

Report: Index Surface Runoff Classes  
USDA-NRCS Soil Survey Database

Chester and Delaware Counties, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
AgA	ALDINO SILT LOAM, 0 TO 3 PERCENT SLOPES	ALDINO	somewhat poorly	Low
AgB2	ALDINO SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	ALDINO	somewhat poorly	Medium
AsB2	ALDINO VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES, MODERATELY ERODED	ALDINO	somewhat poorly	Low
BdA	BEDFORD SILT LOAM, 0 TO 3 PERCENT SLOPES	BEDFORD	moderately well	Low
BdB	BEDFORD SILT LOAM, 3 TO 8 PERCENT SLOPES	BEDFORD	moderately well	Medium
BdB2	BEDFORD SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BEDFORD	moderately well	Medium
BeA	BELTSVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES	BELTSVILLE	moderately well	Low
BeB2	BELTSVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BELTSVILLE	moderately well	Medium
Bo	BOWMANVILLE SILT LOAM	BOWMANVILLE	somewhat poorly	Very high
BrB2	BRANDYWINE LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BRANDYWINE	somewhat excessively	Low
BrC	BRANDYWINE LOAM, 8 TO 15 PERCENT SLOPES	BRANDYWINE	somewhat excessively	Low
BrC2	BRANDYWINE LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	BRANDYWINE	somewhat excessively	Low
BrC3	BRANDYWINE LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	BRANDYWINE	somewhat excessively	Low
BrD	BRANDYWINE LOAM, 15 TO 25 PERCENT SLOPES	BRANDYWINE	somewhat excessively	Medium
BrD2	BRANDYWINE LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	BRANDYWINE	somewhat excessively	Medium
BrD3	BRANDYWINE LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	BRANDYWINE	somewhat excessively	Medium
BrE	BRANDYWINE LOAM, 25 TO 40 PERCENT SLOPES	BRANDYWINE	somewhat excessively	Medium
BsB	BRANDYWINE VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	BRANDYWINE	well	Low
BsD	BRANDYWINE VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	BRANDYWINE	well	Medium
BsF	BRANDYWINE VERY STONY LOAM, 25 TO 50 PERCENT SLOPES	BRANDYWINE	well	High
BtB2	BRECKNOCK CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BRECKNOCK	well	Medium

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BtC2	BRECKNOCK CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	BRECKNOCK	well	Medium
BtC3	BRECKNOCK CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	BRECKNOCK	well	Medium
BtD2	BRECKNOCK CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	BRECKNOCK	well	High
BtD3	BRECKNOCK CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	BRECKNOCK	well	High
BtE3	BRECKNOCK CHANNERY SILT LOAM, 25 TO 35 PERCENT SLOPES, SEVERELY ERODED	BRECKNOCK	well	High
BvB	BRECKNOCK VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	BRECKNOCK	well	Low
BvD	BRECKNOCK VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	BRECKNOCK	well	Medium
BvF	BRECKNOCK VERY STONY SILT LOAM, 25 TO 50 PERCENT SLOPES	BRECKNOCK	well	High
BxB2	BUCKS SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BUCKS	well	Medium
ByA	BUTLERTOWN SILT LOAM, 0 TO 3 PERCENT SLOPES	BUTLERTOWN	well	Medium
ByB2	BUTLERTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BUTLERTOWN	well	High
CaA	CALVERT SILT LOAM, 0 TO 3 PERCENT SLOPES	CALVERT	poorly	Very high
CaB	CALVERT SILT LOAM, 3 TO 8 PERCENT SLOPES	CALVERT	poorly	Very high
CaB2	CALVERT SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	CALVERT	poorly	Very high
CdA	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPES	CHESTER	well	Low
CdA2	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPES, MODERATELY ERODED	CHESTER	well	Low
CdB	CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES	CHESTER	well	Medium
CdB2	CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	CHESTER	well	Medium
CdB3	CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, SEVERELY ERODED	CHESTER	well	Medium
CdC	CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES	CHESTER	well	Medium
CdC2	CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	CHESTER	well	Medium

