

Table K2. - Soil Features

Westmoreland 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	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1A:									
Ackwater	---	---	---	---	---	---	---	High	High
Emporia	---	---	---	---	---	---	---	---	---
Montross	---	---	---	---	---	---	---	---	---
Savannah	---	---	---	---	---	---	---	---	---
1B:									
Ackwater	---	---	---	---	---	---	---	High	High
Emporia	---	---	---	---	---	---	---	---	---
Montross	---	---	---	---	---	---	---	---	---
Savannah	---	---	---	---	---	---	---	---	---
2:									
Bibb	---	---	---	---	---	---	---	High	Moderate
Levy	---	---	---	---	---	---	---	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	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
2:									
Bohicket	---	---	---	---	---	---	---	---	---
Catpoint	---	---	---	---	---	---	---	---	---
Rappahannock	---	---	---	---	---	---	---	---	---
3:									
Bohicket	---	---	---	---	---	6-12	---	High	High
Rappahannock	---	---	---	---	---	---	---	---	---
4:									
Bojac	---	---	---	---	---	---	---	Low	High
Pamunkey	---	---	---	---	---	---	---	---	---
Tetotum	---	---	---	---	---	---	---	---	---
5B:									
Catpoint	---	---	---	---	---	---	---	Low	Moderate
Bojac	---	---	---	---	---	---	---	---	---

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
5B: Nansemond	---	---	---	---	---	---	---	---	---
Rumford	---	---	---	---	---	---	---	---	---
6B: Emporia	---	---	---	---	---	---	---	Moderate	High
Kempsville	---	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---	---
7A: Kempsville	---	---	---	---	---	---	---	Low	Moderate
Emporia	---	---	---	---	---	---	---	---	---
Savannah	---	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---	---
7B: Kempsville	---	---	---	---	---	---	---	Low	Moderate

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
7B:									
Emporia	---	---	---	---	---	---	---	---	---
Savannah	---	---	---	---	---	---	---	---	---
8:									
Leaf	---	---	---	---	---	---	---	High	Moderate
Lenoir	---	---	---	---	---	---	---	---	---
Lumbee	---	---	---	---	---	---	---	---	---
Tetotum	---	---	---	---	---	---	---	---	---
9:									
Lenoir	---	---	---	---	---	---	---	High	High
Leaf	---	---	---	---	---	---	---	---	---
Tetotum	---	---	---	---	---	---	---	---	---
10:									
Lumbee	---	---	---	---	---	---	---	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	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
10: Bibb	---	---	---	---	---	---	---	---	---
Leaf	---	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---	---
11A: Montross	---	---	---	---	---	---	---	High	High
Ackwater	---	---	---	---	---	---	---	---	---
11B: Montross	---	---	---	---	---	---	---	High	High
Ackwater	---	---	---	---	---	---	---	---	---
12: Nansemond	---	---	---	---	---	---	---	Moderate	High
Rumford	---	---	---	---	---	---	---	---	---
State	---	---	---	---	---	---	---	---	---

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Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
12: Tetotum	---	---	---	---	---	---	---	---	---
13: Pamunkey	---	---	---	---	---	---	---	Moderate	Moderate
Bojac	---	---	---	---	---	---	---	---	---
Tetotum	---	---	---	---	---	---	---	---	---
14: Pits	---	---	---	---	---	---	---	---	---
15: Rappahannock	---	---	---	---	---	---	---	High	High
Bohicket	---	---	---	---	---	---	---	---	---
Pamunkey	---	---	---	---	---	---	---	---	---
16B: Rumford	---	---	---	---	---	---	---	Low	High
Nansemond	---	---	---	---	---	---	---	---	---

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
16B: State	---	---	---	---	---	---	---	---	---
Tetotum	---	---	---	---	---	---	---	---	---
17E: Rumford	---	---	---	---	---	---	---	Low	High
Ackwater	---	---	---	---	---	---	---	---	---
Bibb	---	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
18D: Rumford	---	---	---	---	---	---	---	Low	High
Tetotum	---	---	---	---	---	---	---	High	High
Ackwater	---	---	---	---	---	---	---	---	---

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
18D:									
Emporia	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
19A:									
Savannah	Fragipan	---	---	Weakly cemented	---	---	---	Moderate	High
Kempsville	---	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---	---
19B:									
Savannah	Fragipan	---	---	Weakly cemented	---	---	---	Moderate	High
Kempsville	---	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---	---
20A:									
State	---	---	---	---	---	---	---	Moderate	High
Rumford	---	---	---	---	---	---	---	---	---

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
20A: Tetotum	---	---	---	---	---	---	---	---	---
20B: State	---	---	---	---	---	---	---	Moderate	High
Rumford	---	---	---	---	---	---	---	---	---
Tetotum	---	---	---	---	---	---	---	---	---
21A: Suffolk	---	---	---	---	---	---	---	Moderate	High
Emporia	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
Rumford	---	---	---	---	---	---	---	---	---
Savannah	---	---	---	---	---	---	---	---	---
21B: Suffolk	---	---	---	---	---	---	---	Moderate	High

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
21B:									
Emporia	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
Rumford	---	---	---	---	---	---	---	---	---
Savannah	---	---	---	---	---	---	---	---	---
22A:									
Tetotum	---	---	---	---	---	---	---	High	High
Lumbee	---	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---	---
Rumford	---	---	---	---	---	---	---	---	---
State	---	---	---	---	---	---	---	---	---
22B:									
Tetotum	---	---	---	---	---	---	---	High	High

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
22B:									
Nansemond	---	---	---	---	---	---	---	---	---
Rumford	---	---	---	---	---	---	---	---	---
State	---	---	---	---	---	---	---	---	---
23A:									
Turbeville	---	---	---	---	---	---	---	High	High
Emporia	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
23B:									
Turbeville	---	---	---	---	---	---	---	High	High
Emporia	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
23C:									
Turbeville	---	---	---	---	---	---	---	High	High

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
23C:									
Emporia	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
W:									
Water	---	---	---	---	---	---	---	---	---