

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

Cambria County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
AbB	ALBRIGHTS SILT LOAM, 3 TO 8 PERCENT SLOPES	ALBRIGHTS	moderately well	Medium
AbC	ALBRIGHTS SILT LOAM, 8 TO 15 PERCENT SLOPES	ALBRIGHTS	moderately well	Medium
AmB	ARMAGH SILT LOAM, 0 TO 8 PERCENT SLOPES	ARMAGH	poorly	Very high
At	ATKINS SILT LOAM	ATKINS	poorly	Very high
BeB	BERKS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	BERKS	well	Low (1)
BeC	BERKS CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	BERKS	well	Low (1)
BeD	BERKS CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	BERKS	well	Medium (1)
BmB	BLAIRTON SILT LOAM, 3 TO 8 PERCENT SLOPES	BLAIRTON	moderately well	Very high (1)
BmC	BLAIRTON SILT LOAM, 8 TO 15 PERCENT SLOPES	BLAIRTON	moderately well	Very high (1)
BnB	BLAIRTON VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	BLAIRTON	moderately well	Very high (1)
BpC	BLAIRTON-BERKS CHANNERY SILT LOAMS, 8 TO 15 PERCENT SLOPES	BLAIRTON	moderately well	Very high (1)
BpC	BLAIRTON-BERKS CHANNERY SILT LOAMS, 8 TO 15 PERCENT SLOPES	BERKS	well	Low (1)
BtB	BRINKERTON SILT LOAM, 0 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
BvB	BRINKERTON VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
CaA	CAVODE SILT LOAM, 0 TO 3 PERCENT SLOPES	CAVODE	somewhat poorly	Very high (1)
CaB	CAVODE SILT LOAM, 3 TO 8 PERCENT SLOPES	CAVODE	somewhat poorly	Very high (1)
CaC	CAVODE SILT LOAM, 8 TO 15 PERCENT SLOPES	CAVODE	somewhat poorly	Very high (1)
CbB	CAVODE VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	CAVODE	somewhat poorly	Very high (1)
CeA	COOKPORT AND ERNEST SOILS, 0 TO 3 PERCENT SLOPES	COOKPORT	moderately well	Medium (1)
CeA	COOKPORT AND ERNEST SOILS, 0 TO 3 PERCENT SLOPES	ERNEST	moderately well	Low
CeB	COOKPORT AND ERNEST SOILS, 3 TO 8 PERCENT SLOPES	COOKPORT	moderately well	High (1)

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CeB	COOKPORT AND ERNEST SOILS, 3 TO 8 PERCENT SLOPES	ERNEST	moderately well	Medium
CeC	COOKPORT AND ERNEST SOILS, 8 TO 15 PERCENT SLOPES	COOKPORT	moderately well	High (1)
CeC	COOKPORT AND ERNEST SOILS, 8 TO 15 PERCENT SLOPES	ERNEST	moderately well	Medium
CeD	COOKPORT AND ERNEST SOILS, 15 TO 25 PERCENT SLOPES	COOKPORT	moderately well	High (1)
CeD	COOKPORT AND ERNEST SOILS, 15 TO 25 PERCENT SLOPES	ERNEST	moderately well	High
CvB	COOKPORT AND ERNEST VERY STONY SOILS, 0 TO 8 PERCENT SLOPES	COOKPORT	moderately well	Medium (1)
CvB	COOKPORT AND ERNEST VERY STONY SOILS, 0 TO 8 PERCENT SLOPES	ERNEST	moderately well	Low
CvD	COOKPORT AND ERNEST VERY STONY SOILS, 8 TO 25 PERCENT SLOPES	COOKPORT	moderately well	High (1)
CvD	COOKPORT AND ERNEST VERY STONY SOILS, 8 TO 25 PERCENT SLOPES	ERNEST	moderately well	Medium
DAM	Dams and impoundment structures	Dam		---
Dp	DUMPS, INDUSTRIAL WASTES	DUMPS		---
Du	DUMPS, MINE	DUMPS		---
GnB	GILPIN SILT LOAM, 3 TO 8 PERCENT SLOPES	GILPIN	well	Medium (1)
GpB	GILPIN VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	GILPIN	well	Medium (1)
GpD	GILPIN VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	GILPIN	well	Medium (1)
GtC	GILPIN-RAYNE SILT LOAMS, 8 TO 15 PERCENT SLOPES	GILPIN	well	Medium (1)
GtC	GILPIN-RAYNE SILT LOAMS, 8 TO 15 PERCENT SLOPES	RAYNE	well	Medium (1)
GtD	GILPIN-RAYNE SILT LOAMS, 15 TO 25 PERCENT SLOPES	GILPIN	well	High (1)
GtD	GILPIN-RAYNE SILT LOAMS, 15 TO 25 PERCENT SLOPES	RAYNE	well	High (1)
GwB	GILPIN-WEIKERT CHANNERY SILT LOAMS, 3 TO 8 PERCENT SLOPES	GILPIN	well	Medium (1)
GwB	GILPIN-WEIKERT CHANNERY SILT LOAMS, 3 TO 8 PERCENT SLOPES	WEIKERT	well	Low (1)

