

Report: Index Surface Runoff Classes

USDA-NRCS Soil Survey Database

Potter County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
Ba	BARBOUR FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	BARBOUR	well	Low
Bb	BARBOUR FINE SANDY LOAM, HIGH BOTTOM PHASE, 0 TO 3 PERCENT SLOPES	BARBOUR	well	Low
Bc	BARBOUR GRAVELLY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	BARBOUR	well	Low
Bd	BASHER SANDY LOAM, 0 TO 3 PERCENT SLOPES	BASHER	moderately well	Low
Be	BASHER SILT LOAM, 0 TO 3 PERCENT SLOPES	BASHER	moderately well	Low
Bf	BASHER SILT LOAM, HIGH BOTTOM PHASE, 0 TO 3 PERCENT SLOPES	BASHER	moderately well	Low
Bg	BATH CHANNERY SILT LOAM, 0 TO 12 PERCENT SLOPES	BATH	well	High
Bh	BATH CHANNERY SILT LOAM, 12 TO 20 PERCENT SLOPES	BATH	well	High
Bk	BATH CHANNERY SILT LOAM, 20 TO 30 PERCENT SLOPES	BATH	well	High
Bm	BATH CHANNERY SILT LOAM, 30 TO 40 PERCENT SLOPES	BATH	well	High
Bn	BRACEVILLE GRAVELLY SILT LOAM, 0 TO 5 PERCENT SLOPES	BRACEVILLE	moderately well	Low
Bo	BRINKERTON AND ARMAGH SILT LOAMS, 0 TO 15 PERCENT SLOPES	BRINKERTON	poorly	Very high
Bo	BRINKERTON AND ARMAGH SILT LOAMS, 0 TO 15 PERCENT SLOPES	ARMAGH	poorly	Very high
Bp	BRINKERTON AND ARMAGH SILT LOAMS, 15 TO 50 PERCENT SLOPES	ARMAGH	somewhat poorly	Very high
Bp	BRINKERTON AND ARMAGH SILT LOAMS, 15 TO 50 PERCENT SLOPES	BRINKERTON	poorly	Very high
C2a	CLYMER CHANNERY LOAM, 0 TO 12 PERCENT SLOPES	CLYMER	well	Medium
C2b	CLYMER CHANNERY LOAM, 12 TO 20 PERCENT SLOPES	CLYMER	well	Medium
C2c	CLYMER CHANNERY LOAM, 20 TO 30 PERCENT SLOPES	CLYMER	well	High
C2d	CLYMER STONY LOAM, 0 TO 20 PERCENT SLOPES	CLYMER	well	Medium
C2e	CLYMER STONY LOAM, 20 TO 30 PERCENT SLOPES	CLYMER	well	High

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C2f	COOKPORT CHANNERY LOAM, 0 TO 8 PERCENT SLOPES	COOKPORT	moderately well	Medium
C2g	COOKPORT CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	COOKPORT	moderately well	High
C2h	COOKPORT CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	COOKPORT	moderately well	High
C2k	COOKPORT STONY LOAM, 0 TO 15 PERCENT SLOPES	COOKPORT	moderately well	High
C2m	COOKPORT STONY LOAM, 15 TO 25 PERCENT SLOPES	COOKPORT	moderately well	High
C2n	COOKPORT STONY LOAM, 25 TO 50 PERCENT SLOPES	COOKPORT	moderately well	High
C2o	CULVERS CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES	CULVERS	moderately well	Medium
C2p	CULVERS CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	CULVERS	moderately well	High
C2r	CULVERS CHANNERY SILT LOAM 15 TO 25 PERCENT SLOPES	CULVERS	moderately well	High
C2s	CULVERS CHANNERY SILT LOAM, 25 TO 35 PERCENT SLOPES	CULVERS	moderately well	High
C2t	CULVERS STONY SILT LOAM, 0 TO 15 PERCENT SLOPES	CULVERS	moderately well	High
C2v	CULVERS STONY SILT LOAM, 15 TO 25 PERCENT SLOPES	CULVERS	moderately well	High
C2w	CULVERS AND WELLSBORO CHANNERY SILT LOAMS, 35 TO 50 PERCENT SLOPES	WELLSBORO	moderately well	High
C2w	CULVERS AND WELLSBORO CHANNERY SILT LOAMS, 35 TO 50 PERCENT SLOPES	CULVERS	moderately well	High
Ca	CATTARAUGUS CHANNERY LOAM, 0 TO 12 PERCENT SLOPES	CATTARAUGUS	well	High
Cb	CATTARAUGUS CHANNERY LOAM, 12 TO 20 PERCENT SLOPES	CATTARAUGUS	well	High
Cc	CATTARAUGUS CHANNERY LOAM, 20 TO 30 PERCENT SLOPES	CATTARAUGUS	well	High
Cd	CATTARAUGUS CHANNERY LOAM, 30 TO 40 PERCENT SLOPES	CATTARAUGUS	well	High
Ce	CATTARAUGUS STONY LOAM, 0 TO 20 PERCENT SLOPES	CATTARAUGUS	well	High
Cf	CATTARAUGUS STONY LOAM, 20 TO 30 PERCENT SLOPES	CATTARAUGUS	well	High

