

(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			
AdA: Aldino-----	Bedrock (paralithic)	40-40	---	---	0	---	High	High	High
AdB2: Aldino-----	Bedrock (paralithic)	40-40	---	---	0	---	High	High	High
AdC2: Aldino-----	Bedrock (paralithic)	40-40	---	---	0	---	High	High	High
AsC: Aldino-----	Bedrock (paralithic)	40-40	---	---	0	---	High	High	High
AuB: Aldino-----	Bedrock (paralithic)	40-40	---	---	0	---	High	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Av: Alluvial Land-----	---	---	---	---	0	---	High	High	High
BaA: Baile-----	---	---	---	---	0	---	High	High	High
BaB: Baile-----	---	---	---	---	0	---	High	High	High
BmA: Baltimore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
BmB2: Baltimore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
BmC2: Baltimore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate

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		
BnB: Baltimore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Br: Barclay-----	---	---	---	---	0	---	None	High	Moderate
BtA: Beltsville-----	---	---	---	---	0	---	High	High	High
BtB: Beltsville-----	---	---	---	---	0	---	High	High	High
BtC2: Beltsville-----	---	---	---	---	0	---	High	High	High
BuB: Beltsville-----	---	---	---	---	0	---	High	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
BuC: Beltsville-----	---	---	---	---	0	---	High	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
BwB2: Brandywine-----	---	---	---	---	0	---	Low	Low	High
BwC2: Brandywine-----	---	---	---	---	0	---	Low	Low	High
ByD2: Brandywine-----	---	---	---	---	0	---	Low	Low	High
ByD3: Brandywine-----	---	---	---	---	0	---	Low	Low	High
ByE: Brandywine-----	---	---	---	---	0	---	Low	Low	High
CaA: Captina-----	---	---	---	---	0	---	None	Moderate	High
CaB2: Captina-----	---	---	---	---	0	---	None	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			
CcA: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CcB2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CcC2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CgB2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CgC2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
ChB2: Chillum-----	---	---	---	---	0	---	High	Moderate	High
ChC2: Chillum-----	---	---	---	---	0	---	High	Moderate	High
ChC3: Chillum-----	---	---	---	---	0	---	High	Moderate	High
CkB2: Chillum-----	---	---	---	---	0	---	High	Moderate	High
Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
CkC2: Chillum-----	---	---	---	---	0	---	High	Moderate	High
Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
CkD2: Chillum-----	---	---	---	---	0	---	High	Moderate	High
Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
ClB: Chillum-----	---	---	---	---	0	---	High	Moderate	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 In	Thickness In	Hardness	Initial In	Total In		Uncoated steel	Concrete
C1D: Chillum-----	---	---	---	---	0	---	High	Moderate	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
CmB: Christiana-----	---	---	---	---	0	---	Moderate	High	High
CmC2: Christiana-----	---	---	---	---	0	---	Moderate	High	High
CnB2: Chrome-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
CoC3: Chrome-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
CoE3: Chrome-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
Cp: Clay Pits-----	---	---	---	---	0	---	Moderate	High	High
Ct: Coastal Beaches-----	---	---	---	---	0	---	Low	High	High
Cu: Codorus-----	---	---	---	---	0	---	High	High	Moderate
Cv: Comus-----	---	---	---	---	0	---	Moderate	Low	High
CwB2: Conestoga-----	---	---	---	---	0	---	Moderate	Moderate	High
CwC2: Conestoga-----	---	---	---	---	0	---	Moderate	Moderate	High
DcB: Delanco-----	---	---	---	---	0	---	High	High	High
Du: Dunning-----	---	---	---	---	0	---	None	High	Moderate
EdB2: Edgemont-----	Bedrock (lithic)	40-84	---	---	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			
EdC2: Edgemont-----	Bedrock (lithic)	40-84	---	---	0	---	Moderate	Low	High
EgD: Edgemont-----	Bedrock (lithic)	40-84	---	---	0	---	Moderate	Low	High
EgE: Edgemont-----	Bedrock (lithic)	40-84	---	---	0	---	Moderate	Low	High
EhB2: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate
EhC2: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate
EkB2: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate
EkC2: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate
ElC3: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate
Em: Elkton-----	---	---	---	---	0	---	Moderate	High	High
En: Elkton-----	---	---	---	---	0	---	Moderate	High	High
Eo: Elkton-----	---	---	---	---	0	---	Moderate	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
EsB: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
EsC2: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
Fa: Fallsington-----	---	---	---	---	0	---	Moderate	High	High
Fs: Fallsington-----	---	---	---	---	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		
FtB: Fort Mott-----	---	---	---	---	0	---	Moderate	Moderate	High
GaB: Galestown-----	---	---	---	---	0	---	Low	Low	High
GaC: Galestown-----	---	---	---	---	0	---	Low	Low	High
GcB2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GcC2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GcC3: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GcD2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GcD3: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GgB2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GgC2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GgD2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GgD3: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GlB: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
GlC: 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			
GnA: Glenville-----	---	60-99	---	---	0	---	High	High	Moderate
GnB: Glenville-----	---	60-99	---	---	0	---	High	High	Moderate
GuB: Glenville-----	---	60-99	---	---	0	---	High	High	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
HaA: Hagerstown-----	---	---	---	---	0	---	Moderate	Moderate	Low
HaB2: Hagerstown-----	---	---	---	---	0	---	Moderate	Moderate	Low
HaC2: Hagerstown-----	---	---	---	---	0	---	Moderate	Moderate	Low
Hb: Hatboro-----	---	---	---	---	0	---	High	High	Moderate
HoB2: Hollinger-----	---	---	---	---	0	---	Moderate	Low	Moderate
HoC2: Hollinger-----	---	---	---	---	0	---	Moderate	Low	Moderate
HrD3: Hollinger-----	---	---	---	---	0	---	Moderate	Low	Moderate
Conestoga-----	---	---	---	---	0	---	Moderate	Moderate	High
HsC: Hollinger-----	---	---	---	---	0	---	Moderate	Low	Moderate
Conestoga-----	---	---	---	---	0	---	Moderate	Moderate	High
Iu: Iuka-----	---	---	---	---	0	---	None	Moderate	High
JpB: Joppa-----	---	---	---	---	0	---	Low	Low	High
JpC2: Joppa-----	---	---	---	---	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			
JpD2: Joppa-----	---	---	---	---	0	---	Low	Low	High
JuD: Joppa-----	---	---	---	---	0	---	Low	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
KeB2: Kelly-----	Bedrock (lithic)	40-60	---	---	0	---	Moderate	High	High
KeC2: Kelly-----	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Low	Low
KsC: Kelly-----	Bedrock (lithic)	40-60	---	---	0	---	Moderate	Low	Moderate
KuB: Kelly-----	Bedrock (lithic)	40-60	---	---	0	---	Moderate	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
LeB2: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LeC2: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LeD2: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LeE: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LfC: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LfD: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LfE: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LgC3: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate

