

Costilla County Area, Colorado Soil Survey**

Revised as of 3/5/2015

Soil Map Units
Sorted by Map Symbol
For Soil Survey Area - CO023

Map Symbol	Soil Map Unit Name	HEL Wind C=80	HEL Water R=15
AmC	Amalia very gravelly coarse sandy loam, 3 to 9 percent slopes	3	3
AmE	Amalia very gravelly coarse sandy loam, 9 to 35 percent slopes	3	3
Aq	Cumulic Cryaquolls, 0 to 2 percent slopes	1	3
BfA	Blanfort fine sandy loam, 0 to 3 percent slopes	1	3
BfD	Blanfort fine sandy loam, 3 to 9 percent slopes	1	3
CsA	Cososa loamy sand, 0 to 3 percent slopes	1	3
CsD	Cososa loamy sand, 3 to 9 percent slopes	1	3
CtA	Costilla loamy sand, 0 to 3 percent slopes	1	3
CuF	Comodore-Uracca-Rock outcrop complex, 5 to 65 percent slopes	1	2
DAM	Dam	N/A	N/A
DrD	Durreo gravelly fine sandy loam, 1 to 9 percent slopes	1	3
EaA	Eastdale loam, 0 to 1 percent slopes	3	3
FLB	Fluents, nearly level	3	3
FtA	Fuertes sandy loam, 0 to 2 percent slopes	1	3
GmE	Aquic Dystrocryepts	3	3
Gn	Angostura very stony loam, 20 to 65 percent slopes	3	2
GP	Pits, gravel	N/A	N/A
GpA	Graypoint sandy loam, 0 to 2 percent slopes	1	3
GrA	Grayco sandy loam, 0 to 2 percent slopes	1	3
GrC	Grayco sandy loam, 2 to 6 percent slopes	1	3
Ho	Hooper, wind hummocky-Hooper complex, 0 to 2 percent slopes	1	3
Hp	Hooper-Hooper, wind hummocky complex, 0 to 2 percent slopes	1	3
KbA	Kibin fine sandy loam, 0 to 3 percent slopes	1	3
KbC	Kibin fine sandy loam, 3 to 5 percent slopes	1	3
LbF	Lambe-Woodhall complex, 5 to 65 percent slopes	1	2
LeF	Fallriver-Rock outcrop complex, 10 to 65 percent slopes	1	2
LH	Leadville-Howlett complex, 5 to 40 percent slopes, stony	1	2
M	Pits, mine	N/A	N/A
McA	McGinty fine sandy loam, 0 to 1 percent slopes	1	3
McB	McGinty fine sandy loam, 1 to 3 percent slopes	1	3
McC	McGinty fine sandy loam, 3 to 9 percent slopes	1	3
MR	Mirror-Rock outcrop complex, 40 to 70 percent slopes	3	2
MsA	Mosca loamy fine sand, 0 to 2 percent slopes	1	3
MtA	Mesita silty clay loam, 0 to 1 percent slopes	3	3
MuC	Morval-Uracca complex, 3 to 9 percent slopes	1	3
MuE	Morval-Uracca complex, 5 to 35 percent slopes	1	2
PtC	Potrio gravelly silt loam, 1 to 6 percent slopes	1	3
RF	Rock outcrop-Rubble land complex, 45 to 90 percent slopes	N/A	N/A
RrA	Trinchera fine sandy loam, 0 to 1 percent slopes	1	3
RrB	Trinchera fine sandy loam, 1 to 3 percent slopes	1	3
RrD	Trinchera fine sandy loam, 3 to 9 percent slopes	1	3
ShA	Shawa fine sandy loam, 0 to 3 percent slopes	1	3

Map Symbol	Soil Map Unit Name	HEL Wind C=80	HEL Water R=15
ShC	Shawa fine sandy loam, 3 to 9 percent slopes	1	3
SL	Scandard-Leadville-Rock outcrop complex, 35 to 60 percent slop	1	1
SpD	Sanpedro-Potrio-Rock outcrop complex, 3 to 9 percent slopes	1	3
SpF	Sanpedro-Potrio-Rock outcrop complex, 9 to 65 percent slopes	1	2
StB	Stunner loam, 1 to 3 percent slopes	1	3
StC	Stunner loam, 3 to 6 percent slopes	1	3
SzF	Seitz-Tolvar complex, 10 to 65 percent slopes	1	2
TID	Tolvar-Laveta complex, 3 to 9 percent slopes	1	3
TIF	Tolvar-Laveta-Rock outcrop complex, 9 to 65 percent slopes	1	2
ToF	Tolvar gravelly sandy loam, 10 to 65 percent slopes	1	2
TvD	Travelers-Rock outcrop complex, 1 to 9 percent slopes	1	3
TvF	Travelers-Rock outcrop complex, 9 to 50 percent slopes	1	2
UmF	Uracca-Morval complex, 5 to 40 percent slopes	3	3
UrF	Uracca-Culebra complex, 5 to 50 percent slopes	3	3
VeA	Ventero mucky peat, 0 to 1 percent slopes	3	3
VgA	Vastine-Gerrard complex, 0 to 1 percent slopes	1	3
W	Water	N/A	N/A

NOTE: HEL Class 1 = Highly Erodible; Class 2 = Potentially Highly Erodible; Class 3 = Non-Highly Erodible.

NOTE: This "frozen" list is for use with USLE HEL Determinations only.

footnotes

* **Change in HEL Class** due to an error in calculations or incorrect component (soil T, R/C) factors being used. Determinations that contain these soils need to be checked to verify that the original determination has not been affected.

** **The Soil Survey was published in 2009.** This is the post-correlation final updated Highly Erodible Soil Map Unit List.

Non-soil area. On-site visit required.

Last Updated on 3/5/2015

By State Soil Scientist

The CO023- Costilla County Area, Colorado soil survey was in progress when a draft HEL list was developed. After final correlation of the soil survey, the 'Frozen HEL list' was finalized on 3/5/2015.