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Cg	CATTARAUGUS AND LACKAWANNA CHANNERY LOAMS, 40 TO 60 PERCENT SLOPES	CATTARAUGUS	well	High
Cg	CATTARAUGUS AND LACKAWANNA CHANNERY LOAMS, 40 TO 60 PERCENT SLOPES	LACKAWANNA	well	High
Ch	CATTARAUGUS AND LACKAWANNA STONY LOAMS, 30 TO 60 PERCENT SLOPES	LACKAWANNA	well	High
Ch	CATTARAUGUS AND LACKAWANNA STONY LOAMS, 30 TO 60 PERCENT SLOPES	CATTARAUGUS	well	High
Ck	CAVODE CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
Cm	CAVODE CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
Cn	CAVODE CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
Co	CAVODE SILT LOAM, 0 TO 8 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
Cp	CAVODE SILT LOAM, 8 TO 15 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
Cr	CAVODE SILT LOAM, 15 TO 25 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
Cs	CAVODE STONY SILT LOAM, 0 TO 15 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
Ct	CAVODE STONY SILT LOAM, 15 TO 50 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
Cu	CHENANGO GRAVELLY LOAM, 0 TO 12 PERCENT SLOPES	CHENANGO	somewhat excessively	Low
Cv	CHENANGO GRAVELLY LOAM, 12 TO 20 PERCENT SLOPES	CHENANGO	somewhat excessively	Low
Cw	CHENANGO GRAVELLY LOAM, 20 TO 50 PERCENT SLOPES	CHENANGO	somewhat excessively	Medium
Cx	CHIPPEWA SILT LOAM, 0 TO 8 PERCENT SLOPES	CHIPPEWA	poorly	High
Cy	CHIPPEWA STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	CHIPPEWA	poorly	High
Da	DEKALB CHANNERY LOAM, 10 TO 25 INCHES DEEP, 0 TO 12 PERCENT SLOPES	DEKALB	well	Very low
Db	DEKALB CHANNERY LOAM, 10 TO 25 INCHES DEEP, 12 TO 20 PERCENT SLOPES	DEKALB	well	Very low
Dc	DEKALB CHANNERY LOAM, 10 TO 25 INCHES DEEP, 20 TO 30 PERCENT SLOPES	DEKALB	well	Low

