	Low
10A: Comus	---	---	---	---	0	---	Moderate	Low	High
11A: Craigsville	---	---	---	---	0	---	Moderate	Moderate	Moderate
12D: Dekalb	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Low	High
Hazleton	Bedrock (lithic)	40-72	---	Indurated	0	---	Moderate	Low	High
12E: Dekalb	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Low	High
Hazleton	Bedrock (lithic)	40-72	---	Indurated	0	---	Moderate	Low	High
12F: Dekalb	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Low	High
Hazleton	Bedrock (lithic)	40-72	---	Indurated	0	---	Moderate	Low	High
13E: Dekalb	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
Rock outcrop	Bedrock (lithic)	0	---	Indurated	0	---	None	---	---

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
13F: Dekalb	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Low	High
Rock outcrop	Bedrock (lithic)	0	---	Indurated	0	---	None	---	---
14B: Delanco	---	---	---	---	0	---	Moderate	High	High
14C: Delanco	---	---	---	---	0	---	Moderate	High	High
15B: Delanco	---	---	---	---	0	---	Moderate	High	High
Elsinboro	---	---	---	---	0	---	Moderate	Moderate	High
15C: Delanco	---	---	---	---	0	---	Moderate	High	High
Elsinboro	---	---	---	---	0	---	Moderate	Moderate	High
16C: Edneytown	---	---	---	---	0	---	Moderate	Moderate	Moderate
16D: Edneytown	---	---	---	---	0	---	Moderate	Moderate	Moderate
16E: Edneytown	---	---	---	---	0	---	Moderate	Moderate	Moderate

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
17B:									
Edneytown	---	---	---	---	0	---	Moderate	Moderate	Moderate
Peaks	Bedrock (lithic) Bedrock (paralithic)	40-60 40-60	--- ---	Strongly cemented Moderately cemented	0	---	Moderate	Low	High
17C:									
Edneytown	---	---	---	---	0	---	Moderate	Moderate	Moderate
Peaks	Bedrock (lithic) Bedrock (paralithic)	40-60 40-60	--- ---	Strongly cemented Moderately cemented	0	---	Moderate	Low	High
17D:									
Edneytown	---	---	---	---	0	---	Moderate	Moderate	Moderate
Peaks	Bedrock (lithic) Bedrock (paralithic)	40-60 40-60	--- ---	Strongly cemented Moderately cemented	0	---	Moderate	Low	High
17E:									
Edneytown	---	---	---	---	0	---	Moderate	Moderate	Moderate
Peaks	Bedrock (lithic) Bedrock (paralithic)	40-60 40-60	--- ---	Strongly cemented Moderately cemented	0	---	Moderate	Low	High
17F:									
Edneytown	---	---	---	---	0	---	Moderate	Moderate	Moderate
Peaks	Bedrock (lithic) Bedrock (paralithic)	40-60 40-60	--- ---	Strongly cemented Moderately cemented	0	---	Moderate	Low	High

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
18B: Elsinboro	---	---	---	---	0	---	Moderate	Moderate	High
18C: Elsinboro	---	---	---	---	0	---	Moderate	Moderate	High
19C: Fauquier	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	Moderate	High	High
19D: Fauquier	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	Moderate	High	High
19E: Fauquier	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	Moderate	High	High
20B: Haymarket	---	---	---	---	0	---	Moderate	High	Low
Mirerock	Bedrock (paralithic) Bedrock (lithic)	20-40 20-60	---	Moderately cemented Indurated	0	0	Moderate	High	Low
20C: Haymarket	---	---	---	---	0	---	Moderate	High	Low
Mirerock	Bedrock (lithic) Bedrock (paralithic)	20-60 20-40	---	Indurated Moderately cemented	0	0	Moderate	High	Low
21B: Littlejoe	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	Moderate	High	High

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
21C: Littlejoe	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	Moderate	High	High
21D: Littlejoe	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	Moderate	High	High
22B: Minnieville	---	---	---	---	0	---	Moderate	High	Moderate
22C: Minnieville	---	---	---	---	0	---	Moderate	High	Moderate
22D: Minnieville	---	---	---	---	0	---	Moderate	High	Moderate
23B: Minnieville	---	---	---	---	0	---	Moderate	High	Moderate
23C: Minnieville	---	---	---	---	0	---	Moderate	High	Moderate
23D: Minnieville	---	---	---	---	0	---	Moderate	High	Moderate
24C: Myersville	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	Moderate	Moderate	Moderate
Catoctin	Bedrock (lithic) Bedrock (paralithic)	20-40 20-40	---	Indurated Strongly cemented	0	---	Moderate	High	Moderate

