

(See text for definitions of terms used in this table. 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			
AsC: Ashe-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Low	High
AsD: Ashe-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Low	High
BdB: Beltsville-----	---	---	---	---	0	---	High	High	High
BeB: Beltsville-----	---	---	---	---	0	---	High	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Bg: Bibb-----	---	---	---	---	0	---	None	High	Moderate
BnB: Bourne-----	---	---	---	---	0	---	None	High	High
BnC: Bourne-----	---	---	---	---	0	---	None	High	High
BpB: Bourne-----	---	---	---	---	0	---	None	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
BrC: Brandywine-----	---	---	---	---	0	---	Low	Low	High
BrD: Brandywine-----	---	---	---	---	0	---	Low	Low	High
BtB: Brandywine-----	---	---	---	---	0	---	Low	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
BtC: Brandywine-----	---	---	---	---	0	---	Low	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---

Table K2.--Soil Features--Continued

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			
BtD: Brandywine-----	---	---	---	---	0	---	Low	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
CcB: Chillum-----	---	---	---	---	0	---	High	Moderate	High
CcC: Chillum-----	---	---	---	---	0	---	High	Moderate	High
CcD: Chillum-----	---	---	---	---	0	---	High	Moderate	High
CdB: Chillum-----	---	---	---	---	0	---	High	Moderate	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
CdC: Chillum-----	---	---	---	---	0	---	High	Moderate	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
CdD: Chillum-----	---	---	---	---	0	---	High	Moderate	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
CeB: Christiana-----	---	---	---	---	0	---	Moderate	High	High
CeC: Christiana-----	---	---	---	---	0	---	Moderate	High	High
CeD: Christiana-----	---	---	---	---	0	---	Moderate	High	High
CfB: Christiana-----	---	---	---	---	0	---	Moderate	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
CfC: Christiana-----	---	---	---	---	0	---	Moderate	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---

Table K2.--Soil Features--Continued

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			
CfD: Christiana-----	---	---	---	---	0	---	Moderate	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Ck: Codorus-----	---	---	---	---	0	---	High	High	Moderate
Cn: Codorus-----	---	---	---	---	0	---	High	High	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
CwB: Croom-----	---	---	---	---	0	---	Moderate	Low	High
CwC: Croom-----	---	---	---	---	0	---	Moderate	Low	High
CwD: Croom-----	---	---	---	---	0	---	Moderate	Low	High
CxB: Croom-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
CxC: Croom-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
CxD: Croom-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Dn: Dunning-----	---	---	---	---	0	---	None	High	Moderate
Fa: Fallsington-----	---	---	---	---	0	---	Moderate	High	High
FB: Fluvaquents-----	---	---	---	---	0	---	Moderate	High	High

Table K2.--Soil Features--Continued

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			
FD: Fluvaquents-----	---	---	---	---	0	---	High	High	High
FF: Fluvaquents-----	---	---	---	---	0	---	Moderate	High	High
Udifluents-----	---	---	---	---	0	---	Moderate	High	High
FH: Fluvaquents-----	---	---	---	---	0	---	High	High	High
Udifluents-----	---	---	---	---	0	---	Moderate	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
GeB: Galestown-----	---	---	---	---	0	---	Low	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
GfB: Galestown-----	---	---	---	---	0	---	Low	Low	High
Rumford-----	---	---	---	---	0	---	None	Low	High
GfC: Galestown-----	---	---	---	---	0	---	Low	Low	High
Rumford-----	---	---	---	---	0	---	None	Low	High
GgB: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GgC: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GgD: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GhB: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---

Table K2.--Soil Features--Continued

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		
GhC: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
GhD: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
GlB: Glenelg Variant-----	---	60-99	---	---	0	---	High	High	Moderate
GmB: Glenelg Variant-----	---	60-99	---	---	0	---	High	High	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Ik: Iuka-----	---	---	---	---	0	---	None	Moderate	High
Ip: Iuka-----	---	---	---	---	0	---	None	Moderate	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
JtB: Joppa-----	---	---	---	---	0	---	Low	Low	High
JtC: Joppa-----	---	---	---	---	0	---	Low	Low	High
JtD: Joppa-----	---	---	---	---	0	---	Low	Low	High
JuB: Joppa-----	---	---	---	---	0	---	Low	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
JuC: Joppa-----	---	---	---	---	0	---	Low	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---

