

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

Jefferson County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
Aw	ATKINS SILT LOAM	ATKINS	poorly	Very high
Aw	ATKINS SILT LOAM	BETTER DRAINED AREAS		---
BrA	BRINKERTON SILT LOAM, VERY WET, 0 TO 3 PERCENT SLOPES	BRINKERTON	poorly	High
BrB	BRINKERTON SILT LOAM, VERY WET, 3 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
BsA	BRINKERTON AND ARMAGH SILT LOAMS, 0 TO 3 PERCENT SLOPES	BRINKERTON	poorly	Very high
BsA	BRINKERTON AND ARMAGH SILT LOAMS, 0 TO 3 PERCENT SLOPES	ARMAGH	poorly	Very high
BsB	BRINKERTON AND ARMAGH SILT LOAMS, 3 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
BsB	BRINKERTON AND ARMAGH SILT LOAMS, 3 TO 8 PERCENT SLOPES	ARMAGH	poorly	Very high
BvB	BRINKERTON AND ARMAGH VERY STONY SILT LOAMS, 0 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
BvB	BRINKERTON AND ARMAGH VERY STONY SILT LOAMS, 0 TO 8 PERCENT SLOPES	ARMAGH	poorly	Very high
CaA	CAVODE SILT LOAM, 0 TO 3 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CaA	CAVODE SILT LOAM, 0 TO 3 PERCENT SLOPES	ARMAGH	poorly	Very high
CaB	CAVODE SILT LOAM, 3 TO 8 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CaB2	CAVODE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	CAVODE	somewhat poorly	Very high
CaC	CAVODE SILT LOAM, 8 TO 15 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CaC2	CAVODE SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	CAVODE	somewhat poorly	Very high
CaD2	CAVODE SILT LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	CAVODE	somewhat poorly	Very high
CcC3	CAVODE SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	CAVODE	somewhat poorly	Very high
CdB	CAVODE VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CdB	CAVODE VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	ARMAGH	poorly	Very high
CdD	CAVODE VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	CAVODE	somewhat poorly	Very high

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MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
CkA	COOKPORT CHANNERY LOAM, 0 TO 3 PERCENT SLOPES	COOKPORT	moderately well	Medium
CkA	COOKPORT CHANNERY LOAM, 0 TO 3 PERCENT SLOPES	NOLO	poorly	Very high
CkB	COOKPORT CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	COOKPORT	moderately well	High
CkB2	COOKPORT CHANNERY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	COOKPORT	moderately well	High
CkC	COOKPORT CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	COOKPORT	moderately well	High
CpA	COOKPORT LOAM, 0 TO 3 PERCENT SLOPES	COOKPORT	moderately well	Medium
CpA	COOKPORT LOAM, 0 TO 3 PERCENT SLOPES	NOLO	poorly	Very high
CpB	COOKPORT LOAM, 3 TO 8 PERCENT SLOPES	COOKPORT	moderately well	High
CpB2	COOKPORT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	COOKPORT	moderately well	High
CsB	COOKPORT VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	COOKPORT	moderately well	Medium
CsB	COOKPORT VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	NOLO	poorly	Very high
CsC	COOKPORT VERY STONY LOAM, 8 TO 15 PERCENT SLOPES	COOKPORT	moderately well	High
DcA	DEKALB CHANNERY LOAM, 0 TO 5 PERCENT SLOPES	DEKALB	well	Low (1)
DcB	DEKALB CHANNERY LOAM, 5 TO 12 PERCENT SLOPES	DEKALB	well	Very low
DcB2	DEKALB CHANNERY LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Very low
DcC	DEKALB CHANNERY LOAM, 12 TO 20 PERCENT SLOPES	DEKALB	well	Very low
DcC2	DEKALB CHANNERY LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Very low
DcD	DEKALB CHANNERY LOAM, 20 TO 35 PERCENT SLOPES	DEKALB	well	Low
DcD2	DEKALB CHANNERY LOAM, 20 TO 35 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Low
DcE	DEKALB CHANNERY LOAM, 35 TO 60 PERCENT SLOPES	DEKALB	well	Low
DhA	DEKALB LOAM, 0 TO 5 PERCENT SLOPES	DEKALB	well	Low (1)

