

HIGHLY ERODIBLE LAND CLASSIFICATION REPORT
 Frederick County, Maryland: Detailed Soil Map Legend

Map Symbol	Soil Mapunit Name	HEL Classification	
		R=	C=
AdA	Adamstown silt loam, 0 to 3 percent slopes	not highly erodible	
AdB	Adamstown silt loam, 3 to 8 percent slopes	highly erodible	
AfB	Adamstown-Funkstown complex, 0 to 8 percent slopes	highly erodible	
ArB	Airmont cobbly loam, 3 to 8 percent slopes, extremely stony	potentially highly erodible	
ArD	Airmont cobbly loam, 8 to 25 percent slopes, extremely stony	highly erodible	
AtB	Athol gravelly loam, 3 to 8 percent slopes	not highly erodible	
AtC	Athol gravelly loam, 8 to 15 percent slopes	highly erodible	
BaB	Bagtown cobbly loam, 3 to 8 percent slopes, extremely stony	highly erodible	
BaC	Bagtown cobbly loam, 8 to 15 percent slopes, extremely stony	highly erodible	
BaD	Bagtown cobbly loam, 15 to 25 percent slopes, extremely stony	highly erodible	
BbD	Bagtown cobbly loam, 15 to 25 percent slopes, rubbly	highly erodible	
BbE	Bagtown cobbly loam, 25 to 45 percent slopes, rubbly	highly erodible	
BcB	Baile-Glenville silt loams, 0 to 8 percent slopes	highly erodible	
BdB	Benevola silty clay loam, 0 to 8 percent slopes	highly erodible	
BdC	Benevola silty clay loam, 8 to 15 percent slopes	highly erodible	
BfA	Bermudian silt loam, 0 to 3 percent slopes	not highly erodible	
BgA	Birdsboro silt loam, 0 to 3 percent slopes	highly erodible	
BgB	Birdsboro silt loam, 3 to 8 percent slopes	highly erodible	
BhE	Blocktown gravelly loam, 25 to 45 percent slopes	highly erodible	
BkD	Brinklow-Blocktown channery loams, 15 to 25 percent slopes	highly erodible	
BmA	Bowmansville-Rowland silt loams, 0 to 3 percent slopes	not highly erodible	
BmB	Bowmansville-Rowland complex, 3 to 8 percent slopes	highly erodible	
BnB	Braddock gravelly loam, 3 to 8 percent slopes	highly erodible	
BnC	Braddock gravelly loam 8 to 15 percent slopes	highly erodible	
BoB	Braddock cobbly loam, 3 to 8 percent slopes	potentially highly erodible	
BpB	Brecknock channery loam, 3 to 8 percent slopes	highly erodible	
BrB	Brentsville channery loam, 3 to 8 percent slopes	highly erodible	
BrC	Brentsville channery loam, 8 to 15 percent slopes	highly erodible	
BsB	Buckeystown sandy loam, 3 to 8 percent slopes	potentially highly erodible	
BtB	Buckeystown loam, 3 to 8 percent slopes	potentially highly erodible	
BtC	Buckeystown loam, 8 to 15 percent slopes	highly erodible	
BuB	Buckeystown sandy loam, 3 to 8 percent slopes, rocky	potentially highly erodible	
CaC	Cardiff channery loam, 8 to 15 percent slopes	highly erodible	
CaD	Cardiff channery loam, 15 to 25 percent slopes	highly erodible	
CaE	Cardiff channery loam, 25 to 45 percent slopes	highly erodible	
CbF	Cardiff channery loam, 25 to 65 percent slopes, rocky	highly erodible	
CcC	Catoctin channery loam, 8 to 15 percent slopes	highly erodible	
CcD	Catoctin channery loam, 15 to 25 percent slopes	highly erodible	
CcE	Catoctin channery loam, 25 to 45 percent slopes	highly erodible	
CdB	Catoctin-Highfield complex, 3 to 8 percent slopes, very rocky	highly erodible	
CdC	Catoctin-Highfield complex, 8 to 15 percent slopes, very rocky	highly erodible	
CdD	Catoctin-Highfield complex, 15 to 25 percent slopes, very rocky	highly erodible	
CdE	Catoctin-Highfield complex, 15 to 45 percent slopes, very rocky	highly erodible	
CeB	Catoctin-Spoilsville complex, 3 to 8 percent slopes	highly erodible	

