

Table K2. - Soil Features

Louisa 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			
AbB:									
Abell	---	---	---	---	---	---	---	Moderate	High
Colfax	---	---	---	---	---	---	---	---	---
Worsham	---	---	---	---	---	---	---	---	---
AcB:									
Abell	---	---	---	---	---	---	---	Moderate	High
Lignum	---	---	---	---	---	---	---	---	---
Roanoke	---	---	---	---	---	---	---	---	---
Worsham	---	---	---	---	---	---	---	---	---
AeB:									
Abell	---	---	---	---	---	---	---	Moderate	High
Lignum	---	---	---	---	---	---	---	---	---
Roanoke	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
AeB:									
Worsham	---	---	---	---	---	---	---	---	---
AIB:									
Altavista	---	---	---	---	---	---	---	Moderate	Moderate
Wickham	---	---	---	---	---	---	---	---	---
Fork	---	---	---	---	---	---	---	---	---
AnB2:									
Appling	---	---	---	---	---	---	---	Moderate	Moderate
Colfax	---	---	---	---	---	---	---	---	---
AnC2:									
Appling	---	---	---	---	---	---	---	Moderate	Moderate
Abell	---	---	---	---	---	---	---	---	---
Colfax	---	---	---	---	---	---	---	---	---
Iredell	---	---	---	---	---	---	---	---	---

ApB3:

Table K2. - Soil Features - Continued

Louisa 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			
ApB3: Appling	---	---	---	---	---	---	---	Moderate	Moderate
Abell	---	---	---	---	---	---	---	---	---
Cecil	---	---	---	---	---	---	---	---	---
Wedowee	---	---	---	---	---	---	---	---	---
ArC3: Appling	---	---	---	---	---	---	---	Moderate	Moderate
Wedowee	---	---	---	---	---	---	---	Moderate	High
Ashlar	---	---	---	---	---	---	---	---	---
Cecil	---	---	---	---	---	---	---	---	---
Durham	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---
AsB:									

Table K2. - Soil Features - Continued

Louisa 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			
AsB:									
Ashlar	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	High
Appling	---	---	---	---	---	---	---	---	---
Grover	---	---	---	---	---	---	---	---	---
Wedowee	---	---	---	---	---	---	---	---	---
Abell	---	---	---	---	---	---	---	---	---
AsC:									
Ashlar	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	High
Appling	---	---	---	---	---	---	---	---	---
Grover	---	---	---	---	---	---	---	---	---
Wedowee	---	---	---	---	---	---	---	---	---
Abell	---	---	---	---	---	---	---	---	---
AsC3:									

Table K2. - Soil Features - Continued

Louisa 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			
AsC3:									
Ashlar	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	High
Appling	---	---	---	---	---	---	---	---	---
Grover	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---
AsD:									
Ashlar	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	High
Appling	---	---	---	---	---	---	---	---	---
Grover	---	---	---	---	---	---	---	---	---
Wedowee	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---
AsD3:									
Ashlar	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	High

Table K2. - Soil Features - Continued

Louisa 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			
AsD3:									
Rock outcrop	---	---	---	---	---	---	---	---	---
AV:									
Ashlar	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	High
Manteo	Bedrock (lithic)	12-18	---	Indurated	---	---	---	Low	High
Rock outcrop	Bedrock (lithic)	0	---	Indurated	---	---	---	---	---
Appling	---	---	---	---	---	---	---	---	---
Grover	---	---	---	---	---	---	---	---	---
Nason	---	---	---	---	---	---	---	---	---
CcB2:									
Cecil	---	---	---	---	---	---	---	High	High
Cullen	---	---	---	---	---	---	---	---	---
Abell	---	---	---	---	---	---	---	---	---
CcC2:									

Table K2. - Soil Features - Continued

Louisa 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			
CcC2:									
Cecil	---	---	---	---	---	---	---	High	High
Abell	---	---	---	---	---	---	---	---	---
CeB3:									
Cecil	---	---	---	---	---	---	---	High	High
Abell	---	---	---	---	---	---	---	---	---
Pacolet	---	---	---	---	---	---	---	---	---
CfC3:									
Cecil	---	---	---	---	---	---	---	High	High
Pacolet	---	---	---	---	---	---	---	High	High
Cullen	---	---	---	---	---	---	---	---	---
Madison	---	---	---	---	---	---	---	---	---
Abell	---	---	---	---	---	---	---	---	---
CfL:									