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CdC3	CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	CHESTER	well	Medium
CgB	CHESTER VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	CHESTER	well	Low
CgC	CHESTER VERY STONY SILT LOAM, 8 TO 15 PERCENT SLOPES	CHESTER	well	Medium
Ch	CHEWACLA SILT LOAM	CHEWACLA	moderately well	Very high
CkB2	CHROME GRAVELLY SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	CHROME	well	Medium
CkC2	CHROME GRAVELLY SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	CHROME	well	Medium
CkC3	CHROME GRAVELLY SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	CHROME	well	Medium
CkD2	CHROME GRAVELLY SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	CHROME	well	High
CkD3	CHROME GRAVELLY SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	CHROME	well	High
CkE2	CHROME GRAVELLY SILTY CLAY LOAM, 25 TO 40 PERCENT SLOPES, MODERATELY ERODED	CHROME	well	High
CmA	CONESTOGA SILT LOAM, 0 TO 3 PERCENT SLOPES	CONESTOGA	well	Low
CmA2	CONESTOGA SILT LOAM, 0 TO 3 PERCENT SLOPES, MODERATELY ERODED	CONESTOGA	well	Low
CmB2	CONESTOGA SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	CONESTOGA	well	Medium
CmC2	CONESTOGA SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	CONESTOGA	well	Medium
CmC3	CONESTOGA SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	CONESTOGA	well	Medium
Cn	CONGAREE SILT LOAM	CONGAREE	well	Low
CoA	CONOWINGO SILT LOAM, 0 TO 3 PERCENT SLOPES	CONOWINGO	moderately well	High
CoB2	CONOWINGO SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	CONOWINGO	moderately well	Very high
CrA	CROTON SILT LOAM, 0 TO 3 PERCENT SLOPES	CROTON	poorly	Very high
CrB	CROTON SILT LOAM, 3 TO 8 PERCENT SLOPES	CROTON	poorly	Very high
EcB	EDGEMONT CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	EDGEMONT	well	Low

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EcB2	EDGEMONT CHANNERY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	EDGEMONT	well	Low
EcC	EDGEMONT CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	EDGEMONT	well	Low
EcC2	EDGEMONT CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	EDGEMONT	well	Low
EcC3	EDGEMONT CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	EDGEMONT	well	Low
EcD	EDGEMONT CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	EDGEMONT	well	Medium
EcD2	EDGEMONT CHANNERY LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	EDGEMONT	well	Medium
EcD3	EDGEMONT CHANNERY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	EDGEMONT	well	Medium
EcE	EDGEMONT CHANNERY LOAM, 25 TO 35 PERCENT SLOPES	EDGEMONT	well	Medium
EcE2	EDGEMONT CHANNERY LOAM, 25 TO 35 PERCENT SLOPES, MODERATELY ERODED	EDGEMONT	well	Medium
EdB	EDGEMONT VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	EDGEMONT	well	Very low
EdD	EDGEMONT VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	EDGEMONT	well	Low
EdF	EDGEMONT VERY STONY LOAM, 25 TO 60 PERCENT SLOPES	EDGEMONT	well	Medium
GeA	GLENELG CHANNERY SILT LOAM, 0 TO 3 PERCENT SLOPES	GLENELG	well	Low
GeA2	GLENELG CHANNERY SILT LOAM, 0 TO 3 PERCENT SLOPES, MODERATELY ERODED	GLENELG	well	Low
GeB	GLENELG CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	GLENELG	well	Medium
GeB2	GLENELG CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	GLENELG	well	Medium
GeB3	GLENELG CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, SEVERELY ERODED	GLENELG	well	Medium
GeC	GLENELG CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	GLENELG	well	Medium
GeC2	GLENELG CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	GLENELG	well	Medium
GeC3	GLENELG CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	GLENELG	well	Medium

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GeD	GLENELG CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	GLENELG	well	High
GeD2	GLENELG CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	GLENELG	well	High
GeD3	GLENELG CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	GLENELG	well	High
GeE	GLENELG CHANNERY SILT LOAM, 25 TO 35 PERCENT SLOPES	GLENELG	well	High
GeE3	GLENELG CHANNERY SILT LOAM, 25 TO 35 PERCENT SLOPES, SEVERELY ERODED	GLENELG	well	High
GgA3	GLENELG SILT LOAM, 0 TO 3 PERCENT SLOPES, SEVERELY ERODED	GLENELG	well	Low
GgB3	GLENELG SILT LOAM, 3 TO 8 PERCENT SLOPES, SEVERELY ERODED	GLENELG	well	Medium
GmD	GLENELG VERY STONY SILT LOAM, 15 TO 25 PERCENT SLOPES	GLENELG	well	High
GmE	GLENELG VERY STONY SILT LOAM, 25 TO 35 PERCENT SLOPES	GLENELG	well	High
GnA	GLENVILLE SILT LOAM 0 TO 3 PERCENT SLOPES	GLENVILLE	somewhat poorly	Medium
GnB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	GLENVILLE	somewhat poorly	High
GnB2	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	GLENVILLE	somewhat poorly	High
GnC2	GLENVILLE SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	GLENVILLE	somewhat poorly	High
Gp	GRAVEL PITS	GRAVEL PITS	well	---
GsB	GLENVILLE VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	GLENVILLE	somewhat poorly	Medium
Gu	GUTHRIE SILT LOAM	THORNDALE	poorly	Very high
HaA2	HAGERSTOWN SILT LOAM, 0 TO 3 PERCENT SLOPES, MODERATELY ERODED	HAGERSTOWN	well	Low
HaB2	HAGERSTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	HAGERSTOWN	well	Medium
HaC2	HAGERSTOWN SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	HAGERSTOWN	well	Medium
HaC3	HAGERSTOWN SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	HAGERSTOWN	well	Medium