HIGHLY ERODIBLE LAND CLASSIFICATION REPORT--Continued
 Frederick County, Maryland: Detailed Soil Map Legend

Map Symbol	Soil Mapunit Name	HEL Classification	
		R=	C=
CeC	Catoctin-Spoolsville complex, 8 to 15 percent slopes	highly erodible	
CeD	Catoctin-Spoolsville complex, 15 to 25 percent slopes	highly erodible	
CeE	Catoctin-Spoolsville complex, 25 to 45 percent slopes	highly erodible	
CgA	Codorus and Hatboro silt loams, 0 to 3 percent slopes	not highly erodible	
CmA	Combs fine sandy loam, 0 to 3 percent slopes	not highly erodible	
CnA	Combs silt loam, 0 to 3 percent slopes	not highly erodible	
CoB	Conestoga and Letort silt loams, 3 to 8 percent slopes	highly erodible	
CoC	Conestoga and Letort silt loams, 8 to 15 percent slopes	highly erodible	
CrA	Croton-Abbottstown silt loams, 0 to 3 percent slopes	not highly erodible	
CrB	Croton-Abbottstown silt loams, 3 to 8 percent slopes	highly erodible	
DbF	Dekalb-Bagtown-Rock outcrop complex, 25 to 65 percent slopes	highly erodible	
DeC	Dekalb-Rock outcrop complex, 8 to 15 percent slopes	highly erodible	
DeD	Dekalb-Rock outcrop complex, 15 to 25 percent slopes	highly erodible	
DoB	Downsville gravelly loam, 3 to 8 percent slopes	potentially highly erodible	
DoC	Downsville gravelly loam, 8 to 15 percent slopes	highly erodible	
DqA	Dryrun gravelly loam, 0 to 3 percent slopes	not highly erodible	
DtA	Duffield-Ryder silt loams, 0 to 3 percent slopes	not highly erodible	
DtB	Duffield-Ryder silt loams, 3 to 8 percent slopes	highly erodible	
DtC	Duffield-Ryder silt loams, 8 to 15 percent slopes	highly erodible	
DuB	Duffield and Ryder channery silt loams, 3 to 8 percent slopes	highly erodible	
DvB	Duffield and Ryder channery silt loams, 3 to 8 percent slopes, rocky	highly erodible	
DwB	Duffield-Hagerstown-Urban land complex, 3 to 8 percent slopes	not highly erodible	
EdB	Edgemont gravelly loam, 3 to 8 percent slopes	highly erodible	
EgB	Edgemont gravelly loam, 3 to 8 percent slopes, very stony	highly erodible	
EgC	Edgemont gravelly loam, 8 to 15 percent slopes, very stony	highly erodible	
EgD	Edgemont gravelly loam, 15 to 25 percent slopes, very stony	highly erodible	
ErB	Edgemont-Rock Outcrop complex, 3 to 8 percent slopes	highly erodible	
ErC	Edgemont-Rock outcrop complex, 8 to 15 percent slopes	highly erodible	
ErD	Edgemont-Rock outcrop complex, 15 to 25 percent slopes	highly erodible	
ErE	Edgemont-Rock Outcrop complex, 25 to 45 percent slopes	highly erodible	
FoB	Foxville cobbly silt loam, 0 to 8 percent slopes, rubbly	potentially highly erodible	
FxA	Foxville and Hatboro soils, 0 to 3 percent slopes	not highly erodible	
GaB	Gaila silt loam, 3 to 8 percent slopes	highly erodible	
GaC	Gaila silt loam, 8 to 15 percent slopes	highly erodible	
GeB	Glenelg loam, 3 to 8 percent slopes	highly erodible	
GfB	Glenelg silt loam, 3 to 8 percent slopes	highly erodible	
GgB	Glenelg gravelly loam, 3 to 8 percent slopes	highly erodible	
GgC	Glenelg gravelly loam, 8 to 15 percent slopes	highly erodible	
GhB	Glenelg-Blocktown gravelly loams, 3 to 8 percent slopes	potentially highly erodible	
GhC	Glenelg-Blocktown gravelly loams, 8 to 15 percent slopes	highly erodible	