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MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
DhB	DEKALB LOAM, 5 TO 12 PERCENT SLOPES	DEKALB	well	Very low
DhB2	DEKALB LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Very low
DhC	DEKALB LOAM, 12 TO 20 PERCENT SLOPES	DEKALB	well	Very low
DhC2	DEKALB LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Very low
DkB	DEKALB VERY STONY LOAM, 0 TO 12 PERCENT SLOPES	DEKALB	well	Very low
DkD	DEKALB VERY STONY LOAM, 12 TO 35 PERCENT SLOPES	DEKALB	well	Low
DkF	DEKALB VERY STONY LOAM, 35 TO 100 PERCENT SLOPES	DEKALB	well	Low
EnA	ERNEST SILT LOAM, 0 TO 3 PERCENT SLOPES	ERNEST	moderately well	Low
EnB	ERNEST SILT LOAM, 3 TO 8 PERCENT SLOPES	ERNEST	moderately well	Medium
EnB2	ERNEST SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	ERNEST	moderately well	Medium
EnC	ERNEST SILT LOAM, 8 TO 15 PERCENT SLOPES	ERNEST	moderately well	Medium
EnC2	ERNEST SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	ERNEST	moderately well	Medium
EnC3	ERNEST SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	ERNEST	moderately well	Medium
ErB	ERNEST VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	ERNEST	moderately well	Low
ErB	ERNEST VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
ErC	ERNEST VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	ERNEST	moderately well	Medium
GcA	GILPIN CHANNERY SILT LOAM, 0 TO 5 PERCENT SLOPES	GILPIN	well	Low
GcB	GILPIN CHANNERY SILT LOAM, 5 TO 12 PERCENT SLOPES	GILPIN	well	Medium
GcB2	GILPIN CHANNERY SILT LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
GcC	GILPIN CHANNERY SILT LOAM, 12 TO 20 PERCENT SLOPES	GILPIN	well	Medium
GcC2	GILPIN CHANNERY SILT LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium

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GcC3	GILPIN CHANNERY SILT LOAM, 12 TO 20 PERCENT SLOPES, SEVERELY ERODED	GILPIN	well	Medium
GcD	GILPIN CHANNERY SILT LOAM, 20 TO 35 PERCENT SLOPES	GILPIN	well	High
GcD2	GILPIN CHANNERY SILT LOAM, 20 TO 35 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	High
GgA	GILPIN SILT LOAM, 0 TO 5 PERCENT SLOPES	GILPIN	well	Low
GgB	GILPIN SILT LOAM, 5 TO 12 PERCENT SLOPES	GILPIN	well	Medium
GgB2	GILPIN SILT LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
GgC	GILPIN SILT LOAM, 12 TO 20 PERCENT SLOPES	GILPIN	well	Medium
GgC2	GILPIN SILT LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
GgD	GILPIN SILT LOAM, 20 TO 35 PERCENT SLOPES	GILPIN	well	High
GgD2	GILPIN SILT LOAM, 20 TO 35 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	High
G1B	GILPIN VERY STONY SILT LOAM, 0 TO 12 PERCENT SLOPES	GILPIN	well	Medium
G1D	GILPIN VERY STONY SILT LOAM, 12 TO 35 PERCENT SLOPES	GILPIN	well	High
G1F	GILPIN VERY STONY SILT LOAM, 35 TO 60 PERCENT SLOPES	GILPIN	well	High
GmD3	GILPIN AND WEIKERT SOILS, 20 TO 35 PERCENT SLOPES, SEVERELY ERODED	GILPIN	well	High
GmD3	GILPIN AND WEIKERT SOILS, 20 TO 35 PERCENT SLOPES, SEVERELY ERODED	WEIKERT (MONTEVALLO)	somewhat excessively	Medium
GmF	GILPIN AND WEIKERT SOILS, 35 TO 60 PERCENT SLOPES	WEIKERT (MONTEVALLO)	somewhat excessively	Medium
GmF	GILPIN AND WEIKERT SOILS, 35 TO 60 PERCENT SLOPES	GILPIN	well	High
GmF3	GILPIN AND WEIKERT SOILS, 35 TO 60 PERCENT SLOPES, SEVERELY ERODED	WEIKERT (MONTEVALLO)	somewhat excessively	Medium
GmF3	GILPIN AND WEIKERT SOILS, 35 TO 60 PERCENT SLOPES, SEVERELY ERODED	GILPIN	well	High
GpB2	GILPIN-UPSHUR SILTY CLAY LOAMS, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium