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Dd	DEKALB CHANNERY LOAM, 40 OR MORE INCHES DEEP, 0 TO 12 PERCENT SLOPES	DEKALB	well	Low
De	DEKALB CHANNERY LOAM, 40 OR MORE INCHES DEEP, 12 TO 20 PERCENT SLOPES	DEKALB	well	Low
Df	DEKALB CHANNERY LOAM, 40 OR MORE INCHES DEEP, 20 TO 30 PERCENT SLOPES	DEKALB	well	Medium
Dg	DEKALB CHANNERY LOAM, 40 OR MORE INCHES DEEP, 30 TO 40 PERCENT SLOPES	DEKALB	well	Medium
Dh	DEKALB FINE SANDY LOAM, 0 TO 12 PERCENT SLOPES	DEKALB	well	Very low
Dk	DEKALB FINE SANDY LOAM, 12 TO 20 PERCENT SLOPES	DEKALB	well	Very low
Dm	DEKALB FINE SANDY LOAM, 20 TO 30 PERCENT SLOPES	DEKALB	well	Low
Dn	DEKALB STONY LOAM, 10 TO 25 INCHES DEEP, 0 TO 20 PERCENT SLOPES	DEKALB	somewhat excessively	Very low
Do	DEKALB STONY LOAM, 10 TO 25 INCHES DEEP, 20 TO 30 PERCENT SLOPES	DEKALB	somewhat excessively	Low
Dp	DEKALB STONY LOAM, 40 OR MORE INCHES DEEP, 0 TO 20 PERCENT SLOPES	DEKALB	well	Low
Dr	DEKALB STONY LOAM, 40 OR MORE INCHES DEEP, 20 TO 30 PERCENT SLOPES	DEKALB	well	Medium
Ds	DILLDOWN SANDY LOAM, 0 TO 12 PERCENT SLOPES	DILLDOWN	well	Very low
Dt	DILLDOWN SANDY LOAM, 12 TO 30 PERCENT SLOPES	DILLDOWN	well	Low
Ga	GERMANIA SILT LOAM, 0 TO 12 PERCENT SLOPES	GERMANIA	well	Medium
Gb	GERMANIA SILT LOAM, 12 TO 20 PERCENT SLOPES	GERMANIA	well	Medium
Gc	GERMANIA SILT LOAM, 20 TO 30 PERCENT SLOPES	GERMANIA	well	High
Gd	GERMANIA SILT LOAM, 30 TO 50 PERCENT SLOPES	GERMANIA	well	High
Ha	HOLLY SANDY LOAM, 0 TO 3 PERCENT SLOPES	HOLLY	poorly	Very high
Hb	HOLLY SILT LOAM, 0 TO 3 PERCENT SLOPES	HOLLY	poorly	Very high
L2a	LORDSTOWN CHANNERY SILT LOAM, 0 TO 12 PERCENT SLOPES	LORDSTOWN	well	Medium

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L2b	LORDSTOWN CHANNERY SILT LOAM, 12 TO 20 PERCENT SLOPES	LORDSTOWN	well	Medium
L2c	LORDSTOWN CHANNERY SILT LOAM, 20 TO 30 PERCENT SLOPES	LORDSTOWN	well	High
L2d	LORDSTOWN CHANNERY SILT LOAM, 30 TO 40 PERCENT SLOPES	LORDSTOWN	well	High
L2e	LORDSTOWN CHANNERY SILT LOAM, NEUTRAL VARIANT, 0 TO 30 PERCENT SLOPES	LORDSTOWN VARIANT	well	Medium
L2f	LORDSTOWN STONY LOAM, 0 TO 20 PERCENT SLOPES	LORDSTOWN	well	Medium
L2g	LORDSTOWN STONY LOAM, 20 TO 30 PERCENT SLOPES	LORDSTOWN	well	High
L2h	LORDSTOWN AND BATH CHANNERY SILT LOAMS, 40 TO 60 PERCENT SLOPES	LORDSTOWN	well	High
L2h	LORDSTOWN AND BATH CHANNERY SILT LOAMS, 40 TO 60 PERCENT SLOPES	BATH	well	High
La	LACKAWANNA CHANNERY LOAM, 0 TO 12 PERCENT SLOPES	LACKAWANNA	well	High
Lb	LACKAWANNA CHANNERY LOAM, 12 TO 20 PERCENT SLOPES	LACKAWANNA	well	High
Lc	LACKAWANNA CHANNERY LOAM, 20 TO 30 PERCENT SLOPES	LACKAWANNA	well	High
Ld	LACKAWANNA CHANNERY LOAM, 30 TO 40 PERCENT SLOPES	LACKAWANNA	well	High
Le	LACKAWANNA CHANNERY SILT LOAM, 0 TO 12 PERCENT SLOPES	LACKAWANNA	well	High
Lf	LACKAWANNA CHANNERY SILT LOAM, 12 TO 20 PERCENT SLOPES	LACKAWANNA	well	High
Lg	LACKAWANNA CHANNERY SILT LOAM, 20 TO 30 PERCENT SLOPES	LACKAWANNA	well	High
Lh	LACKAWANNA CHANNERY SILT LOAM, 30 TO 40 PERCENT SLOPES	LACKAWANNA	well	High
Lk	LACKAWANNA CHANNERY SILT LOAM, 25 TO 40 INCHES DEEP, RESIDUAL VARIANT, 0 TO 12 PERCENT SLOPES	LACKAWANNA VARIANT	well	Medium
Lm	LACKAWANNA CHANNERY SILT LOAM, 25 TO 40 INCHES DEEP, RESIDUAL VARIANT, 12 TO 20 PERCENT SLOPES	LACKAWANNA VARIANT	well	Medium
Ln	LACKAWANNA CHANNERY SILT LOAM, 25 TO 40 INCHES DEEP, RESIDUAL VARIANT, 20 TO 30 PERCENT SLOPES	LACKAWANNA VARIANT	well	High