HIGHLY ERODIBLE LAND CLASSIFICATION REPORT--Continued
 Frederick County, Maryland: Detailed Soil Map Legend

Map Symbol	Soil Mapunit Name	HEL Classification	
		R=	C=
GmB	Glenelg-Mt. Airy channery loams, 3 to 8 percent slopes		highly erodible
GnB	Glenelg-Mt. Airy-Urban land complex, 0 to 8 percent slopes		not highly erodible
GoB	Glenville silt loam, 3 to 8 percent slopes		highly erodible
GoC	Glenville silt loam, 8 to 15 percent slopes		highly erodible
GuB	Glenville-Baile silt loams, 3 to 8 percent slopes		highly erodible
GvA	Glenville-Codorus complex, 0 to 3 percent slopes		not highly erodible
GvB	Glenville-Codorus complex, 3 to 8 percent slopes		not highly erodible
HaA	Hagerstown loam, 0 to 3 percent slopes		not highly erodible
HaB	Hagerstown loam, 3 to 8 percent slopes		highly erodible
HaC	Hagerstown loam, 8 to 15 percent slopes		highly erodible
HbB	Hagerstown silt loam, 3 to 8 percent slopes		highly erodible
HcB	Hagerstown-Opequon silty clay loams, 3 to 8 percent slopes, rocky		highly erodible
HdA	Hatboro-Codorus silt loams, 0 to 3 percent slopes		not highly erodible
HgB	Highfield gravelly silt loam, 3 to 8 percent slopes		highly erodible
HgC	Highfield gravelly silt loam, 8 to 15 percent slopes		highly erodible
HgD	Highfield gravelly silt loam, 15 to 25 percent slopes		highly erodible
HhB	Highfield gravelly silt loam, 3 to 8 percent slopes, very stony		highly erodible
HhC	Highfield gravelly silt loam, 8 to 15 percent slopes, very stony		highly erodible
HhD	Highfield gravelly silt loam, 15 to 25 percent slopes, very stony		highly erodible
HtF	Hyattstown very channery loam, 25 to 65 percent slopes, rocky		highly erodible
HyD	Hyattstown-Linganore channery silt loams, 15 to 25 percent slopes		highly erodible
KeB	Klinesville very channery loam, 3 to 8 percent slopes		highly erodible
KeC	Klinesville very channery loam, 8 to 15 percent slopes		highly erodible
KeD	Klinesville very channery loam, 15 to 25 percent slopes		highly erodible
KnB	Klinesville channery silt loam, 3 to 8 percent slopes		potentially highly erodible
KnC	Klinesville channery silt loam, 8 to 15 percent slopes		highly erodible
KrF	Klinesville-Rock Outcrop complex, 25 to 65 percent slopes		highly erodible
LaB	Lantz-Rohrersville silt loams, 0 to 8 percent slopes, extremely stony		highly erodible
LeB	Leetonia very gravelly sandy loam, 0 to 8 percent slopes, very stony		highly erodible
LgB	Legore gravelly silt loam, 3 to 8 percent slopes		highly erodible
LnB	Legore-Montalto gravelly silt loams, 3 to 8 percent slopes, bouldery		highly erodible
LnD	Legore-Montalto gravelly silt loams, 15 to 25 percent slopes, bouldery		highly erodible
LqB	Lehigh channery loam, 3 to 8 percent slopes		highly erodible
LsA	Lindside silt loam, 0 to 3 percent slopes		not highly erodible
LyB	Linganore-Hyattstown channery silt loams, 3 to 8 percent slopes		highly erodible
LyC	Linganore-Hyattstown channery silt loams, 8 to 15 percent slopes		highly erodible
MaA	Melvin-Lindside silt loams, 0 to 3 percent slopes		not highly erodible
MbA	Morven loam, 0 to 3 percent slopes		not highly erodible
MbB	Morven loam, 3 to 8 percent slopes		highly erodible

HIGHLY ERODIBLE LAND CLASSIFICATION REPORT--Continued
 Frederick County, Maryland: Detailed Soil Map Legend