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GwC	GILPIN-WEIKERT CHANNERY SILT LOAMS, 8 TO 15 PERCENT SLOPES	GILPIN	well	Medium (1)
GwC	GILPIN-WEIKERT CHANNERY SILT LOAMS, 8 TO 15 PERCENT SLOPES	WEIKERT	well	Low (1)
GwD	GILPIN-WEIKERT CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES	GILPIN	well	High (1)
GwD	GILPIN-WEIKERT CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES	WEIKERT	well	Medium (1)
GWF	GILPIN-WEIKERT CHANNERY SILT LOAMS, 25 TO 70 PERCENT SLOPES	GILPIN	well	High (1)
GWF	GILPIN-WEIKERT CHANNERY SILT LOAMS, 25 TO 70 PERCENT SLOPES	WEIKERT	well	Medium (1)
HaB	HAZLETON CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	HAZLETON	well	Low (1)
HaC	HAZLETON CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	HAZLETON	well	Low (1)
HaD	HAZLETON CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	HAZLETON	well	Medium (1)
HbB	HAZLETON VERY STONY LOAM, 3 TO 8 PERCENT SLOPES	HAZLETON	well	Low (1)
HbD	HAZLETON VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	HAZLETON	well	Low (1)
HbF	HAZLETON VERY STONY SANDY LOAM, 25 TO 65 PERCENT SLOPES	HAZLETON	well	Medium
Hx	HAZLETON EXTREMELY BOULDERY SANDY LOAM	HAZLETON	well	Low (1)
LaB	LAIDIG LOAM, 3 TO 8 PERCENT SLOPES	LAIDIG	well	Medium
LaC	LAIDIG LOAM, 8 TO 15 PERCENT SLOPES	LAIDIG	well	Medium
LDF	LAIDIG SOILS, 25 TO 70 PERCENT SLOPES	LAIDIG	well	High
LkB	LECK KILL SILT LOAM, 3 TO 8 PERCENT SLOPES	LECK KILL	well	Low (1)
LkC	LECK KILL SILT LOAM, 8 TO 15 PERCENT SLOPES	LECK KILL	well	Low (1)
LkD	LECK KILL SILT LOAM, 15 TO 25 PERCENT SLOPES	LECK KILL	well	Medium (1)
LtB	LEETONIA VERY STONY LOAMY SAND, 3 TO 8 PERCENT SLOPES	LEETONIA	well	Low (1)
NoB	NOLO VERY STONY SANDY LOAM, 0 TO 8 PERCENT SLOPES	NOLO	poorly	Very high (1)

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Ph	PHILO SILT LOAM	PHILO	moderately well	Low
Po	POPE SILT LOAM	POPE	well	Low
RaB	RAYNE SILT LOAM, 3 TO 8 PERCENT SLOPES	RAYNE	well	Medium (1)
RaC	RAYNE SILT LOAM, 8 TO 15 PERCENT SLOPES	RAYNE	well	Medium (1)
RaD	RAYNE SILT LOAM, 15 TO 25 PERCENT SLOPES	RAYNE	well	High (1)
UDC	UDORTHENTS, STRIP MINE, SLOPING	UDORTHENTS	moderately well	Low
UDF	UDORTHENTS, STRIP MINE, STEEP	UDORTHENTS	moderately well	Medium
URB	URBAN LAND-UDORTHENTS COMPLEX, GENTLY SLOPING	URBAN LAND	excessively	---
URB	URBAN LAND-UDORTHENTS COMPLEX, GENTLY SLOPING	UDORTHENTS	moderately well	Low
URC	URBAN LAND-UDORTHENTS COMPLEX, SLOPING	URBAN LAND	excessively	---
URC	URBAN LAND-UDORTHENTS COMPLEX, SLOPING	UDORTHENTS	moderately well	Low
W	WATER	WATER		---
WaB	WHARTON SILT LOAM, 3 TO 8 PERCENT SLOPES	WHARTON	moderately well	High (1)
WaC	WHARTON SILT LOAM, 8 TO 15 PERCENT SLOPES	WHARTON	moderately well	High (1)
WgC	WHARTON-GILPIN SILT LOAMS, 8 TO 15 PERCENT SLOPES	WHARTON	moderately well	High (1)
WgC	WHARTON-GILPIN SILT LOAMS, 8 TO 15 PERCENT SLOPES	GILPIN	well	Medium (1)
WgD	WHARTON-GILPIN SILT LOAMS, 15 TO 25 PERCENT SLOPES	WHARTON	moderately well	Very high (1)
WgD	WHARTON-GILPIN SILT LOAMS, 15 TO 25 PERCENT SLOPES	GILPIN	well	High (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