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GpB2	GILPIN-UPSHUR SILTY CLAY LOAMS, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	UPSHUR	well	Very high
GpC2	GILPIN-UPSHUR SILTY CLAY LOAMS, 8 TO 25 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
GpC2	GILPIN-UPSHUR SILTY CLAY LOAMS, 8 TO 25 PERCENT SLOPES, MODERATELY ERODED	UPSHUR	well	Very high
GsA	GUERNSEY SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	GUERNSEY	moderately well	Medium
GsB2	GUERNSEY SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	GUERNSEY	moderately well	High
GuB	GULLIED LAND, 3 TO 12 PERCENT SLOPES	GULLIED LAND	excessively	---
GuD	GULLIED LAND, 12 TO 35 PERCENT SLOPES	GULLIED LAND	excessively	---
HaA	CLYMER LOAM, 0 TO 5 PERCENT SLOPES	CLYMER (HARTSELLS)	well	Low
HaB	CLYMER LOAM, 5 TO 12 PERCENT SLOPES	CLYMER (HARTSELLS)	well	Medium
HaB2	CLYMER LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	CLYMER (HARTSELLS)	well	Medium
HaC2	CLYMER LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	CLYMER (HARTSELLS)	well	Medium
HoA	ALLEGHENY SILT LOAM, 0 TO 5 PERCENT SLOPES	ALLEGHENY (HOLSTON)	well	Low
HoB	ALLEGHENY SILT LOAM, 5 TO 12 PERCENT SLOPES	ALLEGHENY (HOLSTON)	well	Medium
HoC2	ALLEGHENY SILT LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	ALLEGHENY (HOLSTON)	well	Medium
LeB	LEETONIA VERY STONY SANDY LOAM, 0 TO 12 PERCENT SLOPES	LEETONIA	well	Low
LeD	LEETONIA VERY STONY SANDY LOAM, 12 TO 35 PERCENT SLOPES	LEETONIA	well	Medium
LeF	LEETONIA VERY STONY SANDY LOAM, 35 TO 80 PERCENT SLOPES	LEETONIA	well	Medium
Ma	MADE LAND	MADE LAND	somewhat excessively	---
Md	MINE DUMPS	MINE DUMPS	excessively	---
MoA	MONONGAHELA SILT LOAM, 0 TO 3 PERCENT SLOPES	MONONGAHELA	moderately well	Low
MoB	MONONGAHELA SILT LOAM, 3 TO 8 PERCENT SLOPES	MONONGAHELA	moderately well	Medium

