

SOIL SURVEY LEGEND  
JEFFERSON COUNTY, PENNSYLVANIA

Revised: 6/86  
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MAP SYMBOL	MAPPING UNIT	SOIL INTERPRETIVE RECORD NO.	CAPABILITY CLASS	PRIME FARMLAND	SOILS OF STATE WIDE IMPORTANCE
Aw	Atkins silt loam	WY0008	3w		X
BrA	Brinkerton silt loam, very wet, 0-3% slopes	PA0090	4w		
BrB	Brinkerton silt loam, very wet, 3-8% slopes	"	4w		
BsA	Brinkerton and Armagh silt loams, 0-3% slopes	PA0090.PA0094	4w		
BsB	Brinkerton and Armagh silt loams, 3-8% slopes	" "	4w		
BvB	Brinkerton and Armagh very stony loams, 0-8% slopes	PA0091.PA0095	4w		
CaA	Cavode silt loam, 0-3 % slopes	PA0078	3w		X
CaB	Cavode silt loam, 3-8% slopes	"	3w		X
CaB2	Cavode silt loam, 3-8% slopes, moderately eroded	"	3w		X
CaC	Cavode silt loam, 8-15% slopes	"	3e		X
CaC2	Cavode silt loam, 8-15% slopes, moderately eroded	"	3e		X
CaD2	Cavode silt loam., 15-25% slopes, moderately eroded	"	6s		
CcC3	Cavode silty clay loam, 8-15% slopes, severely eroded	"	4e		
CdB	Cavode very stony silt loam, 0-8% slopes	PA0079	6s		
CdD	Cavode very stony silt loam, 8-25 % slopes	"	6s		
CkA	Cookport channery loam, 0-3% slopes	WV0017	2w	X	
CkB	Cookport channery loam, 3-8% slopes	"	2e	X	
CkB2	Cookport channery loam, 3-8% slopes, moderately eroded	"	3e	X	
CkC	Cookport channery loam, 8-15% slopes	"	3e		X
CpA	Cookport loam, 0-3% slopes	"	2w	X	
CpB	Cookport loam, 3-8% slopes	"	2e	X	
CpB2	Cookport loam, 3-8% slopes, moderately eroded	"	2e	X	
CsB	Cookport very stony loam, 0-8% slopes	WV0093	6s		
CsC	Cookport very stony loam, 8-15% slopes	"	6s		
DcA	Dekalb channery loam, 0-5% slopes	PA0202	2e		X
DcB	Dekalb channery loam, 5-12% slopes	"	2e		X
DcB2	Dekalb channery loam, 5-12% slopes, moderately eroded	"	2e		X
DcC	Dekalb channery loam, 12-20% slopes	"	3e		X
DcC2	Dekalb channery loam, 12-20% slopes, moderately eroded	"	3e		X
DcD	Dekalb channery loam, 20-35% slopes	"	4e		
DcD2	Dekalb channery loam, 20-35% slopes, moderately eroded	"	4e		
DcE	Dekalb channery loam, 35-60% slopes	"	7e		
DhA	Dekalb loam, 0-5 % slopes	"	2e		X
DhB	Dekalb loam, 5-12% slopes	"	2e		X
DhB2	Dekalb loam, 5-12% slopes, moderately eroded	"	2e		X
DhC	Dekalb loam, 12-20%	"	3e		X
DhC2	Dekalb loam, 12-20% slopes, moderately eroded	"	3e		X
DkB	Dekalb very stony loam, 0-12% slopes	PA0203	6s		
DkD	Dekalb very stony loam, 12-35% slopes	"	6s		
DkF	Dekaib very stony loam, 35-100% slopes	"	6s		
EnA	Ernest silt loam, 0-3 % slopes	WV0018	2w	X	
EnB	Ernest silt loam, 3-8% slopes	"	2e		X
EnB2	Ernest silt loam, 3-8% slopes, moderately eroded	"	2e		X
EnC	Ernest silt loam, 8-15% slopes	"	3e		X
EnC2	Ernest silt loam, 8-15% slopes, moderately eroded	"	3e		X
EnC3	Ernest silt loam, 8-15% slopes, severely eroded	"	4e		
ErB	Ernest very stony loam, 0-8% slopes	WV0094	6s		
ErC	Ernest very stony silt loam, 8-25 % slopes	"	6s		