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Lo	LACKAWANNA STONY LOAM, 0 TO 20 PERCENT SLOPES	LACKAWANNA	well	High
Lp	LACKAWANNA STONY LOAM, 20 TO 30 PERCENT SLOPES	LACKAWANNA	well	High
Lr	LEETONIA CHANNERY LOAMY SAND AND DEKALB LOAM, 30 TO 60 PERCENT SLOPES	LEETONIA	well	Medium
Lr	LEETONIA CHANNERY LOAMY SAND AND DEKALB LOAM, 30 TO 60 PERCENT SLOPES	DEKALB	well	Low
Ls	LEETONIA STONY LOAMY SAND, 0 TO 20 PERCENT SLOPES	LEETONIA	well	Low
Lt	LEETONIA STONY LOAMY SAND, 20 TO 30 PERCENT SLOPES	LEETONIA	well	Medium
Lu	LEETONIA AND DELALB VERY STONY SOILS, 0 TO 20 PERCENT SLOPES	LEETONIA	well	Low
Lu	LEETONIA AND DELALB VERY STONY SOILS, 0 TO 20 PERCENT SLOPES	DELALB	somewhat excessively	Very low
Lv	LEETONIA AND DEKALB VERY STONY SOILS, 20 TO 30 PERCENT SLOPES	LEETONIA	well	Medium
Lv	LEETONIA AND DEKALB VERY STONY SOILS, 20 TO 30 PERCENT SLOPES	DEKALB	somewhat excessively	Low
Lw	LEETONIA AND DEKALB VERY STONY SOILS, 30 TO 70 PERCENT SLOPES	LEETONIA	well	Medium
Lw	LEETONIA AND DEKALB VERY STONY SOILS, 30 TO 70 PERCENT SLOPES	DEKALB	somewhat excessively	Low
Ma	MARDIN CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES	MARDIN	moderately well	High
Mb	MARDIN CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	MARDIN	moderately well	Very high
Mc	MARDIN CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	MARDIN	moderately well	Very high
Md	MARDIN CHANNERY SILT LOAM 25 TO 35 PERCENT SLOPES	MARDIN	moderately well	Very high
Me	MIDDLEBURY SANDY LOAM, 0 TO 3 PERCENT SLOPES	MIDDLEBURY	moderately well	Very high
Mf	MIDDLEBURY SILT LOAM, 0 TO 3 PERCENT SLOPES	MIDDLEBURY	moderately well	Very high
Mg	MIDDLEBURY SILT LOAM, HIGH BOTTOM PHASE, 0 TO 3 PERCENT SLOPES	MIDDLEBURY	moderately well	Very high
Mh	MINORA SILT LOAM, 0 TO 12 PERCENT SLOPES	MINORA	well	Medium