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MsD2	WEIKERT SHALY SILT LOAM, 20 TO 35 PERCENT SLOPES, MODERATELY ERODED	WEIKERT (MONTEVALLO)	somewhat excessively	Medium
MvA	WEIKERT-GILPIN SHALY SILT LOAMS, 0 TO 5 PERCENT SLOPES	WEIKERT (MONTEVALLO)	somewhat excessively	Very low
MvA	WEIKERT-GILPIN SHALY SILT LOAMS, 0 TO 5 PERCENT SLOPES	GILPIN	well	Low
MvB2	WEIKERT-GILPIN SHALY SILT LOAMS, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	WEIKERT (MONTEVALLO)	somewhat excessively	Low
MvB2	WEIKERT-GILPIN SHALY SILT LOAMS, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
MvC2	WEIKERT-GILPIN SHALY SILT LOAMS, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	WEIKERT (MONTEVALLO)	somewhat excessively	Low
MvC2	WEIKERT-GILPIN SHALY SILT LOAMS, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
NoA	NOLO SILT LOAM, 0 TO 3 PERCENT SLOPES	NOLO	poorly	Very high
NoB	NOLO SILT LOAM, 3 TO 8 PERCENT SLOPES	NOLO	poorly	Very high
NsB	NOLO VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	NOLO	poorly	Very high
NsB	NOLO VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	COOKPORT	moderately well	High
Ph	PHILO SILT LOAM	PHILO	moderately well	Low
Pp	POPE FINE SANDY LOAM	POPE	well	Very low
Ps	POPE SILT LOAM	POPE	well	Low
Pu	PURDY SILT LOAM	PURDY	poorly	High
Q	QUARRY	QUARRY	excessively	---
ScA	CHAVIES SILT LOAM, 0 TO 5 PERCENT SLOPES	CHAVIES (SEQUATCHIE)	well	Very low
ShB2	SHELOCTA SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	SHELOCTA	well	Medium
Sm	STRIP MINES	STRIP MINES	somewhat excessively	---
Ty	TYLER SILT LOAM	TYLER	somewhat poorly	Very high
WnA	WELLSTON SILT LOAM, 0 TO 5 PERCENT SLOPES	WELLSTON	well	Low
WnB2	WELLSTON SILT LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	WELLSTON	well	Medium

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Aw	ATKINS SILT LOAM	ATKINS	poorly	Very high
Aw	ATKINS SILT LOAM	BETTER DRAINED AREAS		---
BrA	BRINKERTON SILT LOAM, VERY WET, 0 TO 3 PERCENT SLOPES	BRINKERTON	poorly	High
BrB	BRINKERTON SILT LOAM, VERY WET, 3 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
BsA	BRINKERTON AND ARMAGH SILT LOAMS, 0 TO 3 PERCENT SLOPES	BRINKERTON	poorly	Very high
BsA	BRINKERTON AND ARMAGH SILT LOAMS, 0 TO 3 PERCENT SLOPES	ARMAGH	poorly	Very high
BsB	BRINKERTON AND ARMAGH SILT LOAMS, 3 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
BsB	BRINKERTON AND ARMAGH SILT LOAMS, 3 TO 8 PERCENT SLOPES	ARMAGH	poorly	Very high
BvB	BRINKERTON AND ARMAGH VERY STONY SILT LOAMS, 0 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
BvB	BRINKERTON AND ARMAGH VERY STONY SILT LOAMS, 0 TO 8 PERCENT SLOPES	ARMAGH	poorly	Very high
CaA	CAVODE SILT LOAM, 0 TO 3 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CaA	CAVODE SILT LOAM, 0 TO 3 PERCENT SLOPES	ARMAGH	poorly	Very high
CaB	CAVODE SILT LOAM, 3 TO 8 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CaB2	CAVODE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	CAVODE	somewhat poorly	Very high
CaC	CAVODE SILT LOAM, 8 TO 15 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CaC2	CAVODE SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	CAVODE	somewhat poorly	Very high
CaD2	CAVODE SILT LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	CAVODE	somewhat poorly	Very high
CcC3	CAVODE SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	CAVODE	somewhat poorly	Very high
CdB	CAVODE VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CdB	CAVODE VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	ARMAGH	poorly	Very high
CdD	CAVODE VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	CAVODE	somewhat poorly	Very high