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HoB2	HOLLINGER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	HOLLINGER	well	Medium
HoC2	HOLLINGER SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	HOLLINGER	well	Medium
HoC3	HOLLINGER SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	HOLLINGER	well	Medium
HoD3	HOLLINGER SILT LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	HOLLINGER	well	High
HoE3	HOLLINGER SILT LOAM, 25 TO 35 PERCENT SLOPES, SEVERELY ERODED	HOLLINGER	well	High
LaA	LAWRENCE SILT LOAM, 0 TO 3 PERCENT SLOPES	PENLAW	somewhat poorly	Very high
LaB	LAWRENCE SILT LOAM, 3 TO 8 PERCENT SLOPES	PENLAW	somewhat poorly	Very high
LeB	LEHIGH SILT LOAM, 3 TO 8 PERCENT SLOPES	LEHIGH	moderately well	Very high
LeB2	LEHIGH SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	LEHIGH	moderately well	Very high
LeC3	LEHIGH SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	LEHIGH	moderately well	Very high
LhB	LEHIGH VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	LEHIGH	moderately well	High
LhD	LEHIGH VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	LEHIGH	moderately well	Very high
Ls	LINDSIDE SILT LOAM	LINDSIDE	moderately well	Low
Ma	MADE LAND, GRAVELLY MATERIALS	MADE LAND	well	---
Mc	MADE LAND, SILT AND CLAY MATERIALS	MADE LAND	well	---
Md	MADE LAND, GABBRO AND DIABASE MATERIALS	MADE LAND	well	---
Me	MADE LAND, SCHIST AND GNEISS MATERIALS	WHEATON	well	Medium
Mf	MADE LAND, SANITARY LAND FILL	MADE LAND	well	---
MgA2	MANOR LOAM, 0 TO 3 PERCENT SLOPES, MODERATELY ERODED	MANOR	well	Low
MgB2	MANOR LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	MANOR	well	Medium
MgB3	MANOR LOAM, 3 TO 8 PERCENT SLOPES, SEVERELY ERODED	MANOR	well	Medium
MgC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	MANOR	well	Medium

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MgC2	MANOR LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	MANOR	well	Medium
MgC3	MANOR LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	MANOR	well	Medium
MgD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	MANOR	well	High
MgD2	MANOR LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	MANOR	well	High
MgD3	MANOR LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	MANOR	well	High
MhE	MANOR LOAM AND CHANNERY LOAM, 25 TO 35 PERCENT SLOPES	MANOR	well	High
MhE3	MANOR LOAM AND CHANNERY LOAM, 25 TO 35 PERCENT SLOPES, SEVERELY ERODED	MANOR	well	High
MkF	MANOR SOILS, 35 TO 60 PERCENT SLOPES	MANOR	well	High
MmB	MANOR VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	MANOR	well	Low
MmD	MANOR VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	MANOR	well	Medium
MmF	MANOR VERY STONY LOAM, 25 TO 60 PERCENT SLOPES	MANOR	well	High
Mn	MELVIN SILT LOAM	MELVIN	poorly	Very high
MoB2	MONTALTO CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	MONTALTO	well	High
MoC2	MONTALTO CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	MONTALTO	well	High
MoC3	MONTALTO CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	MONTALTO	well	High
MoD3	MONTALTO CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	MONTALTO	well	Very high
MrB	MONTALTO VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	MONTALTO	well	Very low
MrD	MONTALTO VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	MONTALTO	well	Low
MrF	MONTALTO VERY STONY SILT LOAM, 25 TO 45 PERCENT SLOPES	MONTALTO	well	Medium
MsB	MOUNT LUCAS VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	MOUNT LUCAS	somewhat poorly	Medium
NaA	NESHAMINY GRAVELLY SILT LOAM, 0 TO 3 PERCENT SLOPES	NESHAMINY	well	Medium

