

Table K2. - Soil Features

Middlesex 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			
1:									
Ackwater	---	---	---	---	---	---	---	High	High
Slagle	---	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---	---
Bethera	---	---	---	---	---	---	---	---	---
Daleville	---	---	---	---	---	---	---	---	---
2B:									
Bama	---	---	---	---	---	---	---	Low	Moderate
Emporia	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
3:									
Bethera	---	---	---	---	---	---	---	High	High
Daleville	---	---	---	---	---	---	---	High	High

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
3:									
Ackwater	---	---	---	---	---	---	---	---	---
Craven	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
Myatt	---	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---	---
4:									
Catpoint	---	---	---	---	---	---	---	Low	Moderate
Pactolus	---	---	---	---	---	---	---	---	---
Kenansville	---	---	---	---	---	---	---	---	---
Rumford	---	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---	---
5A:									

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
5A:									
Craven	---	---	---	---	---	---	---	High	High
Slagle	---	---	---	---	---	---	---	---	---
Bethera	---	---	---	---	---	---	---	---	---
Daleville	---	---	---	---	---	---	---	---	---
5B:									
Craven	---	---	---	---	---	---	---	High	High
Slagle	---	---	---	---	---	---	---	---	---
Bethera	---	---	---	---	---	---	---	---	---
Daleville	---	---	---	---	---	---	---	---	---
6A:									
Emporia	---	---	---	---	---	---	---	Moderate	High
Slagle	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
6A:									
Suffolk	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
6B:									
Emporia	---	---	---	---	---	---	---	Moderate	High
Kempsville	---	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---	---
Bama	---	---	---	---	---	---	---	---	---
7D:									
Emporia	---	---	---	---	---	---	---	Moderate	High
Nevarc	---	---	---	---	---	---	---	High	High
Ackwater	---	---	---	---	---	---	---	---	---
Bama	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
7D:									
Kempsville	---	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---	---
7F:									
Emporia	---	---	---	---	---	---	---	Moderate	High
Nevarc	---	---	---	---	---	---	---	High	High
Ackwater	---	---	---	---	---	---	---	---	---
Bama	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---	---
8:									
Eunola	---	---	---	---	---	---	---	Low	High
Nansemond	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
8:									
Kenansville	---	---	---	---	---	---	---	---	---
Myatt	---	---	---	---	---	---	---	---	---
Pactolus	---	---	---	---	---	---	---	---	---
9A:									
Kempsville	---	---	---	---	---	---	---	Low	Moderate
Emporia	---	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---	---
9B:									
Kempsville	---	---	---	---	---	---	---	Low	Moderate
Emporia	---	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---	---
Bama	---	---	---	---	---	---	---	---	---
10:									

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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: Kenansville	---	---	---	---	---	---	---	Low	High
Kempsville	---	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---	---
11: Kinston	---	---	---	---	---	---	---	High	High
Bibb	---	---	---	---	---	---	---	High	Moderate
Ochlockonee	---	---	---	---	---	---	---	---	---
Pocaty	---	---	---	---	---	---	---	---	---
12:									

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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: Lumbee	---	---	---	---	---	---	---	High	High
Eunola	---	---	---	---	---	---	---	---	---
Myatt	---	---	---	---	---	---	---	---	---
13: Myatt	---	---	---	---	---	---	---	High	High
Nansemond	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
Bibb	---	---	---	---	---	---	---	---	---
Kinston	---	---	---	---	---	---	---	---	---
Pactolus	---	---	---	---	---	---	---	---	---
14: Nansemond	---	---	---	---	---	---	---	Moderate	High

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
14: Ackwater	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
Myatt	---	---	---	---	---	---	---	---	---
15: Ochlockonee	---	---	---	---	---	---	---	Low	High
Pactolus	---	---	---	---	---	---	---	---	---
Bibb	---	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---	---
Kenansville	---	---	---	---	---	---	---	---	---
Kinston	---	---	---	---	---	---	---	---	---
16: Pactolus	---	---	---	---	---	---	---	Low	High

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
16:									
Catpoint	---	---	---	---	---	---	---	---	---
Kenansville	---	---	---	---	---	---	---	---	---
Myatt	---	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---	---
Rumford	---	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---	---
17:									
Pocaty	---	---	---	---	---	---	---	High	High
Bibb	---	---	---	---	---	---	---	---	---
Kinston	---	---	---	---	---	---	---	---	---
18A:									
Rumford	---	---	---	---	---	---	---	Low	High

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
18A:									
Kenansville	---	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---	---
Catpoint	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---	---
18B:									
Rumford	---	---	---	---	---	---	---	Low	High
Catpoint	---	---	---	---	---	---	---	---	---
Kenansville	---	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
Pactolus	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
19A:									
Slagle	---	---	---	---	---	---	---	Moderate	High
Emporia	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
19B:									
Slagle	---	---	---	---	---	---	---	Moderate	High
Emporia	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
20A:									
Suffolk	---	---	---	---	---	---	---	Moderate	High
Rumford	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
20B:									

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
20B:									
Suffolk	---	---	---	---	---	---	---	Moderate	High
Rumford	---	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---	---
21D:									
Suffolk	---	---	---	---	---	---	---	Moderate	High
Remlik	---	---	---	---	---	---	---	Low	Moderate
Craven	---	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---	---
Ochlockonee	---	---	---	---	---	---	---	---	---
Bibb	---	---	---	---	---	---	---	---	---
Kinston	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Middlesex County, Virginia

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			
21F:									
Suffolk	---	---	---	---	---	---	---	Moderate	High
Remlik	---	---	---	---	---	---	---	Low	Moderate
Craven	---	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---	---
Ochlockonee	---	---	---	---	---	---	---	---	---
Bibb	---	---	---	---	---	---	---	---	---
Kinston	---	---	---	---	---	---	---	---	---
22B:									
Udorthents	---	---	---	---	---	---	---	---	---
Psamments	---	---	---	---	---	---	---	---	---
W:									
Water	---	---	---	---	---	---	---	---	---