

Allegany County, Maryland  
Table K2.--Soil Features

Print date: 09/05/2002

(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			
AbB: Albrights-----	---	---	---	---	0	---	Moderate	High	High
AbC2: Albrights-----	---	---	---	---	0	---	Moderate	High	High
AgD: Albrights-----	---	---	---	---	0	---	Moderate	High	High
AhA: Allegheny-----	---	---	---	---	0	---	Moderate	Low	High
AhB2: Allegheny-----	---	---	---	---	0	---	Moderate	Low	High
AhC2: Allegheny-----	---	---	---	---	0	---	Moderate	Low	High
AlA: Allegheny-----	---	---	---	---	0	---	Moderate	Low	High
AlB2: Allegheny-----	---	---	---	---	0	---	Moderate	Low	High
AlC2: Allegheny-----	---	---	---	---	0	---	Moderate	Low	High
AlD: Allegheny-----	---	---	---	---	0	---	Moderate	Low	High
AnB: Allegheny-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	Moderate	---	---
AnC: Allegheny-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	Moderate	---	---
Au: Alluvial Land-----	---	---	---	---	0	---	High	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			
Av: Alluvial Land-----	---	---	---	---	0	---	Moderate	High	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
Aw: Atkins-----	---	---	---	---	0	---	High	High	Moderate
BeE: Belmont-----	Bedrock (lithic)	40-60	---	---	0	---	Moderate	Moderate	Moderate
BkC3: Brooke-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
BuB2: Buchanan-----	---	---	---	---	0	---	Moderate	High	High
BuC2: Buchanan-----	---	---	---	---	0	---	Moderate	High	High
BvC: Buchanan-----	---	---	---	---	0	---	Moderate	High	High
BvD: Buchanan-----	---	---	---	---	0	---	Moderate	High	High
CaB: Calvin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
CaC: Calvin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
ClB2: Calvin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
ClC2: Calvin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
ClD2: Calvin-----	Bedrock (paralithic)	20-40	---	---	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			
ClE: Calvin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
CnB2: Calvin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
CnC2: Calvin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
CnD2: Calvin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
CnE: Calvin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
CoB2: Cavode-----	Bedrock (paralithic)	40-72	---	---	0	---	High	High	High
CoC2: Cavode-----	Bedrock (paralithic)	40-72	---	---	0	---	High	High	High
CrD: Cavode-----	Bedrock (paralithic)	40-72	---	---	0	---	High	High	High
CsA: Chavies-----	---	---	---	---	0	---	Low	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		
CsB: Chavies-----	---	---	---	---	0	---	Low	Low	Moderate
CtB2: Cookport-----	Bedrock (lithic)	40-72	---	---	0	---	Moderate	Moderate	Moderate
CtC2: Cookport-----	Bedrock (lithic)	40-72	---	---	0	---	Moderate	Moderate	Moderate
CuB: Cookport-----	Bedrock (lithic)	40-72	---	---	0	---	Moderate	Moderate	Moderate
CuD: Cookport-----	Bedrock (lithic)	40-72	---	---	0	---	Moderate	Moderate	Moderate
Cv: Cut And Fill Land-----	Bedrock (lithic)	20-60	---	---	0	---	Low	High	High
DeB2: Dekalb-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
DeC2: Dekalb-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
DeD: Dekalb-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
DkB: Dekalb-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
DkC: Dekalb-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
DlE: Dekalb-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
Lehew-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
DlF: Dekalb-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
Lehew-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
EdB2: Edom-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	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			
EdC2: Edom-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
EdD2: Edom-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
Edom-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
EdE2: Edom-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
Edom-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
EeE3: Edom-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
Edom-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
E1A: Elliber-----	---	---	---	---	0	---	Moderate	Low	High
E1B2: Elliber-----	---	---	---	---	0	---	Moderate	Low	High
E1C2: Elliber-----	---	---	---	---	0	---	Moderate	Low	High
E1D: Elliber-----	---	---	---	---	0	---	Moderate	Low	High
Elliber-----	---	---	---	---	0	---	Moderate	Low	High
EmC: Elliber-----	---	---	---	---	0	---	Moderate	Low	High
EmD: Elliber-----	---	---	---	---	0	---	Moderate	Low	High
Elliber-----	---	---	---	---	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			
EmF: Elliber-----	---	---	---	---	0	---	Moderate	Low	High
Elliber-----	---	---	---	---	0	---	Moderate	Low	High
ErA: Ernest-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
ErB2: Ernest-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
ErC2: Ernest-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
ErD2: Ernest-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
EuB: Ernest-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Landisburg-----	Bedrock (lithic)	48-60	---	---	0	---	High	High	Low
Urban Land-----	---	10-10	---	---	0	---	None	---	---
EuD: Ernest-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Landisburg-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
G1B2: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
G1C2: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
G1D2: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
Gilpin-----	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			
GnB2: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
GnC2: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
GnD2: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
GnE: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
GsB: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
GsD: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
GuB: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
Urban Land-----	---	10-10	---	---	0	---	None	---	---