Table K2.--Soil Features--Continued

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			
JuD: Joppa-----	---	---	---	---	0	---	Low	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
KeB: Keyport-----	---	---	---	---	0	---	High	High	High
KeC: Keyport-----	---	---	---	---	0	---	High	High	High
KmB: Keyport-----	---	---	---	---	0	---	High	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
KmC: Keyport-----	---	---	---	---	0	---	High	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Ld: Lindside-----	---	---	---	---	0	---	High	Moderate	Low
Lp: Lindside-----	Bedrock (lithic)	40-60	---	---	0	---	High	Moderate	Low
MbC: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MbD: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
McC: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MdB: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
MdC: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---

Table K2.--Soil Features--Continued

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			
MdD: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
MgB: Matapeake-----	---	---	---	---	0	---	Moderate	Moderate	High
MgC: Matapeake-----	---	---	---	---	0	---	Moderate	Moderate	High
MhB: Matapeake-----	---	---	---	---	0	---	Moderate	Moderate	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Mp: Melvin-----	---	---	---	---	0	---	None	High	Low
MvB: Muirkirk Variant-----	---	---	---	---	0	---	Low	High	High
MvC: Muirkirk Variant-----	---	---	---	---	0	---	Low	High	High
MvD: Muirkirk Variant-----	---	---	---	---	0	---	Low	High	High
NeC: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
NeD: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
NuC: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
NuD: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
SaB: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High

Table K2.--Soil Features--Continued

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			
SaC: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
ScB: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
ScC: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
ScD: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
SgB: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
SgC: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
SgD: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
SmB: Sunnyside-----	---	---	---	---	0	---	Moderate	Low	High
SmC: Sunnyside-----	---	---	---	---	0	---	Moderate	Low	High
SmD: Sunnyside-----	---	---	---	---	0	---	Moderate	Low	High
SpB: Sunnyside-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
SpC: Sunnyside-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---

Table K2.--Soil Features--Continued

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			
SpD: Sunnyside-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
U1: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U2: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U3: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U4: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U5: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U6: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U7: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U8: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U9: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U10: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U11B: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U11C: Udorthents-----	---	10-10	---	---	0	---	None	---	---
U11D: Udorthents-----	---	10-10	---	---	0	---	None	---	---
UA: Udifluvents-----	---	---	---	---	0	---	Moderate	High	High

Table K2.--Soil Features--Continued

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			
Ub: Urban Land-----	---	10-10	---	---	0	---	None	---	---
UcB: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Beltsville-----	---	---	---	---	0	---	High	High	High
UdB: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Brandywine-----	---	---	---	---	0	---	Low	Low	High
UeB: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Chillum-----	---	---	---	---	0	---	High	Moderate	High
UeC: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Chillum-----	---	---	---	---	0	---	High	Moderate	High
UfB: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Christiana-----	---	---	---	---	0	---	Moderate	High	High
Christiana-----	---	---	---	---	0	---	Moderate	High	High
UfC: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Christiana-----	---	---	---	---	0	---	Moderate	High	High
Christiana-----	---	---	---	---	0	---	Moderate	High	High
UkC: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Croom-----	---	---	---	---	0	---	Moderate	Low	High
UmB: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Galestown-----	---	---	---	---	0	---	Low	Low	High

Table K2.--Soil Features--Continued

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			
UoC: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Joppa-----	---	---	---	---	0	---	Low	Low	High
UpB: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Keyport-----	---	---	---	---	0	---	High	High	High
Keyport-----	---	---	---	---	0	---	High	High	High
UsB: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
UsC: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
UxB: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
UxC: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
UyC: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Sunnyside-----	---	---	---	---	0	---	Moderate	Low	High
UzB: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Woodstown-----	---	---	---	---	0	---	Moderate	Moderate	High
W: Water-----	---	---	---	---	---	---	---	---	---
WoB: Woodstown-----	---	---	---	---	0	---	Moderate	Moderate	High

Table K2.--Soil Features--Continued

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			
WpB: Urban Land-----	---	10-10	---	---	0	---	None	---	---
Woodstown-----	---	---	---	---	0	---	Moderate	Moderate	High