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MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
CkA	COOKPORT CHANNERY LOAM, 0 TO 3 PERCENT SLOPES	COOKPORT	moderately well	Medium
CkA	COOKPORT CHANNERY LOAM, 0 TO 3 PERCENT SLOPES	NOLO	poorly	Very high
CkB	COOKPORT CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	COOKPORT	moderately well	High
CkB2	COOKPORT CHANNERY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	COOKPORT	moderately well	High
CkC	COOKPORT CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	COOKPORT	moderately well	High
CpA	COOKPORT LOAM, 0 TO 3 PERCENT SLOPES	COOKPORT	moderately well	Medium
CpA	COOKPORT LOAM, 0 TO 3 PERCENT SLOPES	NOLO	poorly	Very high
CpB	COOKPORT LOAM, 3 TO 8 PERCENT SLOPES	COOKPORT	moderately well	High
CpB2	COOKPORT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	COOKPORT	moderately well	High
CsB	COOKPORT VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	COOKPORT	moderately well	Medium
CsB	COOKPORT VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	NOLO	poorly	Very high
CsC	COOKPORT VERY STONY LOAM, 8 TO 15 PERCENT SLOPES	COOKPORT	moderately well	High
DcA	DEKALB CHANNERY LOAM, 0 TO 5 PERCENT SLOPES	DEKALB	well	Low (1)
DcB	DEKALB CHANNERY LOAM, 5 TO 12 PERCENT SLOPES	DEKALB	well	Very low
DcB2	DEKALB CHANNERY LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Very low
DcC	DEKALB CHANNERY LOAM, 12 TO 20 PERCENT SLOPES	DEKALB	well	Very low
DcC2	DEKALB CHANNERY LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Very low
DcD	DEKALB CHANNERY LOAM, 20 TO 35 PERCENT SLOPES	DEKALB	well	Low
DcD2	DEKALB CHANNERY LOAM, 20 TO 35 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Low
DcE	DEKALB CHANNERY LOAM, 35 TO 60 PERCENT SLOPES	DEKALB	well	Low
DhA	DEKALB LOAM, 0 TO 5 PERCENT SLOPES	DEKALB	well	Low (1)

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MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
DhB	DEKALB LOAM, 5 TO 12 PERCENT SLOPES	DEKALB	well	Very low
DhB2	DEKALB LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Very low
DhC	DEKALB LOAM, 12 TO 20 PERCENT SLOPES	DEKALB	well	Very low
DhC2	DEKALB LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Very low
DkB	DEKALB VERY STONY LOAM, 0 TO 12 PERCENT SLOPES	DEKALB	well	Very low
DkD	DEKALB VERY STONY LOAM, 12 TO 35 PERCENT SLOPES	DEKALB	well	Low
DkF	DEKALB VERY STONY LOAM, 35 TO 100 PERCENT SLOPES	DEKALB	well	Low
EnA	ERNEST SILT LOAM, 0 TO 3 PERCENT SLOPES	ERNEST	moderately well	Low
EnB	ERNEST SILT LOAM, 3 TO 8 PERCENT SLOPES	ERNEST	moderately well	Medium
EnB2	ERNEST SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	ERNEST	moderately well	Medium
EnC	ERNEST SILT LOAM, 8 TO 15 PERCENT SLOPES	ERNEST	moderately well	Medium
EnC2	ERNEST SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	ERNEST	moderately well	Medium
EnC3	ERNEST SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	ERNEST	moderately well	Medium
ErB	ERNEST VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	ERNEST	moderately well	Low
ErB	ERNEST VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
ErC	ERNEST VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	ERNEST	moderately well	Medium
GcA	GILPIN CHANNERY SILT LOAM, 0 TO 5 PERCENT SLOPES	GILPIN	well	Low
GcB	GILPIN CHANNERY SILT LOAM, 5 TO 12 PERCENT SLOPES	GILPIN	well	Medium
GcB2	GILPIN CHANNERY SILT LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
GcC	GILPIN CHANNERY SILT LOAM, 12 TO 20 PERCENT SLOPES	GILPIN	well	Medium
GcC2	GILPIN CHANNERY SILT LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium

