

(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			
ArA: Abbottstown-----	Bedrock (paralithic)	40-60	---	---	0	---	High	High	Moderate
Readington-----	Bedrock (paralithic)	40-40	---	---	0	---	Moderate	Moderate	Moderate
ArB2: Abbottstown-----	Bedrock (paralithic)	40-60	---	---	0	---	High	High	Moderate
Readington-----	Bedrock (paralithic)	40-40	---	---	0	---	Moderate	Moderate	Moderate
BaA: Baile-----	---	---	---	---	0	---	High	High	High
BaB: Baile-----	---	---	---	---	0	---	High	High	High
Be: Bermudian-----	---	---	---	---	0	---	Moderate	Low	Moderate
BrA: Birdsboro-----	---	---	---	---	0	---	Moderate	Moderate	High
BrB2: Birdsboro-----	---	---	---	---	0	---	Moderate	Moderate	High
Bs: Bowmansville-----	---	72-99	---	---	0	---	High	High	Moderate
BuA: Bucks-----	Bedrock (paralithic)	40-40	---	---	0	---	Moderate	Low	Moderate
BuB2: Bucks-----	Bedrock (paralithic)	40-40	---	---	0	---	Moderate	Low	Moderate
CaC2: Cardiff-----	Bedrock (lithic)	40-60	---	---	0	---	Moderate	Low	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			
CeA: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CeB2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CeC2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CeC3: Chester-----	---	---	---	---	0	---	Moderate	Low	High
Ch: Codorus-----	---	---	---	---	0	---	High	High	Moderate
Cm: Comus-----	---	---	---	---	0	---	Moderate	Low	High
CnA: Comus-----	---	---	---	---	0	---	Moderate	Low	High
CnB: Comus-----	---	---	---	---	0	---	Moderate	Low	High
CoA: Conestoga-----	---	---	---	---	0	---	Moderate	Moderate	High
CoB2: Conestoga-----	---	---	---	---	0	---	Moderate	Moderate	High
CoC2: Conestoga-----	---	---	---	---	0	---	Moderate	Moderate	High
CoC3: Conestoga-----	---	---	---	---	0	---	Moderate	Moderate	High
CoD3: Conestoga-----	---	---	---	---	0	---	Moderate	Moderate	High
DeA: Delanco-----	---	---	---	---	0	---	High	High	High
DeB2: Delanco-----	---	---	---	---	0	---	High	High	High
ElB2: Elioak-----	---	---	---	---	0	---	Moderate	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			
ElC2: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate
EmD3: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate
EnB2: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
EnC2: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
EsA: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
EsB2: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
EsC2: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	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
GlA: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GlB2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GlB3: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GlC2: Glenelg-----	---	---	---	---	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			
G1C3: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GvA: Glenville-----	---	60-99	---	---	0	---	High	High	Moderate
GvB: Glenville-----	---	60-99	---	---	0	---	High	High	Moderate
HaA: Hagerstown-----	---	---	---	---	0	---	Moderate	Moderate	Low
HaB2: Hagerstown-----	---	---	---	---	0	---	Moderate	Moderate	Low
HaC2: Hagerstown-----	---	---	---	---	0	---	Moderate	Moderate	Low
Ht: Hatboro-----	---	---	---	---	0	---	High	High	Moderate
K1B2: Klinesville-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	High
KsD4: Klinesville-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	High
KsF3: Klinesville-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	High
LbB2: Lewisberry-----	---	48-84	---	---	0	---	Moderate	Low	High
LbC2: Lewisberry-----	---	48-84	---	---	0	---	Moderate	Low	High
LbD: Lewisberry-----	---	48-84	---	---	0	---	Moderate	Low	High
Le: Lindside-----	---	---	---	---	0	---	High	Moderate	Low

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			
LnB2: Linganore-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Moderate
LnC2: Linganore-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Moderate
LnC3: Linganore-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Moderate
LnD2: Linganore-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Moderate
LnE: Linganore-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Moderate
Md: Made Land-----	---	10-10	---	---	0	---	None	---	---
MgB2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MgC2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MgC3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MgD2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MgD3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
M1B2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
M1B3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
M1C2: Manor-----	---	---	---	---	0	---	Moderate	Low	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			
MlC3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MlD2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MlD3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MlE: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MnC: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MnD: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MnE: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MnF: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
Mo: Melvin-----	---	---	---	---	0	---	None	High	Low
MtA: Mt.airy-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
MtB2: Mt.airy-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
MtC2: Mt.airy-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
MtC3: Mt.airy-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
MtD2: 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			
MtE: Mt.airy-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
PeB2: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
PhB2: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
PhC2: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
PhC3: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
PnA2: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
PnB2: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
PnC2: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
PnC3: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
PoD: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
PsB2: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
Steinsburg-----	Bedrock (paralithic)	24-40	---	---	0	---	None	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			
PsC3: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
Steinsburg-----	Bedrock (paralithic)	24-40	---	---	0	---	None	Low	High
RaA: Raritan-----	---	---	---	---	0	---	High	High	Moderate
RaB: Raritan-----	---	---	---	---	0	---	High	High	Moderate
Ro: Rowland-----	---	72-72	---	---	0	---	High	High	Moderate
StB2: Steinsburg-----	Bedrock (paralithic)	24-40	---	---	0	---	None	Low	High
StD3: Steinsburg-----	Bedrock (paralithic)	24-40	---	---	0	---	None	Low	High
UrA: Urbana-----	Bedrock (paralithic)	40-60	---	---	0	---	High	High	Moderate
UrB2: Urbana-----	Bedrock (paralithic)	40-60	---	---	0	---	High	High	Moderate
Ws: Wiltshire-----	---	60-99	---	---	0	---	Moderate	Moderate	Moderate