Table K2. - Soil Features - Continued

Louisa 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			
CfL:									
Cut and fill land	---	---	---	---	---	---	---	---	---
Ch:									
Chewacla	---	---	---	---	---	---	---	High	Moderate
Congaree	---	---	---	---	---	---	---	---	---
Wehadkee	---	---	---	---	---	---	---	---	---
CIB:									
Colfax	Fragipan	---	---	Weakly cemented	---	---	---	High	High
Durham	---	---	---	---	---	---	---	---	---
Worsham	---	---	---	---	---	---	---	---	---
Cn:									
Congaree	---	---	---	---	---	---	---	Moderate	Moderate
Chewacla	---	---	---	---	---	---	---	---	---
Toccoa	---	---	---	---	---	---	---	---	---

CO:

Table K2. - Soil Features - Continued

Louisa 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			
CO:									
Congaree	---	---	---	---	---	---	---	Moderate	Moderate
Chewacla	---	---	---	---	---	---	---	High	Moderate
Toccoa	---	---	---	---	---	---	---	---	---
Wehadkee	---	---	---	---	---	---	---	---	---
CuB2:									
Cullen	---	---	---	---	---	---	---	High	Moderate
Abell	---	---	---	---	---	---	---	---	---
Enon	---	---	---	---	---	---	---	---	---
Mecklenburg	---	---	---	---	---	---	---	---	---
CuC2:									
Cullen	---	---	---	---	---	---	---	High	Moderate
Abell	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
CuC2: Poindexter	---	---	---	---	---	---	---	---	---
CwB3: Cullen	---	---	---	---	---	---	---	High	Moderate
Cecil	---	---	---	---	---	---	---	---	---
Tatum	---	---	---	---	---	---	---	---	---
Turbeville	---	---	---	---	---	---	---	---	---
CwC3: Cullen	---	---	---	---	---	---	---	High	Moderate
Fluvanna	---	---	---	---	---	---	---	---	---
Poindexter	---	---	---	---	---	---	---	---	---
DuB: Durham	---	---	---	---	---	---	---	Moderate	Moderate
Appling	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
DuB:									
Colfax	---	---	---	---	---	---	---	---	---
Eb:									
Elbert	Bedrock (paralithic)	42-79	---	---	---	---	---	High	High
Iredell	---	---	---	---	---	---	---	---	---
Zion	---	---	---	---	---	---	---	---	---
FIB2:									
Fluvanna	---	---	---	---	---	---	---	High	High
Cullen	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---
FIC2:									
Fluvanna	---	---	---	---	---	---	---	High	High
Nason	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---

FN:

Table K2. - Soil Features - Continued

Louisa 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			
FN:									
Fluvaquents	---	---	---	---	---	---	---	High	Moderate
Shallow water	---	---	---	---	---	---	---	---	---
Fo:									
Forestdale	---	---	---	---	---	---	---	High	Moderate
Fork	---	---	---	---	---	---	---	---	---
Wehadkee	---	---	---	---	---	---	---	---	---
FrB:									
Fork	---	---	---	---	---	---	---	High	High
Altavista	---	---	---	---	---	---	---	---	---
Forestdale	---	---	---	---	---	---	---	---	---
GrB2:									
Grover	---	---	---	---	---	---	---	Moderate	Moderate
Appling	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
GrB2: Madison	---	---	---	---	---	---	---	---	---
GrC2: Grover	---	---	---	---	---	---	---	Moderate	Moderate
Appling	---	---	---	---	---	---	---	---	---
Ashlar	---	---	---	---	---	---	---	---	---
GvB3: Grover	---	---	---	---	---	---	---	Moderate	Moderate
Abell	---	---	---	---	---	---	---	---	---
Appling	---	---	---	---	---	---	---	---	---
Madison	---	---	---	---	---	---	---	---	---
GvC3: Grover	---	---	---	---	---	---	---	Moderate	Moderate
Ashlar	---	---	---	---	---	---	---	---	---