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Mk	MINORA SILT LOAM, 12 TO 20 PERCENT SLOPES	MINORA	well	Medium
Mm	MINORA SILT LOAM, 20 TO 30 PERCENT SLOPES	MINORA	well	High
Mn	MIXED ALLUVIUM, 0 TO 5 PERCENT SLOPES	MIXED ALLUVIUM	somewhat poorly	Negligible
Mo	MORRIS SILT LOAM, 0 TO 3 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
Mp	MORRIS SILT LOAM, 3 TO 8 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
Mr	MORRIS SILT LOAM, 8 TO 15 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
Ms	MORRIS SILT LOAM, 15 TO 25 PERCENT SLOPES	MORRIS	moderately well	High
Ms	MORRIS SILT LOAM, 15 TO 25 PERCENT SLOPES	NORWICH	very poorly	Very high
Mt	MORRIS SILT LOAM, 25 TO 50 PERCENT SLOPES	MORRIS	moderately well	High
Mt	MORRIS SILT LOAM, 25 TO 50 PERCENT SLOPES	NORWICH	very poorly	Very high
Mu	MORRIS STONY SILT LOAM, 0 TO 15 PERCENT SLOPES	MORRIS	poorly	Very high
Mv	MORRIS STONY SILT LOAM, 15 TO 25 PERCENT SLOPES	MORRIS	somewhat poorly	High
Mv	MORRIS STONY SILT LOAM, 15 TO 25 PERCENT SLOPES	NORWICH	very poorly	Very high
Mw	MORRIS STONY SILT LOAM, 25 TO 50 PERCENT SLOPES	MORRIS	somewhat poorly	High
Mw	MORRIS STONY SILT LOAM, 25 TO 50 PERCENT SLOPES	NORWICH	very poorly	Very high
Na	NOLO CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES	NOLO	poorly	Very high
Nb	NOLO STONY SANDY LOAM, SANDY VARIANT, 0 TO 12 PERCENT SLOPES	NOLO VARIANT	poorly	Very high
Nc	NORWICH SILT LOAM, 0 TO 15 PERCENT SLOPES	NORWICH	very poorly	Very high
Nd	NORWICH STONY SILT LOAM, 0 TO 15 PERCENT SLOPES	NORWICH	very poorly	Very high
Oa	OQUAGA CHANNERY LOAM, 0 TO 12 PERCENT SLOPES	OQUAGA	well	Medium
Ob	OQUAGA CHANNERY LOAM, 12 TO 20 PERCENT SLOPES	OQUAGA	well	Medium

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Oc	OQUAGA CHANNERY LOAM, 20 TO 30 PERCENT SLOPES	OQUAGA	well	High
Od	OQUAGA CHANNERY LOAM, 30 TO 50 PERCENT SLOPES	OQUAGA	well	High
Oe	OQUAGA STONY LOAM, 0 TO 20 PERCENT SLOPES	OQUAGA	well	Medium
Of	OQUAGA STONY LOAM, 20 TO 30 PERCENT SLOPES	OQUAGA	well	High
Og	OQUAGA STONY LOAM, 30 TO 60 PERCENT SLOPES	OQUAGA	well	High
Pa	PAPAKATING SILT LOAM, 0 TO 3 PERCENT SLOPES	PAPAKATING	very poorly	Very high
Pb	PEAT AND MUCK UNDIFFERENTIATED, 0 TO 3 PERCENT SLOPES	PEAT AND MUCK	very poorly	Very low
Ra	RED HOOK SILT LOAM, 0 TO 3 PERCENT SLOPES	RED HOOK	very poorly	Very high
Rb	RIVERWASH, 0 TO 3 PERCENT SLOPES	RIVERWASH		---
Sa	SCIO FINE SANDY LOAM-SILT LOAM, 0 TO 3 PERCENT SLOPES	SCIO FINE SANDY LOAM	moderately well	Low
Sb	SWEDEN LOAM, 0 TO 12 PERCENT SLOPES	SWEDEN	well	Medium
Sc	SWEDEN STONY LOAM, 0 TO 12 PERCENT SLOPES	SWEDEN	well	Medium
Ta	TIOGA FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	TIOGA	well	Very low
Tb	TIOGA FINE SANDY LOAM, HIGH BOTTOM PHASE, 0 TO 3 PERCENT SLOPES	TIOGA	well	Very low
Tc	TIOGA GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES	TIOGA	well	Very low
Td	TUNKHANNOCK FLAGGY LOAM, 3 TO 20 PERCENT SLOPES	TUNKHANNOCK	well	Low
Te	TUNKHANNOCK FLAGGY LOAM, 20 TO 30 PERCENT SLOPES	TUNKHANNOCK	well	Medium
Tf	TUNKHANNOCK FLAGGY LOAM, 30 TO 50 PERCENT SLOPES	TUNKHANNOCK	well	Medium
Tg	TUNKHANNOCK GRAVELLY LOAM, 0 TO 12 PERCENT SLOPES	TUNKHANNOCK	well	Low
Th	TUNKHANNOCK GRAVELLY LOAM, 12 TO 20 PERCENT SLOPES	TUNKHANNOCK	well	Low

