

HIGHLY ERODIBLE LANDS
 Wilkes County, North Carolina

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
BrD2	Braddock clay loam, 8 to 25 percent slopes, moderately eroded	15	25	3	.32	0.34	HEL
CdF	Chandler gravelly fine sandy loam, 25 to 80 percent slopes	25	80	3	.28	0.39	HEL
CeD	Chestnut-Ashe complex, 8 to 25 percent slopes, very stony	8	25	2	.17	0.43	HEL
CeF	Chestnut-Ashe complex, 25 to 90 percent slopes, very stony	25	90	2	.17	0.43	HEL
ChD	Chestnut-Edneyville complex, 8 to 25 percent slopes, stony	8	25	2	.17	0.43	HEL
ChE	Chestnut-Edneyville complex, 25 to 60 percent slopes, stony	25	60	2	.17	0.43	HEL
CnF	Cleveland-Rock outcrop complex, 8 to 90 percent slopes	8	90	1	.17	0.21	HEL
CsD	Cowee-Saluda complex, 8 to 25 percent slopes, stony	8	25	2	.20	0.36	HEL
CsE	Cowee-Saluda complex, 25 to 60 percent slopes, stony	25	60	2	.20	0.36	HEL
DpC2	Danripple sandy clay loam, 8 to 15 percent slopes, moderately eroded	8	15	3	.32	0.34	HEL
DsC2	Danripple gravelly sandy clay loam, 8 to 15 percent slopes, moderately eroded	8	15	4	.15	0.97	HEL
DwF	Devotion-Rhodhiss-Bannertown complex, 40 to 95 percent slopes, very rocky	40	95	3	.17	0.64	HEL
EdD	Edneytown gravelly sandy loam, 8 to 25 percent slopes	8	25	3	.15	0.73	HEL
ErD	Evard gravelly sandy loam, 15 to 25 percent slopes	15	25	5	.15	1.21	HEL
EsE	Evard-Cowee complex, 25 to 60 percent slopes, stony	25	60	5	.15	1.21	HEL
FaD	Fairview sandy loam, 15 to 25 percent slopes	15	25	3	.20	0.55	HEL
Fcc2	Fairview sandy clay loam, 8 to 15 percent slopes, moderately eroded	8	15	2	.24	0.30	HEL
FrD	Fairview-Urban land complex, 15 to 25 percent slopes	15	25	3	.20	0.55	HEL
HnE	Hibriten very cobbly sandy loam, 15 to 45 percent slopes	15	45	2	.10	0.73	HEL
PwD	Porters loam, 15 to 25 percent slopes, stony	15	25	3	.28	0.39	HEL
RdD	Rhodhiss fine sandy loam, 15 to 25 percent slopes	15	25	3	.24	0.45	HEL
RdE	Rhodhiss fine sandy loam, 25 to 60 percent slopes	25	60	3	.24	0.45	HEL
RgD	Rhodhiss-Bannertown complex, 15 to 35 percent slopes, stony	15	25	3	.24	0.45	HEL
RhC	Rhodhiss-Toast complex, 5 to 15 percent slopes	5	15	3	.24	0.45	HEL

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
TaD	Tate fine sandy loam, 8 to 25 percent slopes	15	25	5	.24	0.76	HEL
WaC	Watauga loam, 8 to 15 percent slopes	8	15	3	.24	0.45	HEL
WaD	Watauga loam, 15 to 25 percent slopes	15	25	3	.24	0.45	HEL
WhC	Woolwine-Hibriten complex, 6 to 15 percent slopes	6	15	2	.15	0.48	HEL
BaB	Banister fine sandy loam, 1 to 6 percent slopes, rarely flooded	2	8	5	.28	0.65	PHEL
BrB2	Braddock clay loam, 2 to 8 percent slopes, moderately eroded	2	8	3	.32	0.34	PHEL
CuE	Cullasaja very cobbly sandy loam, 15 to 60 percent slopes, extremely bouldery	15	60	5	.05	3.64	PHEL
DpB2	Danripple sandy clay loam, 2 to 8 percent slopes, moderately eroded	2	8	4	.32	0.45	PHEL
DsB2	Danripple gravelly sandy clay loam, 2 to 8 percent slopes, moderately eroded	2	8	4	.15	0.97	PHEL
DuC	Danripple-Urban land complex, 2 to 15 percent slopes	2	15	3	.32	0.34	PHEL
ErC	Evard gravelly sandy loam, 6 to 15 percent slopes	6	15	5	.15	1.21	PHEL
EsD	Evard-Cowee complex, 8 to 25 percent slopes, stony	8	25	5	.15	1.21	PHEL
FcB2	Fairview sandy clay loam, 2 to 8 percent slopes, moderately eroded	2	8	2	.24	0.30	PHEL
FrC	Fairview-Urban land complex, 2 to 15 percent slopes	2	15	3	.20	0.55	PHEL
GrD	Greenlee-Ostin, frequently flooded complex, 3 to 40 percent slopes, very stony	3	40	5	.10	1.82	PHEL
HeC2	Hayesville sandy clay loam, 6 to 15 percent slopes, moderately eroded	6	15	5	.20	0.91	PHEL
PaB	Pfafftown fine sandy loam, 1 to 6 percent slopes, rarely flooded	1	6	5	.28	0.65	PHEL
TcC	Tate-Cullowhee, frequently flooded complex, 0 to 25 percent slopes	6	25	5	.24	0.76	PHEL