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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			
GvC3:									
Madison	---	---	---	---	---	---	---	---	---
IdB:									
Iredell	Bedrock (paralithic)	42-72	---	Very strongly cemented	---	---	---	High	Low
Colfax	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---
Worsham	---	---	---	---	---	---	---	---	---
IdB2:									
Iredell	Bedrock (paralithic)	42-72	---	Very strongly cemented	---	---	---	High	Low
Cecil	---	---	---	---	---	---	---	---	---
Cullen	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---
IdC2:									

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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			
IdC2:									
Iredell	Bedrock (paralithic)	42-72	---	Very strongly cemented	---	---	---	High	Low
Cecil	---	---	---	---	---	---	---	---	---
Cullen	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---
IrA:									
Iredell	Bedrock (paralithic)	42-72	---	Very strongly cemented	---	---	---	High	Low
Elbert	---	---	---	---	---	---	---	---	---
Zion	---	---	---	---	---	---	---	---	---
IrB:									
Iredell	Bedrock (paralithic)	42-72	---	Very strongly cemented	---	---	---	High	Low
Poindexter	---	---	---	---	---	---	---	---	---
Zion	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

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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			
Iv: Iredell	Bedrock (paralithic)	42-72	---	Very strongly cemented	---	---	---	High	Low
Abell	---	---	---	---	---	---	---	---	---
Elbert	---	---	---	---	---	---	---	---	---
Zion	---	---	---	---	---	---	---	---	---
LgB: Lignum	Bedrock (paralithic)	48-60	---	---	---	---	---	High	High
Abell	---	---	---	---	---	---	---	---	---
Worsham	---	---	---	---	---	---	---	---	---
MaB2: Madison	---	---	---	---	---	---	---	High	Moderate
Cecil	---	---	---	---	---	---	---	---	---
Grover	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
MaB2: Rock outcrop	---	---	---	---	---	---	---	---	---
MaC2: Madison	---	---	---	---	---	---	---	High	Moderate
Abell	---	---	---	---	---	---	---	---	---
Ashlar	---	---	---	---	---	---	---	---	---
Grover	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---
Md: Mine dump	---	---	---	---	---	---	---	---	---
MdB3: Madison	---	---	---	---	---	---	---	High	Moderate
Grover	---	---	---	---	---	---	---	---	---
MdC3: Madison	---	---	---	---	---	---	---	High	Moderate

Table K2. - Soil Features - Continued

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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			
MdC3:									
Ashlar	---	---	---	---	---	---	---	---	---
Grover	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---
MnB:									
Manteo	Bedrock (lithic)	12-18	---	Indurated	---	---	---	Low	High
Abell	---	---	---	---	---	---	---	---	---
Nason	---	---	---	---	---	---	---	---	---
MnC:									
Manteo	Bedrock (lithic)	12-18	---	Indurated	---	---	---	Low	High
Nason	---	---	---	---	---	---	---	---	---
MnD:									
Manteo	Bedrock (lithic)	12-18	---	Indurated	---	---	---	Low	High
Nason	---	---	---	---	---	---	---	---	---

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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			
MnD:									
Tatum	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---
MnE:									
Manteo	Bedrock (lithic)	12-18	---	Indurated	---	---	---	Low	High
Rock outcrop	---	---	---	---	---	---	---	---	---
MoC:									
Manteo	Bedrock (lithic)	12-18	---	Indurated	---	---	---	Low	High
Abell	---	---	---	---	---	---	---	---	---
Nason	---	---	---	---	---	---	---	---	---
MoD:									
Manteo	Bedrock (lithic)	12-18	---	Indurated	---	---	---	Low	High
Nason	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---

MsB2:

Table K2. - Soil Features - Continued

Louisa 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			
MsB2:									
Masada	---	---	---	---	---	---	---	High	High
Altavista	---	---	---	---	---	---	---	---	---
Turbeville	---	---	---	---	---	---	---	---	---
MsC2:									
Masada	---	---	---	---	---	---	---	High	High
Appling	---	---	---	---	---	---	---	---	---
Ashlar	---	---	---	---	---	---	---	---	---
MuB2:									
Mecklenburg	---	---	---	---	---	---	---	High	Moderate
Enon	---	---	---	---	---	---	---	High	Moderate
Cullen	---	---	---	---	---	---	---	---	---
Iredell	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
MuB2: Zion	---	---	---	---	---	---	---	---	---
MuC2: Mecklenburg	---	---	---	---	---	---	---	High	Moderate
Enon	---	---	---	---	---	---	---	High	Moderate
Poindexter	---	---	---	---	---	---	---	---	---
Zion	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---
MvC3: Mecklenburg	---	---	---	---	---	---	---	High	Moderate
Enon	---	---	---	---	---	---	---	High	Moderate
Poindexter	---	---	---	---	---	---	---	---	---
Zion	---	---	---	---	---	---	---	---	---

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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			
MvC3:									
Rock outcrop	---	---	---	---	---	---	---	---	---
NaD2:									
Nason	Bedrock (paralithic)	48-60	---	---	---	---	---	Moderate	High
Abell	---	---	---	---	---	---	---	---	---
Manteo	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---
NoB2:									
Nason	Bedrock (paralithic)	48-60	---	---	---	---	---	Moderate	High
Abell	---	---	---	---	---	---	---	---	---
Tatum	---	---	---	---	---	---	---	---	---
NoC2:									
Nason	Bedrock (paralithic)	48-60	---	---	---	---	---	Moderate	High
Manteo	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

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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			
NoC2: Tatum	---	---	---	---	---	---	---	---	---
NsB3: Nason	Bedrock (paralithic)	48-60	---	---	---	---	---	Moderate	High
Tatum	---	---	---	---	---	---	---	---	---
NsC3: Nason	Bedrock (paralithic)	48-60	---	---	---	---	---	Moderate	High
Manteo	---	---	---	---	---	---	---	---	---
OrB: Orange	Bedrock (paralithic)	42-60	---	---	---	---	---	High	Moderate
Abell	---	---	---	---	---	---	---	---	---
Fluvanna	---	---	---	---	---	---	---	---	---
Poindexter	---	---	---	---	---	---	---	---	---
OxB: Orange	Bedrock (paralithic)	42-60	---	---	---	---	---	High	Moderate

Table K2. - Soil Features - Continued

Louisa 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			
OxB: Poindexter	Bedrock (paralithic)	24-60	---	Very strongly cemented	---	---	---	Moderate	Moderate
Elbert	---	---	---	---	---	---	---	---	---
Abell	---	---	---	---	---	---	---	---	---
Fluvanna	---	---	---	---	---	---	---	---	---
PaB2: Pacolet	---	---	---	---	---	---	---	High	High
Cecil	---	---	---	---	---	---	---	High	High
Appling	---	---	---	---	---	---	---	---	---
Iredell	---	---	---	---	---	---	---	---	---
Wedowee	---	---	---	---	---	---	---	---	---
PaC2: Pacolet	---	---	---	---	---	---	---	High	High

Table K2. - Soil Features - Continued

Louisa 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			
PaC2:									
Cecil	---	---	---	---	---	---	---	High	High
Appling	---	---	---	---	---	---	---	---	---
Ashlar	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---
Wedowee	---	---	---	---	---	---	---	---	---
PaD2:									
Pacolet	---	---	---	---	---	---	---	High	High
Cecil	---	---	---	---	---	---	---	High	High
Appling	---	---	---	---	---	---	---	---	---
Madison	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---
PcD3:									

Table K2. - Soil Features - Continued

Louisa 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			
PcD3:									
Pacolet	---	---	---	---	---	---	---	High	High
Cecil	---	---	---	---	---	---	---	High	High
Appling	---	---	---	---	---	---	---	---	---
Ashlar	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---
PxB:									
Poindexter	Bedrock (paralithic)	24-60	---	Very strongly cemented	---	---	---	Moderate	Moderate
Iredell	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---
Zion	---	---	---	---	---	---	---	---	---
PxC:									