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NaB2	NESHAMINY GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	NESHAMINY	well	High
NaC2	NESHAMINY GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	NESHAMINY	well	High
NaC3	NESHAMINY GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	NESHAMINY	well	High
NaD	NESHAMINY GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	NESHAMINY	well	Very high
NaD3	NESHAMINY GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	NESHAMINY	well	Very high
NsB	NESHAMINY VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	NESHAMINY	well	Medium
NsD	NESHAMINY VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	NESHAMINY	well	High
NsF	NESHAMINY VERY STONY SILT LOAM, 25 TO 45 PERCENT SLOPES	NESHAMINY	well	Very high
OtA	OTHELLO SILT LOAM	OTHELLO	poorly	Very high
PeB3	PENN SHALY SILT LOAM, VERY SHALLOW, 3 TO 8 PERCENT SLOPES, SEVERELY ERODED	PENN	somewhat excessively	Medium
PeC3	PENN SHALY SILT LOAM, VERY SHALLOW, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	PENN	somewhat excessively	Medium
PeD3	PENN SHALY SILT LOAM, VERY SHALLOW, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	PENN	somewhat excessively	High
PmB2	PENN SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	PENN	well	Low
PmB2	PENN SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BUCKS	well	Medium
PmC2	PENN SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	PENN	well	Low
PmC2	PENN SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	BUCKS	well	Medium
PmC3	PENN SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	PENN	well	Low
PmC3	PENN SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	BUCKS	well	Medium
PmD	PENN SILT LOAM, 15 TO 25 PERCENT SLOPES	PENN	well	Medium
PmD	PENN SILT LOAM, 15 TO 25 PERCENT SLOPES	BUCKS	well	Medium
PmD2	PENN SILT LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	PENN	well	Medium

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PmD2	PENN SILT LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	BUCKS	well	Medium
PnB	PENN VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	PENN	well	Very low
PnD	PENN VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	PENN	well	Low
PnF	PENN VERY STONY SILT LOAM, 25 TO 50 PERCENT SLOPES	PENN	well	Medium
PsE2	PENN SOILS, 25 TO 35 PERCENT SLOPES, MODERATELY ERODED	PENN	somewhat excessively	High
PsE3	PENN SOILS, 25 TO 35 PERCENT SLOPES, SEVERELY ERODED	PENN	somewhat excessively	High
PsF	PENN SOILS, 35 TO 50 PERCENT SLOPES	PENN	somewhat excessively	High
PtB2	PENN AND LANSDALE SANDY LOAMS, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	LANSDALE	well	Medium
PtB2	PENN AND LANSDALE SANDY LOAMS, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	PENN	well	Low
PtC2	PENN AND LANSDALE SANDY LOAMS, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	LANSDALE	well	Medium
PtC2	PENN AND LANSDALE SANDY LOAMS, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	PENN	well	Low
PtC3	PENN AND LANSDALE SANDY LOAMS, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	PENN	well	Low
PtC3	PENN AND LANSDALE SANDY LOAMS, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	LANSDALE	well	Medium
PtD2	PENN AND LANSDALE SANDY LOAMS, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	LANSDALE	well	High
PtD2	PENN AND LANSDALE SANDY LOAMS, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	PENN	well	Medium
Qu	QUARRIES	QUARRIES	well	---
RdA	READINGTON SILT LOAM, 0 TO 3 PERCENT SLOPES	READINGTON	moderately well	Low
RdB	READINGTON SILT LOAM, 3 TO 8 PERCENT SLOPES	READINGTON	moderately well	Medium
RdB2	READINGTON SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	READINGTON	moderately well	Medium
Ro	ROWLAND SILT LOAM	ROWLAND	moderately well	Low
Rp	ROWLAND SILT LOAM, DARK SURFACE	ROWLAND	moderately well	Low

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SaA	SASSAFRAS LOAM, 0 TO 3 PERCENT SLOPES	SASSAFRAS	well	Low
SaB2	SASSAFRAS LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	SASSAFRAS	well	Medium
Tm	TIDAL MARSH	CHICONE	very poorly	Low
WaA	WATCHUNG SILT LOAM, 0 TO 3 PERCENT SLOPES	WATCHUNG	poorly	Very high
WaB2	WATCHUNG SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	WATCHUNG	poorly	Very high
WcB	WATCHUNG VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	WATCHUNG	poorly	Very high
We	WEHADKEE SILT LOAM	WEHADKEE	poorly	Very high
WnA	WOODSTOWN LOAM, 0 TO 3 PERCENT SLOPES	WOODSTOWN	moderately well	Low
WoA	WORSHAM SILT LOAM, 0 TO 3 PERCENT SLOPES	WORSHAM	poorly	Very high
WoB	WORSHAM SILT LOAM, 3 TO 8 PERCENT SLOPES	WORSHAM	poorly	Very high
WoB2	WORSHAM SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	WORSHAM	poorly	Very high
WoC2	WORSHAM SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	WORSHAM	somewhat poorly	Medium
WsB	WORSHAM VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	WORSHAM	poorly	Very high

(1) A null value in Ksat makes the calculated runoff class uncertain. Null values are most commonly in bedrock layers or hardpans that should be assigned impermeable or very slow Ksat values. Calculation Based on National Soils Handbook, Part 618-50; and Soil Survey Manual, p113-114