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Ua	UNADILLA FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	UNADILLA	well	Low
Ub	UNADILLA SILT LOAM, 0 TO 3 PERCENT SLOPES	UNADILLA	well	Low
Va	VOLUSIA CHANNERY SILT LOAM, 0 TO 3 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
Vb	VOLUSIA CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
Vc	VOLUSIA CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
Vd	VOLUSIA CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
Ve	VOLUSIA CHANNERY SILT LOAM, 25 TO 40 PERCENT SLOPES	VOLUSIA	moderately well	Very high
Vf	VOLUSIA FLAGGY SILT LOAM, 0 TO 8 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
Vg	VOLUSIA FLAGGY SILT LOAM, 8 TO 15 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
Vh	VOLUSIA FLAGGY SILT LOAM, 15 TO 25 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
Vk	VROOMAN FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	VROOMAN	well	Low
Vm	VROOMAN SILT LOAM, 0 TO 3 PERCENT SLOPES	VROOMAN	well	Low
Wa	WELLSBORO CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES	WELLSBORO	moderately well	Medium
Wb	WELLSBORO CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	WELLSBORO	moderately well	High
Wc	WELLSBORO CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	WELLSBORO	moderately well	High
Wd	WELLSBORO CHANNERY SILT LOAM, 25 TO 35 PERCENT SLOPES	WELLSBORO	moderately well	High
We	WELLSBORO STONY LOAM, 0 TO 15 PERCENT SLOPES	WELLSBORO	moderately well	High
Wf	WELLSBORO STONY LOAM, 15 TO 25 PERCENT SLOPES	WELLSBORO	moderately well	High
Wg	WELLSBORO STONY LOAM, 25 TO 35 PERCENT SLOPES	WELLSBORO	moderately well	High
Wh	WHARTON CHANNERY SILT LOAM, 0 TO 12 PERCENT SLOPES	WHARTON	moderately well	High

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Wk	WHARTON CHANNERY SILT LOAM, 12 TO 20 PERCENT SLOPES	WHARTON	moderately well	High
Wm	WHARTON CHANNERY SILT LOAM, 20 TO 30 PERCENT SLOPES	WHARTON	moderately well	Very high
Wn	WOOSTERN GRAVELLY LOAM, 0 TO 12 PERCENT SLOPES	WOOSTERN	well	Low
Wo	WOOSTERN GRAVELLY LOAM, 12 TO 20 PERCENT SLOPES	WOOSTERN	well	Low
Wp	WOOSTERN GRAVELLY LOAM, 20 TO 30 PERCENT SLOPES	WOOSTERN	well	Medium
Wr	WOOSTERN GRAVELLY LOAM, 30 TO 50 PERCENT SLOPES	WOOSTERN	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