Table K2. - Soil Features - Continued

Louisa 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			
PxC:									
Poindexter	Bedrock (paralithic)	24-60	---	Very strongly cemented	---	---	---	Moderate	Moderate
Mecklenburg	---	---	---	---	---	---	---	---	---
Zion	---	---	---	---	---	---	---	---	---
PxC3:									
Poindexter	Bedrock (paralithic)	24-60	---	Very strongly cemented	---	---	---	Moderate	Moderate
Cullen	---	---	---	---	---	---	---	---	---
Mecklenburg	---	---	---	---	---	---	---	---	---
Zion	---	---	---	---	---	---	---	---	---
PxD:									
Poindexter	Bedrock (paralithic)	24-60	---	Very strongly cemented	---	---	---	Moderate	Moderate
Cullen	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
PxD: Rock outcrop	---	---	---	---	---	---	---	---	---
QU: Quarry	Bedrock (lithic)	0	---	Indurated	---	---	---	---	---
RoB: Roanoke	---	---	---	---	---	---	---	High	High
Abell	---	---	---	---	---	---	---	---	---
Lignum	---	---	---	---	---	---	---	---	---
SeB: Sekil	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	Moderate
Cullen	---	---	---	---	---	---	---	---	---
Fluvanna	---	---	---	---	---	---	---	---	---
Poindexter	---	---	---	---	---	---	---	---	---
SeC: Sekil	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	Moderate

Table K2. - Soil Features - Continued

Louisa 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			
SeC:									
Poindexter	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---
SeC3:									
Sekil	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	Moderate
Cecil	---	---	---	---	---	---	---	---	---
Cullen	---	---	---	---	---	---	---	---	---
Fluvanna	---	---	---	---	---	---	---	---	---
SeD:									
Sekil	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	Moderate
Pacolet	---	---	---	---	---	---	---	---	---
Wedowee	---	---	---	---	---	---	---	---	---
Cullen	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
SeD:									
Rock outcrop	---	---	---	---	---	---	---	---	---
SeE:									
Sekil	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	Moderate
Rock outcrop	---	---	---	---	---	---	---	---	---
SP:									
Sekil	Bedrock (lithic)	24-42	---	Indurated	---	---	---	Low	Moderate
Poindexter	Bedrock (paralithic)	24-60	---	Very strongly cemented	---	---	---	Moderate	Moderate
Rock outcrop	Bedrock (lithic)	0	---	Indurated	---	---	---	---	---
Appling	---	---	---	---	---	---	---	---	---
Cecil	---	---	---	---	---	---	---	---	---
Cullen	---	---	---	---	---	---	---	---	---
Fluvanna	---	---	---	---	---	---	---	---	---

TaB2:

Table K2. - Soil Features - Continued

Louisa 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			
TaB2:									
Tatum	Bedrock (paralithic)	48-60	---	Very strongly cemented	---	---	---	High	High
Nason	---	---	---	---	---	---	---	---	---
Fluvanna	---	---	---	---	---	---	---	---	---
TaC2:									
Tatum	Bedrock (paralithic)	48-60	---	Very strongly cemented	---	---	---	High	High
Abell	---	---	---	---	---	---	---	---	---
Manteo	---	---	---	---	---	---	---	---	---
Nason	---	---	---	---	---	---	---	---	---
TaD2:									
Tatum	Bedrock (paralithic)	48-60	---	Very strongly cemented	---	---	---	High	High
Manteo	---	---	---	---	---	---	---	---	---
Nason	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
TmB3: Tatum	Bedrock (paralithic)	48-60	---	Very strongly cemented	---	---	---	High	High
Cullen	---	---	---	---	---	---	---	---	---
Nason	---	---	---	---	---	---	---	---	---
TmC3: Tatum	Bedrock (paralithic)	48-60	---	Very strongly cemented	---	---	---	High	High
Cullen	---	---	---	---	---	---	---	---	---
Nason	---	---	---	---	---	---	---	---	---
TmD3: Tatum	Bedrock (paralithic)	48-60	---	Very strongly cemented	---	---	---	High	High
Manteo	---	---	---	---	---	---	---	---	---
Rock outcrop	---	---	---	---	---	---	---	---	---