This list appends the attached Highly Erodible Lands List issued April 1988, and reflects the correlated and published map units.

HEL – Highly Erodible

PHEL – Potentially Highly Erodible

HIGHLY ERODIBLE LANDS
 Wilkes County, North Carolina

Map Unit Symbol	Map Unit Name	Slope %	"K"	"T"	$\frac{17}{LS} = \frac{8T}{RK}$
A. Highly Erodible					
HbD	Bethlehem-Hibriten complex	6-15	.15	2	.48
BrD	Braddock clay loam, eroded	8-25	.32	3	.34
CdF	Chandler gravelly fine sandy loam	25-60	.17	3	.65
CaE	Chestnut-Ashe complex	8-25	.17	2	.42
CaG	Chestnut-Ashe complex	25-90	.17	2	.42
ChE	Chestnut-Edneyville complex	8-25	.17	2	.42
ChF	Chestnut-Edneyville complex	25-60	.17	2	.42
ArF	Cleveland-rock outcrop complex	8-90	.17	1	.36
EaE	Cowee-Saluda complex	8-25	.20	2	.36
EaF	Cowee-Saluda complex	25-80	.20	2	.36
SpF	Cullasaja very cobbly sandy loam	15-60	.17	5	1.06
EnE	Edneytown gravelly sandy loam	8-25	.17	3	.65
EvE	Evard gravelly sandy loam	15-25	.15	5	1.21
EsF	Evard-Cowee complex	25-60	.15	5	1.21
HbF	Hibriten very cobbly sandy loam	15-45	.10	2	.73
HwD	Masada gravelly sandy clay loam	8-15	.24	4	.60
MaD	Masada sandy clay loam, eroded	8-15	.24	4	.60
PaE	Pacolet sandy loam	15-25	.20	3	.55

PcD	Pacolet clay loam, eroded	8-15	.24	2	.30
PeD	Pacolet sandy clay loam, eroded	8-15	.24	2	.30
RnE	Rion fine sandy loam	15-25	.24	3	.45
RnF	Rion fine sandy loam	25-60	.24	3	.45
RaE	Rion-Ashlar complex	15-35	.24	3	.45
RwD	Rion-Wedowee complex	5-15	.24	3	.45
TaD	Tate fine sandy loam	8-25	.24	5	.75
WaD	Watauga loam	8-15	.24	3	.45
WaE	Watauga loam	15-25	.24	3	.45
LoG	Wateree-Rion complex	40-95	.20	3	.54

B. Potentially Highly Erodible

BrB	Braddock clay loam, eroded	2-8	.32	3	.34
EvD	Evard gravelly sandy loam	6-15	.15	5	1.21
EsE	Evard-Cowee complex	8-25	.15	5	1.21
MsE	Greenlee-Potomac complex	2-30	.10	5	1.80
HaD	Hayesville sandy clay loam, eroded	6-15	.20	5	.90
HwB	Masada gravelly sandy clay loam, eroded	2-8	.24	4	.60
MaB	Masada sandy clay loam, eroded	2-8	.24	4	.60
PcB	Pacolet clay loam, eroded	2-8	.24	2	.30
PeB	Pacolet sandy clay loam, eroded	2-8	.24	2	.30
TfD	Tate-Cullowhee complex	0-25	.24	5	.75

^{1/} $LS = \frac{8T}{RK}$ is the formula for determining the LS factor for an EI (erosion index) of 8.