

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

Schuylkill County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
AeB	ALLENWOOD GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	ALLENWOOD	well	Medium
AeC	ALLENWOOD GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	ALLENWOOD	well	Medium
AgA	ALVIRA SILT LOAM, 0 TO 3 PERCENT SLOPES	ALVIRA	somewhat poorly	Very high
AgB	ALVIRA SILT LOAM, 3 TO 8 PERCENT SLOPES	ALVIRA	somewhat poorly	Very high
AnA	ANDOVER GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES	ANDOVER	poorly	Very high
AnB	ANDOVER GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	ANDOVER	poorly	Very high
ArB	ANDOVER EXTREMELY STONY LOAM, 0 TO 8 PERCENT SLOPES	ANDOVER	poorly	Very high
At	ATKINS SILT LOAM	ATKINS	poorly	Very high
Ba	BASHER SILT LOAM	BASHER	moderately well	Low
BeB	BERKS SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES	BERKS	well	Low (1)
BeC	BERKS SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	BERKS	well	Low (1)
BeD	BERKS SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES	BERKS	well	Medium (1)
BuB	BUCHANAN GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	BUCHANAN	moderately well	Medium
BuC	BUCHANAN GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	BUCHANAN	moderately well	Medium
BxB	BUCHANAN EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	BUCHANAN	moderately well	Medium
BxD	BUCHANAN EXTREMELY STONY LOAM, 8 TO 25 PERCENT SLOPES	BUCHANAN	moderately well	High
CaB	CALVIN SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES	CALVIN	well	Low (1)
CaC	CALVIN SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	CALVIN	well	Low (1)
CaD	CALVIN SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES	CALVIN	well	Medium (1)
DeB	DEKALB CHANNERY SANDY LOAM, 3 TO 8 PERCENT SLOPES	DEKALB	well	Very low (1)
DeC	DEKALB CHANNERY SANDY LOAM, 8 TO 15 PERCENT SLOPES	DEKALB	well	Very low (1)

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DeD	DEKALB CHANNERY SANDY LOAM, 15 TO 25 PERCENT SLOPES	DEKALB	well	Low (1)
DkB	DEKALB EXTREMELY STONY SANDY LOAM, 3 TO 8 PERCENT SLOPES	DEKALB	well	Very low (1)
DkC	DEKALB EXTREMELY STONY SANDY LOAM, 8 TO 25 PERCENT SLOPES	DEKALB	well	Very low (1)
DMF	DEKALB AND LEHEW EXTREMELY STONY SOILS, STEEP	DEKALB	well	Low (1)
DMF	DEKALB AND LEHEW EXTREMELY STONY SOILS, STEEP	LEHEW	well	Low (1)
DR	DEKALB SOILS-RUBBLE LAND ASSOCIATION	DEKALB SOILS	well	Low (1)
DR	DEKALB SOILS-RUBBLE LAND ASSOCIATION	RUBBLE LAND		---
Ds	DUMPS, COAL WASTE	DUMPS		---
Du	DUMPS, MINE	DUMPS		---
HaB	HARTLETON CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	HARTLETON	well	Low (1)
HaC	HARTLETON CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	HARTLETON	well	Low (1)
HaD	HARTLETON CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	HARTLETON	well	Medium (1)
HeB	HAZLETON CHANNERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	HAZLETON	well	Low (1)
HeC	HAZLETON CHANNERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	HAZLETON	well	Low (1)
HeD	HAZLETON CHANNERY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	HAZLETON	well	Medium (1)
HfB	HAZLETON EXTREMELY STONY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	HAZLETON	well	Low (1)
HfC	HAZLETON EXTREMELY STONY FINE SANDY LOAM, 8 TO 25 PERCENT SLOPES	HAZLETON	well	Low (1)
HGB	HAZLETON-CLYMER ASSOCIATION, GENTLY SLOPING	HAZLETON	well	Very low (1)
HGB	HAZLETON-CLYMER ASSOCIATION, GENTLY SLOPING	CLYMER	well	Low (1)
HGC	HAZLETON-CLYMER ASSOCIATION, SLOPING	HAZLETON	well	Low (1)
HGC	HAZLETON-CLYMER ASSOCIATION, SLOPING	CLYMER	well	Medium (1)
KeB	KEDRON SILT LOAM, 3 TO 8 PERCENT SLOPES	KEDRON	moderately well	High

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KeC	KEDRON SILT LOAM, 8 TO 15 PERCENT SLOPES	KEDRON	moderately well	High
KvB	KEDRON VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	KEDRON	moderately well	High
KvC	KEDRON VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	KEDRON	moderately well	High
LaB	LAIDIG GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	LAIDIG	well	Low
LaC	LAIDIG GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	LAIDIG	well	Low
LdB	LAIDIG EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	LAIDIG	well	Low
LdC	LAIDIG EXTREMELY STONY LOAM, 8 TO 25 PERCENT SLOPES	LAIDIG	well	Low
LeB	LECK KILL CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	LECK KILL	well	Low (1)
LeC	LECK KILL CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	LECK KILL	well	Low (1)
LgB	LEHEW CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	LEHEW	well	Very low (1)
LgC	LEHEW CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	LEHEW	well	Very low (1)
LgD	LEHEW CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	LEHEW	well	Low (1)
LhB	LEHEW EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	LEHEW	well	Very low (1)
LhC	LEHEW EXTREMELY STONY LOAM, 8 TO 25 PERCENT SLOPES	LEHEW	well	Very low (1)
Ln	LINDEN SILT LOAM	LINDEN	well	Very low
MeB	MECKESVILLE LOAM, 3 TO 8 PERCENT SLOPES	MECKESVILLE	well	Medium
MeC	MECKESVILLE LOAM, 8 TO 15 PERCENT SLOPES	MECKESVILLE	well	Medium
MeD	MECKESVILLE LOAM, 15 TO 25 PERCENT SLOPES	MECKESVILLE	well	High
MkB	MECKESVILLE VERY STONY LOAM, 3 TO 8 PERCENT SLOPES	MECKESVILLE	well	Medium
MkC	MECKESVILLE VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	MECKESVILLE	well	Medium
Ph	PHILO SILT LOAM	PHILO	moderately well	Low
Po	POPE SILT LOAM	POPE	well	Low

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ShA	SHELMADINE SILT LOAM, 0 TO 3 PERCENT SLOPES	SHELMADINE	poorly	Very high
ShB	SHELMADINE SILT LOAM, 3 TO 8 PERCENT SLOPES	SHELMADINE	poorly	Very high
SmB	SHELMADINE VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	SHELMADINE	poorly	Very high
UD	UDIFLUVENTS, COAL OVERWASH	UDIFLUVENTS	well	Low
UF	UDIFLUVENTS, GRAVELLY	UDIFLUVENTS	moderately well	Low
UM	UDORTHENTS, STRIP MINE	UDORTHENTS		Medium
UU	URBAN LAND-UDULTS COMPLEX	URBAN LAND		---
UU	URBAN LAND-UDULTS COMPLEX	UDULTS		--- (1)
w	WATER	WATER		---
WaB	WATSON SILT LOAM, 3 TO 8 PERCENT SLOPES	WATSON	moderately well	High
WaC	WATSON SILT LOAM, 8 TO 15 PERCENT SLOPES	WATSON	moderately well	High
WKF	WEIKERT AND KLINESVILLE SHALY SILT LOAMS, STEEP	KLINESVILLE	somewhat excessively	Medium (1)
WKF	WEIKERT AND KLINESVILLE SHALY SILT LOAMS, STEEP	WEIKERT	somewhat excessively	Medium (1)

(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