Map Symbol	Soil Mapunit Name	HEL Classification	
		R=	C=
MeB	Mt. Airy channery loam, 3 to 8 percent slopes		highly erodible
MeC	Mt. Airy channery loam, 8 to 15 percent slopes		highly erodible
MeD	Mt. Airy channery loam, 15 to 25 percent slopes		highly erodible
MeF	Mt. Airy channery loam, 25 to 65 percent slopes		highly erodible
MmA	Mt. Zion gravelly silt loam, 0 to 3 percent slopes	not highly erodible	
MmB	Mt. Zion gravelly silt loam, 3 to 8 percent slopes		highly erodible
MmC	Mt. Zion gravelly silt loam, 8 to 15 percent slopes		highly erodible
MnA	Mt. Zion-Rohrersville complex, 0 to 3 percent slopes	not highly erodible	
MnB	Mt. Zion-Rohrersville complex, 3 to 8 percent slopes	not highly erodible	
MoB	Mt. Zion-Codorus complex, 0 to 8 percent slopes	potentially highly erodible	
MrB	Murrill gravelly loam, 3 to 8 percent slopes		highly erodible
MtB	Murrill-Dryrun-Urban land complex, 0 to 8 percent slopes	not highly erodible	
MuB	Myersville gravelly silt loam, 3 to 8 percent slopes		highly erodible
MuC	Myersville gravelly silt loam, 8 to 15 percent slopes		highly erodible
MvA	Myersville silt loam, 0 to 3 percent slopes	not highly erodible	
MvB	Myersville silt loam, 3 to 8 percent slopes		highly erodible
MvC	Myersville silt loam, 8 to 15 percent slopes		highly erodible
MxA	Myersville-Burkittsville complex, 0 to 3 percent slopes	not highly erodible	
MxB	Myersville-Burkittsville complex, 3 to 8 percent slopes		highly erodible
MyB	Myersville-Catoctin-Urban land complex, 3 to 8 percent slopes	not highly erodible	
MyC	Myersville-Catoctin-Urban land complex, 8 to 15 percent slopes		highly erodible
NoA	Norton gravelly silt loam, 0 to 3 percent slopes	not highly erodible	
NoB	Norton gravelly silt loam, 3 to 8 percent slopes		highly erodible
NoC	Norton gravelly silt loam, 8 to 15 percent slopes		highly erodible
OcB	Occoquan loam, 3 to 8 percent slopes		highly erodible
OcC	Occoquan loam, 8 to 15 percent slopes		highly erodible
PaB	Penn loam, 3 to 8 percent slopes		highly erodible
PeB	Penn channery loam, 3 to 8 percent slopes		highly erodible
PeC	Penn channery loam, 8 to 15 percent slopes		highly erodible
PnB	Penn silt loam, 3 to 8 percent slopes		highly erodible
PnC	Penn silt loam, 8 to 15 percent slopes		highly erodible
PqB	Penn-Reaville-Urban land complex, 0 to 8 percent slopes	not highly erodible	
PrA	Penn-Reaville silt loam, 0 to 3 percent slopes	not highly erodible	
PrB	Penn-Reaville silt loams, 3 to 8 percent slopes		highly erodible
Ql	Quarry Limestone	not highly erodible	
Qm	Quarry Marble	not highly erodible	
Qp	Quarry Phyllite	not highly erodible	
RaD	Ravenrock gravelly loam, 15 to 25 percent slopes, extremely stony		highly erodible
ReB	Ravenrock-Highfield-Rock outcrop complex, 0 to 8 percent slopes		highly erodible
ReC	Ravenrock-Highfield-Rock outcrop complex, 8 to 15 percent slopes		highly erodible
ReD	Ravenrock-Highfield-Rock outcrop complex, 15 to 25 percent slopes		highly erodible
ReF	Ravenrock-Highfield-Rock outcrop complex, 25 to 65 percent slopes		highly erodible
RfC	Ravenrock-Rohrersville complex, 3 to 15 percent slopes, extremely stony		highly erodible
RgA	Readington silt loam, 0 to 3 percent slopes	not highly erodible	
RgB	Readington silt loam, 3 to 8 percent slopes		highly erodible
RmA	Reaville silt loam, 0 to 3 percent slopes	not highly erodible	

HIGHLY ERODIBLE LAND CLASSIFICATION REPORT--Continued
 Frederick County, Maryland: Detailed Soil Map Legend