GuD: Gilpin-----	Bedrock (paralithic)	20-40	---	---	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			
GwF: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Gx: Gravel Pits-----	---	---	---	---	0	---	Low	---	---
HeC2: Hagerstown-----	---	---	---	---	0	---	Moderate	Moderate	Low
HeE2: Hagerstown-----	---	---	---	---	0	---	Moderate	Moderate	Low
Hn: Huntington-----	---	---	---	---	0	---	High	Low	Moderate
HxA: Huntington-----	---	---	---	---	0	---	High	Low	Moderate
HxB: Huntington-----	---	---	---	---	0	---	High	Low	Moderate
HxC: Huntington-----	---	---	---	---	0	---	High	Low	Moderate
LaB2: Laidig-----	---	---	---	---	0	---	Moderate	Moderate	High
LaC2: Laidig-----	---	---	---	---	0	---	Moderate	Moderate	High
LaD2: Laidig-----	---	---	---	---	0	---	Moderate	Moderate	High
LbC: Laidig-----	---	---	---	---	0	---	Moderate	Moderate	High
LbD: Laidig-----	---	---	---	---	0	---	Moderate	Moderate	High
LdA: Landisburg-----	Bedrock (lithic)	48-60	---	---	0	---	High	High	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			
LdB2: Landisburg-----	Bedrock (lithic)	48-60	---	---	0	---	High	High	Low
LdC2: Landisburg-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LdD2: Landisburg-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LgD: Leetonia-----	Bedrock (lithic)	40-60	---	---	0	---	Low	Low	High
LhB2: Lehew-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
LhC2: Lehew-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
LhE: Lehew-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
Lehew-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
LlB: Lehew-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
LlD: Lehew-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
Lehew-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
Lm: Lickdale-----	Bedrock (paralithic)	40-40	---	---	0	---	High	High	High
Ln: Lindsay-----	---	---	---	---	0	---	High	Moderate	Low
LsB2: Litz-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	High
LsC2: Litz-----	Bedrock (paralithic)	20-40	---	---	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			
LsD2: Litz-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	High
Litz-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	High
LsE: Litz-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	High
Litz-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	High
LyB: Loysville-----	Bedrock (lithic)	48-60	---	---	0	---	High	High	Low
McB2: Meckesville-----	---	---	---	---	0	---	Moderate	Moderate	High
McC2: Meckesville-----	---	---	---	---	0	---	Moderate	Moderate	High
McD2: Meckesville-----	---	---	---	---	0	---	Moderate	Moderate	High
MdC: Meckesville-----	---	---	---	---	0	---	Moderate	Moderate	High
MdD: Meckesville-----	---	---	---	---	0	---	Moderate	Moderate	High
Me: Melvin-----	---	---	---	---	0	---	High	High	Low
MhA: Monongahela-----	---	---	---	---	0	---	Moderate	High	High
MhB2: Monongahela-----	---	---	---	---	0	---	Moderate	High	High
MhC2: Monongahela-----	---	---	---	---	0	---	Moderate	High	High
NoA: Nolo-----	Bedrock (paralithic)	40-60	---	---	0	---	High	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			
NoB: Nolo-----	Bedrock (paralithic)	40-60	---	---	0	---	High	High	High
NoC2: Nolo-----	Bedrock (paralithic)	40-60	---	---	0	---	High	High	High
NsC: Nolo-----	Bedrock (paralithic)	40-60	---	---	0	---	High	High	High
OpB2: Opequon-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
OpC2: Opequon-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
OpD2: Opequon-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
Opequon-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
OpE2: Opequon-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
Opequon-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	High	Low
OuD: Opequon-----	---	---	---	---	0	---	Moderate	Low	High
OuE: Opequon-----	---	---	---	---	0	---	Moderate	Low	High
Opequon-----	---	---	---	---	0	---	Moderate	Low	High
Ph: Philo-----	Bedrock (lithic)	40-40	---	---	0	---	Moderate	Low	High
Pn: Pope-----	---	---	---	---	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		
Ps: Pope-----	---	---	---	---	0	---	Moderate	Low	High
RbB: Robertsville-----	---	---	---	---	0	---	High	High	High
Rc: Rock Outcrop-----	Bedrock (lithic)	0-0	---	---	0	---	Low	---	---
ShB2: Shelocta-----	Bedrock (lithic)	48-48	---	---	0	---	Moderate	Low	High
ShC2: Shelocta-----	Bedrock (lithic)	48-48	---	---	0	---	Moderate	Low	High
ShD2: Shelocta-----	Bedrock (lithic)	48-48	---	---	0	---	Moderate	Low	High
	Shelocta-----	Bedrock (lithic)	48-48	---	0	---	Moderate	Low	High
SrC: Stony Land-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
	Stony Land-----	Bedrock (lithic)	20-40	---	0	---	Low	Low	High
SrF: Stony Land-----	Bedrock (lithic)	20-40	---	---	0	---	Low	Low	High
St: Strip Mines And Dump---	Bedrock (lithic)	20-60	---	---	0	---	Low	High	High
TyA: Tyler-----	---	---	---	---	0	---	High	High	High
TyB: Tyler-----	---	---	---	---	0	---	High	High	High
W: Water-----	---	---	---	---	---	---	---	---	---
WeB2: Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
WeC2: Weikert-----	Bedrock (paralithic)	10-20	---	---	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			
WeE: Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
WkD: Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
WlB: Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
WlC: Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
WlE: Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Urban Land-----	---	10-10	---	---	0	---	None	---	---
WnF: Gilpin-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	High
Weikert-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
WsB2: Westmoreland-----	Bedrock (lithic)	40-40	---	---	0	---	Moderate	Low	High
WsC2: Westmoreland-----	Bedrock (lithic)	40-40	---	---	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			
WsD2:									
Westmoreland-----	Bedrock (lithic)	40-40	---	---	0	---	Moderate	Low	High
Westmoreland-----	Bedrock (lithic)	40-40	---	---	0	---	Moderate	Low	High
WsE:									
Westmoreland-----	Bedrock (lithic)	40-40	---	---	0	---	Moderate	Low	High
Westmoreland-----	Bedrock (lithic)	40-40	---	---	0	---	Moderate	Low	High