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GcC3	GILPIN CHANNERY SILT LOAM, 12 TO 20 PERCENT SLOPES, SEVERELY ERODED	GILPIN	well	Medium
GcD	GILPIN CHANNERY SILT LOAM, 20 TO 35 PERCENT SLOPES	GILPIN	well	High
GcD2	GILPIN CHANNERY SILT LOAM, 20 TO 35 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	High
GgA	GILPIN SILT LOAM, 0 TO 5 PERCENT SLOPES	GILPIN	well	Low
GgB	GILPIN SILT LOAM, 5 TO 12 PERCENT SLOPES	GILPIN	well	Medium
GgB2	GILPIN SILT LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
GgC	GILPIN SILT LOAM, 12 TO 20 PERCENT SLOPES	GILPIN	well	Medium
GgC2	GILPIN SILT LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
GgD	GILPIN SILT LOAM, 20 TO 35 PERCENT SLOPES	GILPIN	well	High
GgD2	GILPIN SILT LOAM, 20 TO 35 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	High
G1B	GILPIN VERY STONY SILT LOAM, 0 TO 12 PERCENT SLOPES	GILPIN	well	Medium
G1D	GILPIN VERY STONY SILT LOAM, 12 TO 35 PERCENT SLOPES	GILPIN	well	High
G1F	GILPIN VERY STONY SILT LOAM, 35 TO 60 PERCENT SLOPES	GILPIN	well	High
GmD3	GILPIN AND WEIKERT SOILS, 20 TO 35 PERCENT SLOPES, SEVERELY ERODED	GILPIN	well	High
GmD3	GILPIN AND WEIKERT SOILS, 20 TO 35 PERCENT SLOPES, SEVERELY ERODED	WEIKERT (MONTEVALLO)	somewhat excessively	Medium
GmF	GILPIN AND WEIKERT SOILS, 35 TO 60 PERCENT SLOPES	WEIKERT (MONTEVALLO)	somewhat excessively	Medium
GmF	GILPIN AND WEIKERT SOILS, 35 TO 60 PERCENT SLOPES	GILPIN	well	High
GmF3	GILPIN AND WEIKERT SOILS, 35 TO 60 PERCENT SLOPES, SEVERELY ERODED	WEIKERT (MONTEVALLO)	somewhat excessively	Medium
GmF3	GILPIN AND WEIKERT SOILS, 35 TO 60 PERCENT SLOPES, SEVERELY ERODED	GILPIN	well	High
GpB2	GILPIN-UPSHUR SILTY CLAY LOAMS, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium

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MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
GpB2	GILPIN-UPSHUR SILTY CLAY LOAMS, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	UPSHUR	well	Very high
GpC2	GILPIN-UPSHUR SILTY CLAY LOAMS, 8 TO 25 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
GpC2	GILPIN-UPSHUR SILTY CLAY LOAMS, 8 TO 25 PERCENT SLOPES, MODERATELY ERODED	UPSHUR	well	Very high
GsA	GUERNSEY SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	GUERNSEY	moderately well	Medium
GsB2	GUERNSEY SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	GUERNSEY	moderately well	High
GuB	GULLIED LAND, 3 TO 12 PERCENT SLOPES	GULLIED LAND	excessively	---
GuD	GULLIED LAND, 12 TO 35 PERCENT SLOPES	GULLIED LAND	excessively	---
HaA	CLYMER LOAM, 0 TO 5 PERCENT SLOPES	CLYMER (HARTSELLS)	well	Low
HaB	CLYMER LOAM, 5 TO 12 PERCENT SLOPES	CLYMER (HARTSELLS)	well	Medium
HaB2	CLYMER LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	CLYMER (HARTSELLS)	well	Medium
HaC2	CLYMER LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	CLYMER (HARTSELLS)	well	Medium
HoA	ALLEGHENY SILT LOAM, 0 TO 5 PERCENT SLOPES	ALLEGHENY (HOLSTON)	well	Low
HoB	ALLEGHENY SILT LOAM, 5 TO 12 PERCENT SLOPES	ALLEGHENY (HOLSTON)	well	Medium
HoC2	ALLEGHENY SILT LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	ALLEGHENY (HOLSTON)	well	Medium
LeB	LEETONIA VERY STONY SANDY LOAM, 0 TO 12 PERCENT SLOPES	LEETONIA	well	Low
LeD	LEETONIA VERY STONY SANDY LOAM, 12 TO 35 PERCENT SLOPES	LEETONIA	well	Medium
LeF	LEETONIA VERY STONY SANDY LOAM, 35 TO 80 PERCENT SLOPES	LEETONIA	well	Medium
Ma	MADE LAND	MADE LAND	somewhat excessively	---
Md	MINE DUMPS	MINE DUMPS	excessively	---
MoA	MONONGAHELA SILT LOAM, 0 TO 3 PERCENT SLOPES	MONONGAHELA	moderately well	Low
MoB	MONONGAHELA SILT LOAM, 3 TO 8 PERCENT SLOPES	MONONGAHELA	moderately well	Medium