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			
LgD3: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LhB: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
LhC: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
LlB: Lenoir-----	---	---	---	---	0	---	None	High	High
LmB: Lenoir-----	---	---	---	---	0	---	None	High	High
LmC2: Lenoir-----	---	---	---	---	0	---	High	High	High
LnC3: Lenoir-----	---	---	---	---	0	---	High	High	High
LoB: Lenoir-----	---	---	---	---	0	---	None	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Lr: Leonardtown-----	---	---	---	---	0	---	High	High	High
Ls: Lindsay-----	---	---	---	---	0	---	High	Moderate	Low
LyB: Loamy And Clayey Lan---	---	---	---	---	0	---	Low	High	High
LyD: Loamy And Clayey Lan---	---	---	---	---	0	---	Low	High	High
LyE: Loamy And Clayey Lan---	---	---	---	---	0	---	Low	High	High
Ma: Made 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		
MbB2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MbC2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MbC3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MbD2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MbD3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
McB2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
McC2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
McC3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
McD2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
McD3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MdE: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MeD: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
MgC: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
Glenelg-----	---	---	---	---	0	---	Moderate	Low	Moderate
MhD: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
Brandywine-----	Bedrock (lithic)	20-40	---	---	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			
MhE: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
Brandywine-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Low	High
MkA: Matapeake-----	---	---	---	---	0	---	Moderate	Moderate	High
MkB: Matapeake-----	---	---	---	---	0	---	Moderate	Moderate	High
MkC2: Matapeake-----	---	---	---	---	0	---	Moderate	Moderate	High
MlA: Mattapex-----	---	---	---	---	0	---	Moderate	High	High
MlB: Mattapex-----	---	---	---	---	0	---	Moderate	High	High
MmB: Mattapex-----	---	---	---	---	0	---	Moderate	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Mn: Melvin-----	---	---	---	---	0	---	None	High	Low
Mo: Melvin-----	---	---	---	---	0	---	None	High	Low
Mr: Mine Dumps And Quarr---	---	---	---	---	0	---	Low	High	High
MsB2: Montalto-----	---	---	---	---	0	---	Moderate	High	High
MsC2: Montalto-----	---	---	---	---	0	---	Moderate	High	High
MtB2: Mt. Airy-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
MtC2: Mt. Airy-----	Bedrock (paralithic)	20-40	---	---	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			
MtD2: Mt. Airy-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
MtD3: Mt. Airy-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
NeB2: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
NeC2: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
Ot: Othello-----	---	---	---	---	0	---	Moderate	High	High
Po: Pocomoke-----	---	---	---	---	0	---	None	High	High
ReC2: Relay-----	Bedrock (lithic)	48-60	---	---	0	---	Moderate	Moderate	Moderate
ReD2: Relay-----	Bedrock (lithic)	48-60	---	---	0	---	Moderate	Moderate	Moderate
RsD: Relay-----	---	---	---	---	0	---	Moderate	High	High
RsE: Relay-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
RyD3: Relay-----	Bedrock (lithic)	48-60	---	---	0	---	Moderate	Moderate	Moderate
Sg: Sand And Gravel Pits---	---	---	---	---	0	---	None	---	---
ShA: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
ShB: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
ShC2: 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			
ShC3: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
ShD2: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
SlA: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
SlB: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
SlC2: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
SnB: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
SsD3: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
Joppa-----	---	---	---	---	0	---	Low	Low	High
SsE: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
Joppa-----	---	---	---	---	0	---	Low	Low	High
St: Stony Land-----	---	---	---	---	0	---	Moderate	Low	Moderate
SuB2: Sunnyside-----	---	---	---	---	0	---	Moderate	Low	High
Sw: Swamp-----	---	---	---	---	6-12	18-32	High	High	High
Tm: Tidal Marsh-----	---	---	---	---	0	---	None	High	High
Ub: Paved Areas-----	---	10-10	---	---	0	---	None	---	---
WaA: Watchung-----	---	---	---	---	0	---	High	High	Moderate

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			
WaB: Watchung-----	---	---	---	---	0	---	High	High	Moderate
WcB: Watchung-----	---	---	---	---	0	---	High	High	Moderate
WdA: Woodstown-----	---	---	---	---	0	---	Moderate	Moderate	High
WdB: Woodstown-----	---	---	---	---	0	---	Moderate	Moderate	High
WoA: Woodstown-----	---	---	---	---	0	---	Moderate	Moderate	High
WoB: Woodstown-----	---	---	---	---	0	---	Moderate	Moderate	High