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
24D:									
Myersville	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	Moderate	Moderate	Moderate
Catoctin	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	High	Moderate
	Bedrock (paralithic)	20-40	---	Strongly cemented					
24E:									
Myersville	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	Moderate	Moderate	Moderate
Catoctin	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	High	Moderate
	Bedrock (paralithic)	20-40	---	Strongly cemented					
24F:									
Myersville	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	Moderate	Moderate	Moderate
Catoctin	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	High	Moderate
	Bedrock (paralithic)	20-40	---	Strongly cemented					
25B:									
Orenda	---	---	---	---	0	---	Moderate	High	Moderate
25C:									
Orenda	---	---	---	---	0	---	Moderate	High	Moderate
25D:									
Orenda	---	---	---	---	0	---	Moderate	High	Moderate
26C:									
Peaks	Bedrock (lithic)	40-60	---	Strongly cemented	0	---	Moderate	Low	High
	Bedrock (paralithic)	40-60	---	Moderately cemented					

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
26C: Rock outcrop	Bedrock (lithic)	0	---	Indurated	0	---	None	---	---
26D: Peaks	Bedrock (lithic)	40-60	---	Strongly cemented	0	---	Moderate	Low	High
	Bedrock (paralithic)	40-60	---	Moderately cemented					
Rock outcrop	Bedrock (lithic)	0	---	Indurated	0	---	None	---	---
26E: Peaks	Bedrock (lithic)	40-60	---	Strongly cemented	0	---	Moderate	Low	High
	Bedrock (paralithic)	40-60	---	Moderately cemented					
Rock outcrop	Bedrock (lithic)	0	---	Indurated	0	---	None	---	---
26F: Peaks	Bedrock (lithic)	40-60	---	Strongly cemented	0	---	Moderate	Low	High
	Bedrock (paralithic)	40-60	---	Moderately cemented					
Rock outcrop	Bedrock (lithic)	0	---	Indurated	0	---	None	---	---
27A: Pineywoods	Bedrock (paralithic)	40-60	---	Strongly cemented	0	---	High	High	High
27B:					---	---	---	---	---
28: Pits, quarry	Bedrock (lithic)	0	---	---	0	---	None	---	---

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	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
29B: Saunook	---	---	---	---	0	---	Moderate	Low	High
29C: Saunook	---	---	---	---	0	---	Moderate	Low	High
29D: Saunook	---	---	---	---	0	---	Moderate	Low	High
30B: Saunook	---	---	---	---	0	---	Moderate	Low	High
30C: Saunook	---	---	---	---	0	---	Moderate	Low	High
30D: Saunook	---	---	---	---	0	---	Moderate	Low	High
30E: Saunook	---	---	---	---	0	---	Moderate	Low	High
31A: Sindion	---	---	---	---	0	---	Moderate	Low	Moderate
Yogaville	---	---	---	---	0	---	High	Low	Moderate
32B: Sketerville	Bedrock (lithic)	60-80	---	Indurated	---	---	Moderate	High	High
33A: Speedwell	---	---	---	---	0	---	Moderate	Low	Moderate

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	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
34C: Spriggs	Bedrock (paralithic) Bedrock (lithic)	20-40 40-60	--- ---	Strongly cemented Indurated	0	---	Moderate	Low	Moderate
34D: Spriggs	Bedrock (paralithic) Bedrock (lithic)	20-40 40-60	--- ---	Strongly cemented Indurated	0	---	Moderate	Low	Moderate
34E: Spriggs	Bedrock (paralithic) Bedrock (lithic)	20-40 40-60	--- ---	Strongly cemented Indurated	0	---	Moderate	Low	Moderate
35B: Spriggs	Bedrock (paralithic) Bedrock (lithic)	20-40 40-60	--- ---	Strongly cemented Indurated	---	---	Moderate	Low	Moderate
35C: Spriggs	Bedrock (paralithic) Bedrock (lithic)	20-40 40-60	--- ---	Strongly cemented Indurated	0	---	Moderate	Low	Moderate
35D: Spriggs	Bedrock (paralithic) Bedrock (lithic)	20-40 40-60	--- ---	Strongly cemented Indurated	0	---	Moderate	Low	Moderate
35E: Spriggs	Bedrock (paralithic) Bedrock (lithic)	20-40 40-60	--- ---	Strongly cemented Indurated	0	---	Moderate	Low	Moderate
36D: Stott Knob	Bedrock (paralithic)	20-40	---	Moderately cemented	0	0	Moderate	Moderate	High