MAP SYMBOL	MAPPING UNIT	SOIL INTERPRETIVE RECORD NO.	CAPABILITY CLASS	PRIME FARMLAND	SOILS OF STATE WIDE IMPORTANCE
GcA	Gilpin channery silt loam, 0-5 % slopes	PA0007	2e	X	
GcB	Gilpin channery silt loam, 5-12% slopes	"	2e	X	
GcB2	Gilpin channery silt loam, 5-12% slopes, moderately eroded	"	2e	X	
GcC	Gilpin channery silt loam, 12-20% slopes	"	3e		X
GcC2	Gilpin channery silt loam, 12-20% slopes, moderately eroded	"	3e		X
GcC3	Gilpin channery silt loam, 12-20% slopes, severely eroded	"	4e		
GcD	Gilpin channery silt loam, 20-35% slopes	"	4e		
GcD2	Gilpin channery silt loam, 20-35 % slopes, moderately eroded	"	4e		
GgA	Gilpin silt loam, 0-5% slopes	"	2e	X	
GgB	Gilpin silt loam, 5-12% slopes	"	2e		X
GgB2	Gilpin silt loam, 5-12% slopes, moderately eroded	"	2e		X
GgC	Gilpin silt loam, 12-20% slopes	"	3e		X
GgC2	Gilpin silt loam, 12-20% slopes, moderately eroded	"	3e		X
GgD	Gilpin silt loam, 20-35% slopes	"	4e		
GgD2	Gilpin silt loam, 20-35% slopes, moderately eroded	"	4e		
GIB	Gilpin very stony silt loam, 0-12% slopes	PA0008	6s		
GID	Gilpin very stony silt loam, 12-35% slopes	"	6s		
GIF	Gilpin very stony silt loam, 35-60% slopes	"	7s		
GmD3	Gilpin and Weikert soils, 20-35% slopes, severely eroded	PA0007, PA0024	7e		
GmF	Gilpin and Weikert soils, 35-60% slopes	" "	7e		
GmF3	Gilpin and Weikert soils, 35-60% slopes, severely eroded	" "	7e		
GpB2	Gilpin-Upshur silty clay loams, 3-8%. moderately eroded	PA0007, WV0049	2e	X	
GpC2	Gilpin-Upshur silty clay loams, 8-25%. moderately eroded	" "	4e		
GsA	Guernsey silty clay loam, 0-3 % slopes	OH0059	2e	X	
GsB2	Guernsey silty clay loam, 3-8%. moderately eroded	"	2e		X
GuB	Gullied land, 3-12% slopes	---	8e		
GuD	Gullied land, 12-35% slopes	---	8e		
HaA	Clymer loam, 2-5 % slopes	PA0058	1	X	
HaB	Clymer loam, 5-12% slopes	"	2e	X	
HaB2	Clymer loam, 5-12% slopes, moderately eroded	"	2e	X	
HaC2	Clymer loam, 12-20% slopes, moderately eroded	"	3e		X
HoA	Allegheny silt loam, 0-5 % slopes	KY0099	2e	X	
HoB	Allegheny silt loam, 5-12% slopes	"	2e		X
HoC2	Allegheny silt loam, 12-20% slopes, moderately eroded	"	3e		X
LeB	Leetonia very stony sandy loam, 0-12% slopes	VA0022	6s		
LeD	Leetonia very stony sandy loam, 12-35% slopes	"	6s		
LeF	Leetonia very stony sandy loam, 35-80% slopes	"	7s		
Ma	Made land	---	---		
Md	Mine dumps	---	8s		
MoA	Monongahela silt loam, 0-3 % slopes	WV0006	2w	X	
MoB	Monongahela silt loam, 3-8% slopes	"	2e		
MsD2	Weikert shaly loam, 20-35 % slopes	PA0024	7e		
MvA	Weikert-Gilpin shaly silt loams, 0-5% slopes	PA0024, PA0007	3s		
MvB2	Weikert-Gilpin shaly silt loams, 5-12% slopes	" "	4e		X
MvC2	Weikert-Gilpin shaly silt loams, 12-20% slopes, moderately eroded	" "	6e		
NoA	Nolo silt loam. 0-3% slopes	PA0129	4w		
NoB	Nolo silt loam, 3-8% slopes	"	4w		
NsB	Nolo very stony silt loam, 0-8% slopes	PA0130	7s		

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Ph	Philo silt loam Pope	WV0020	2w	X	
Pp	Pope fine sandy loam	KY0018	1	X	
Ps	Pope silt loam	"	1	X	
Pu	Purdy silt loam	WV0034	4w		
ScA	Chavies silt loam, 0-5% slopes	KY0073	2e	X	
ShB2	Shelocta silt loam, 3-8% slopes, moderately eroded	KY0020	2e	X	
Sm	Strip mines	PA8001-8004	-		
Ty	Tyler silt loam	OHO 109	3w		X
WnA	Wellston silt loam, 0-5% slopes	OH001	2e	X	
WnB2	Wellston silt loam, 5-12% slopes, moderately eroded	"	2e		X
WnC2	Wellston silt loam, 12-20% slopes, moderately eroded	"	4e		X
WsB2	Westmoreland silt loam, 5-12% slopes, moderately eroded	PA0073	2e		X
WsC2	Westmoreland silt loam, 12-20% slopes, moderately eroded	"	4e		X
WsD2	Westmoreland silt loam, 20-35% slopes, moderately eroded	"	6e		
WtA	Wharton silt loam, 0-3% slopes	PA0084	2w	X	
WtB	Wharton silt loam, 3-8% slopes	"	2e	X	
WtB2	Wharton silt loam, 3-8% slopes, moderately eroded	"	2e	X	
WtC2	Wharton silt loam, 8-15% slopes, moderately eroded	"	3e		X
ZoA	Zoar silt loam, 0-3% slopes	WV0027	2w		

During the original soil mapping for the Jefferson County Soil Survey, the well drained soils were mapped using the slope ranges of 0-5%, 5-12%, 12-20% and 20-35%. Most of the data presented on the Soil Interpretive Records is based on the current slope classifications of 0-3%, 3-8%, 8-15% and 15-25%. For the purpose of evaluating this interpretative data the user should, unless a field or a site visit indicates otherwise, assume that most slopes on the well drained soils fall into the current slope classifications as follows:

0 - 5 % are 0 - 3 %	5 - 12% are 3 - 8 %
12 - 20% are 8 - 15 %	20 - 35 % are 15 - 25 %