Map Symbol	Soil Mapunit Name	HEL Classification	
		R=	C=
RoB	Rohrersville-Lantz silt loams, 0 to 8 percent slopes	highly erodible	
RwA	Rowland silt loam, 0 to 3 percent slopes	not highly erodible	
ScC	Spoolsville-Burkittsville complex, 8 to 15 percent slopes	highly erodible	
ScD	Spoolsville-Burkittsville complex, 15 to 25 percent slopes	highly erodible	
SdC	Spoolsville-Catoctin complex, 8 to 15 percent slopes	highly erodible	
SeA	Spoolsville silt loam, 0 to 3 percent slopes	not highly erodible	
SeB	Spoolsville silt loam, 3 to 8 percent slopes	highly erodible	
SpA	Springwood gravelly loam, 0 to 3 percent slopes	not highly erodible	
SpB	Springwood gravelly loam, 3 to 8 percent slopes	potentially highly erodible	
SpC	Springwood gravelly loam, 8 to 15 percent slopes	highly erodible	
SqB	Springwood-Rock outcrop complex, 3 to 8 percent slopes	potentially highly erodible	
SrB	Springwood-Morven-Urban land complex, 3 to 8 percent slopes	not highly erodible	
StB	Stumptown-Rock outcrop complex, 0 to 8 percent slopes	potentially highly erodible	
StC	Stumptown-Rock outcrop complex, 8 to 15 percent slopes	highly erodible	
StD	Stumptown-Rock outcrop complex, 15 to 25 percent slopes	highly erodible	
SuD	Stumptown-Bagtown-Rock outcrop complex, 15 to 25 percent slopes	highly erodible	
SuF	Stumptown-Bagtown-Rock outcrop complex, 25 to 65 percent slopes	highly erodible	
TaB	Thurmont gravelly loam, 3 to 8 percent slopes	potentially highly erodible	
TaC	Thurmont gravelly loam, 8 to 15 percent slopes	highly erodible	
ThB	Thurmont gravelly loam, 3 to 8 percent slopes, very stony	potentially highly erodible	
ToA	Trego gravelly loam, 0 to 3 percent slopes	not highly erodible	
ToB	Trego gravelly loam, 3 to 8 percent slopes	potentially highly erodible	
TqB	Trego gravelly loam, 3 to 8 percent slopes, very stony	potentially highly erodible	
TrB	Trego cobbly loam, 3 to 8 percent slopes	potentially highly erodible	
TxB	Trego-Foxville complex, 0 to 8 percent slopes	potentially highly erodible	
UdB	Udorthents, smooth, 0 to 8 percent slopes	potentially highly erodible	
UdC	Udorthents, smooth, 8 to 15 percent slopes	highly erodible	
UrA	Urban land, 0 to 3 percent slopes	not highly erodible	
UrC	Urban land, 3 to 15 percent slopes	highly erodible	
W	Water	not highly erodible	
WaA	Walkersville gravelly loam, 0 to 3 percent slopes	not highly erodible	
WaB	Walkersville gravelly loam, 3 to 8 percent slopes	highly erodible	
WaC	Walkersville gravelly loam, 8 to 15 percent slopes	highly erodible	
WcB	Watchung silt loam, 0 to 8 percent slopes	potentially highly erodible	
WeC	Weverton-Hazel complex, 8 to 15 percent slopes, very stony	highly erodible	
WeD	Weverton-Hazel complex, 15 to 25 percent slopes, very stony	highly erodible	
WeE	Weverton-Hazel complex, 25 to 45 percent slopes, very stony	highly erodible	
WhB	Wheeling gravelly loam, 0 to 8 percent slopes	highly erodible	

HIGHLY ERODIBLE LAND CLASSIFICATION REPORT--Continued
 Frederick County, Maryland: Detailed Soil Map Legend

Map Symbol	Soil Mapunit Name	HEL Classification R= C=
WrB	Whiteford-Cardiff channery loams, 3 to 8 percent slopes	highly erodible
WrC	Whiteford-Cardiff channery loams, 8 to 15 percent slopes	highly erodible
WtB	Wiltshire-Funkstown complex, 0 to 8 percent slopes	highly erodible