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
36D: Rhodhiss	---	---	---	---	0	---	Moderate	Moderate	High
36E: Stott Knob	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	High
Rhodhiss	---	---	---	---	0	---	Moderate	Moderate	High
37D: Stott Knob	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	High
Rhodhiss	---	---	---	---	0	---	Moderate	Moderate	High
37E: Stott Knob	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	High
Rhodhiss	---	---	---	---	0	---	Moderate	Moderate	High
38A: Suches	---	---	---	---	0	---	Moderate	High	Moderate
39C: Sylco	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Low	Moderate
Sylvatus	Bedrock (lithic) Bedrock (paralithic)	10-20 10-20	---	Indurated Strongly cemented	0	---	Moderate	Moderate	Moderate
39D: Sylco	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Low	Moderate

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	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
39D:									
Sylvatus	Bedrock (lithic)	10-20	---	Indurated	0	---	Moderate	Moderate	Moderate
	Bedrock (paralithic)	10-20	---	Strongly cemented					
39E:									
Sylco	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Low	Moderate
Sylvatus	Bedrock (lithic)	10-20	---	Indurated	0	---	Moderate	Moderate	Moderate
	Bedrock (paralithic)	10-20	---	Strongly cemented					
39F:									
Sylco	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Low	Moderate
Sylvatus	Bedrock (lithic)	10-20	---	Indurated	0	---	Moderate	Moderate	Moderate
	Bedrock (paralithic)	10-20	---	Strongly cemented					
40C:									
Sylco	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Low	Moderate
Sylvatus	Bedrock (lithic)	10-20	---	Indurated	0	---	Moderate	Moderate	Moderate
	Bedrock (paralithic)	10-20	---	Strongly cemented					
40D:									
Sylco	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Low	Moderate
Sylvatus	Bedrock (lithic)	10-20	---	Indurated	0	---	Moderate	Moderate	Moderate
	Bedrock (paralithic)	10-20	---	Strongly cemented					
40E:									
Sylco	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Low	Moderate

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	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
40E:									
Sylvatus	Bedrock (lithic)	10-20	---	Indurated	0	---	Moderate	Moderate	Moderate
	Bedrock (paralithic)	10-20	---	Strongly cemented					
40F:									
Sylco	Bedrock (lithic)	20-40	---	Indurated	0	---	Moderate	Low	Moderate
Sylvatus	Bedrock (lithic)	10-20	---	Indurated	0	---	Moderate	Moderate	Moderate
	Bedrock (paralithic)	10-20	---	Strongly cemented					
41E:									
Sylvatus	Bedrock (lithic)	10-20	---	Indurated	0	---	Moderate	Moderate	Moderate
	Bedrock (paralithic)	10-20	---	Strongly cemented					
Rock outcrop	Bedrock (lithic)	0	---	Indurated	0	---	None	---	---
41F:									
Sylvatus	Bedrock (lithic)	10-20	---	Indurated	0	---	Moderate	Moderate	Moderate
	Bedrock (paralithic)	10-20	---	Strongly cemented					
Rock outcrop	Bedrock (lithic)	0	---	Indurated	0	---	None	---	---
42:									
					---	---	---	---	---
43B:									
Unison	---	---	---	---	0	---	Moderate	High	Moderate
43C:									
Unison	---	---	---	---	0	---	Moderate	High	Moderate

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	Kind	Depth to top <i>In</i>	Thickness <i>In</i>	Hardness	Initial <i>In</i>	Total <i>In</i>		Uncoated steel	Concrete
44B: Unison	---	---	---	---	0	---	Moderate	High	Moderate
44C: Unison	---	---	---	---	0	---	Moderate	High	Moderate
45B: Wintergreen	---	---	---	---	0	---	Moderate	High	Moderate
45C: Wintergreen	---	---	---	---	0	---	Moderate	High	Moderate
45D: Wintergreen	---	---	---	---	0	---	Moderate	High	Moderate
46B: Wintergreen	---	---	---	---	0	---	Moderate	High	Moderate
46C: Wintergreen	---	---	---	---	0	---	Moderate	High	Moderate
46D: Wintergreen	---	---	---	---	0	---	Moderate	High	Moderate
47B: Wintergreen	---	---	---	---	0	---	Moderate	High	Moderate
47C: Wintergreen	---	---	---	---	0	---	Moderate	High	Moderate

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		<i>In</i>	<i>In</i>		<i>In</i>	<i>In</i>			
47D: Wintergreen	---	---	---	---	0	---	Moderate	High	Moderate
W:					---	---	---	---	---