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MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
MsD2	WEIKERT SHALY SILT LOAM, 20 TO 35 PERCENT SLOPES, MODERATELY ERODED	WEIKERT (MONTEVALLO)	somewhat excessively	Medium
MvA	WEIKERT-GILPIN SHALY SILT LOAMS, 0 TO 5 PERCENT SLOPES	WEIKERT (MONTEVALLO)	somewhat excessively	Very low
MvA	WEIKERT-GILPIN SHALY SILT LOAMS, 0 TO 5 PERCENT SLOPES	GILPIN	well	Low
MvB2	WEIKERT-GILPIN SHALY SILT LOAMS, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	WEIKERT (MONTEVALLO)	somewhat excessively	Low
MvB2	WEIKERT-GILPIN SHALY SILT LOAMS, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
MvC2	WEIKERT-GILPIN SHALY SILT LOAMS, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	WEIKERT (MONTEVALLO)	somewhat excessively	Low
MvC2	WEIKERT-GILPIN SHALY SILT LOAMS, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	GILPIN	well	Medium
NoA	NOLO SILT LOAM, 0 TO 3 PERCENT SLOPES	NOLO	poorly	Very high
NoB	NOLO SILT LOAM, 3 TO 8 PERCENT SLOPES	NOLO	poorly	Very high
NsB	NOLO VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	NOLO	poorly	Very high
NsB	NOLO VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	COOKPORT	moderately well	High
Ph	PHILO SILT LOAM	PHILO	moderately well	Low
Pp	POPE FINE SANDY LOAM	POPE	well	Very low
Ps	POPE SILT LOAM	POPE	well	Low
Pu	PURDY SILT LOAM	PURDY	poorly	High
Q	QUARRY	QUARRY	excessively	---
ScA	CHAVIES SILT LOAM, 0 TO 5 PERCENT SLOPES	CHAVIES (SEQUATCHIE)	well	Very low
ShB2	SHELOCTA SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	SHELOCTA	well	Medium
Sm	STRIP MINES	STRIP MINES	somewhat excessively	---
Ty	TYLER SILT LOAM	TYLER	somewhat poorly	Very high
WnA	WELLSTON SILT LOAM, 0 TO 5 PERCENT SLOPES	WELLSTON	well	Low
WnB2	WELLSTON SILT LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	WELLSTON	well	Medium

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MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
WnC2	WELLSTON SILT LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	WELLSTON	well	Medium
WsB2	WESTMORELAND SILT LOAM, 5 TO 12 PERCENT SLOPES, MODERATELY ERODED	WESTMORELAND	well	Medium
WsC2	WESTMORELAND SILT LOAM, 12 TO 20 PERCENT SLOPES, MODERATELY ERODED	WESTMORELAND	well	Medium
WsD2	WESTMORELAND SILT LOAM, 20 TO 35 PERCENT SLOPES, MODERATELY ERODED	WESTMORELAND	well	High
WtA	WHARTON SILT LOAM, 0 TO 3 PERCENT SLOPES	WHARTON	moderately well	Medium (1)
WtB	WHARTON SILT LOAM, 3 TO 8 PERCENT SLOPES	WHARTON	moderately well	High (1)
WtB2	WHARTON SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	WHARTON	moderately well	High (1)
WtC2	WHARTON SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	WHARTON	moderately well	High (1)
ZoA	ZOAR SILT LOAM, 0 TO 3 PERCENT SLOPES	ZOAR	moderately well	Medium

(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