To:

Table K2. - Soil Features - Continued

Louisa 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			
To:									
Toccoa	---	---	---	---	---	---	---	Low	Moderate
Chewacla	---	---	---	---	---	---	---	---	---
Congaree	---	---	---	---	---	---	---	---	---
Ts:									
Toccoa	---	---	---	---	---	---	---	Low	Moderate
Chewacla	---	---	---	---	---	---	---	---	---
Congaree	---	---	---	---	---	---	---	---	---
TuB:									
Turbeville	---	---	---	---	---	---	---	High	High
Masada	---	---	---	---	---	---	---	---	---
W:									
Water	---	---	---	---	---	---	---	---	---
WaB2:									
Wedowee	---	---	---	---	---	---	---	Moderate	High

Table K2. - Soil Features - Continued

Louisa 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			
WaB2:									
Appling	---	---	---	---	---	---	---	Moderate	Moderate
Iredell	---	---	---	---	---	---	---	---	---
Pacolet	---	---	---	---	---	---	---	---	---
WaC2:									
Wedowee	---	---	---	---	---	---	---	Moderate	High
Appling	---	---	---	---	---	---	---	Moderate	Moderate
Ashlar	---	---	---	---	---	---	---	---	---
Pacolet	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---
WaD2:									
Wedowee	---	---	---	---	---	---	---	Moderate	High
Appling	---	---	---	---	---	---	---	Moderate	Moderate

Table K2. - Soil Features - Continued

Louisa 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			
WaD2:									
Ashlar	---	---	---	---	---	---	---	---	---
Poindexter	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---
WdD3:									
Wedowee	---	---	---	---	---	---	---	Moderate	High
Appling	---	---	---	---	---	---	---	Moderate	Moderate
Ashlar	---	---	---	---	---	---	---	---	---
Poindexter	---	---	---	---	---	---	---	---	---
Sekil	---	---	---	---	---	---	---	---	---
We:									
Wehadkee	---	---	---	---	---	---	---	High	Moderate
Chewacla	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
We:									
Forestdale	---	---	---	---	---	---	---	---	---
WH:									
Wehadkee	---	---	---	---	---	---	---	High	Moderate
Chewacla	---	---	---	---	---	---	---	High	Moderate
Congaree	---	---	---	---	---	---	---	---	---
Forestdale	---	---	---	---	---	---	---	---	---
Fork	---	---	---	---	---	---	---	---	---
WkB:									
Wickham	---	---	---	---	---	---	---	Moderate	High
Altavista	---	---	---	---	---	---	---	---	---
WoB:									
Worsham	---	---	---	---	---	---	---	High	Moderate
Abell	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Louisa 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			
WoB: Colfax	---	---	---	---	---	---	---	---	---
YoB: York	Fragipan	18-36	---	Weakly cemented	---	---	---	High	High
Lignum	---	---	---	---	---	---	---	---	---
Nason	---	---	---	---	---	---	---	---	---
ZoB: Zion	Bedrock (lithic)	24-42	---	Very strongly cemented	---	---	---	High	Moderate
Forestdale	---	---	---	---	---	---	---	---	---
Iredell	---	---	---	---	---	---	---	---	---
Poindexter	---	---	---	---	---	---	---	---	---
ZoB2: Zion	Bedrock (lithic)	24-42	---	Very strongly cemented	---	---	---	High	Moderate

Table K2. - Soil Features - Continued

Louisa 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			
ZoB2:									
Enon	---	---	---	---	---	---	---	---	---
Mecklenburg	---	---	---	---	---	---	---	---	---
Poindexter	---	---	---	---	---	---	---	---	---
Elbert	---	---	---	---	---	---	---	---	---
ZoC2:									
Zion	Bedrock (lithic)	24-42	---	Very strongly cemented	---	---	---	High	Moderate
Sekil	---	---	---	---	---	---	---	---	---
Poindexter	---	---	---	---	---	---	---	---	---