HIGHLY ERODIBLE LANDS
Avery County, North Carolina

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
AcF	Ashe-Cleveland-Rock outcrop complex, 30 to 95 percent slopes, extremely bouldery	30	95	2	.17	0.50	HEL
BaE	Balsam very cobbly loam, windswept, 30 to 50 percent slopes, extremely bouldery	30	50	5	.05	4.21	HEL
BcE	Balsam-Rubble land complex, windswept, 30 to 50 percent slopes	30	50	5	.05	4.21	HEL
BcF	Balsam-Rubble land complex, windswept, 50 to 95 percent slopes	50	80	5	.05	4.21	HEL
BuC	Burton-Craggey-Rock outcrop complex, windswept, 8 to 15 percent slopes	8	15	2	.24	0.35	HEL
BuD	Burton-Craggey-Rock outcrop complex, windswept, 15 to 30 percent slopes	15	30	2	.24	0.35	HEL
BuF	Burton-Craggey-Rock outcrop complex, windswept, 30 to 95 percent slopes	30	95	2	.24	0.35	HEL
BwC	Burton-Wayah complex, windswept, 8 to 15 percent slopes, stony	8	15	2	.15	0.56	HEL
BwD	Burton-Wayah complex, windswept, 15 to 30 percent slopes, stony	15	30	2	.15	0.56	HEL
BwE	Burton-Wayah complex, windswept, 30 to 50 percent slopes, stony	30	50	2	.15	0.56	HEL
BwF	Burton-Wayah complex, windswept, 50 to 80 percent slopes, stony	50	80	2	.15	0.56	HEL
CaC	Cashiers sandy loam, 8 to 15 percent slopes, stony	8	15	4	.32	0.53	HEL
CaD	Cashiers sandy loam, 15 to 30 percent slopes, stony	15	30	4	.32	0.53	HEL
CaE	Cashiers sandy loam, 30 to 50 percent slopes, stony	30	50	4	.32	0.53	HEL
CaF	Cashiers sandy loam, 50 to 95 percent slopes, stony	50	95	4	.32	0.53	HEL
CeD	Chandler-Micaville complex, 15 to 30 percent slopes, stony	15	30	3	.28	0.45	HEL
CeE	Chandler-Micaville complex, 30 to 50 percent slopes, stony	30	50	3	.28	0.45	HEL
CeF	Chandler-Micaville complex, 50 to 95 percent slopes, stony	50	95	3	.28	0.45	HEL
ChD	Chestnut-Ashe complex, 15 to 30 percent slopes, very stony	15	30	2	.17	0.50	HEL
ChE	Chestnut-Ashe complex, 30 to 50 percent slopes, very stony	30	50	2	.17	0.50	HEL
ChF	Chestnut-Ashe complex, 50 to 95 percent slopes, very stony	50	95	2	.17	0.50	HEL
CnD	Chestnut-Buladean complex, 15 to 30 percent slopes, stony	15	30	2	.24	0.35	HEL

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
CnE	Chestnut-Buladean complex, 30 to 50 percent slopes, stony	30	50	2	.24	0.35	HEL
CnF	Chestnut-Buladean complex, 50 to 80 percent slopes, stony	50	95	2	.24	0.35	HEL
CoF	Clingman-Craggey-Rock outcrop complex, windswept, 15 to 95 percent slopes, extremely bouldery	15	95				HEL
CrE	Crossnore-Jeffrey complex, 30 to 50 percent slopes, very stony	30	50	2	.17	0.50	HEL
CrF	Crossnore-Jeffrey complex, 50 to 80 percent slopes, very stony	50	80	2	.17	0.50	HEL
CtE	Cullasaja cobbly loam, 30 to 50 percent slopes, extremely bouldery	30	50	5	.10	2.11	HEL
EpC	Edneytown-Pigeonroost complex, 8 to 15 percent slopes, stony	8	15	3	.20	0.63	HEL
EpD	Edneytown-Pigeonroost complex, 15 to 30 percent slopes, stony	15	30	3	.20	0.63	HEL
EpE	Edneytown-Pigeonroost complex, 30 to 50 percent slopes, stony	30	50	3	.20	0.63	HEL
EtE	Edneyville-Chestnut complex, 30 to 50 percent slopes, stony	30	50	4	.24	0.70	HEL
EtF	Edneyville-Chestnut complex, 50 to 80 percent slopes, stony	50	95	4	.24	0.70	HEL
FaC	Fannin fine sandy loam, 8 to 15 percent slopes	8	15	3	.32	0.39	HEL
FaD	Fannin fine sandy loam, 15 to 30 percent slopes	15	30	3	.32	0.39	HEL
FeC2	Fannin sandy clay loam, 8 to 15 percent slopes, eroded	8	15	3	.28	0.45	HEL
FeD2	Fannin sandy clay loam, 15 to 30 percent slopes, eroded	15	30	3	.28	0.45	HEL
FeE2	Fannin sandy clay loam, 30 to 50 percent slopes, eroded	30	50	3	.28	0.45	HEL
GrE	Greenlee very cobbly sandy loam, 30 to 50 percent slopes, extremely bouldery	30	50	5	.10	2.11	HEL
NnE	Northcove very cobbly loam, 30 to 50 percent slopes, extremely bouldery	30	50	5	.10	2.11	HEL
NoD	Northcove-Maymead complex, 15 to 30 percent slopes, extremely stony	15	30	5	.10	2.11	HEL
PnC	Pineola gravelly loam, 8 to 15 percent slopes, stony	8	15	3	0.15	0.84	HEL
PnD	Pineola gravelly loam, 15 to 30 percent slopes, stony	15	30	3	0.15	0.84	HEL
PtD	Plott loam, 15 to 30 percent slopes, stony	15	30	4	.24	0.70	HEL
PtE	Plott loam, 30 to 50 percent slopes, stony	30	50	4	.24	0.70	HEL
PtF	Plott loam, 50 to 95 percent slopes, stony	50	95	4	.24	0.70	HEL
PuC	Porters gravelly loam, 8 to 15 percent slopes, stony	8	15	3	.24	0.53	HEL
PuD	Porters gravelly loam, 15 to 30 percent slopes, stony	15	30	3	.24	0.53	HEL
PuE	Porters gravelly loam, 30 to 50 percent slopes, stony	30	50	3	.24	0.53	HEL
PuF	Porters gravelly loam, 50 to 80 percent slopes, stony	50	80	3	.24	0.53	HEL

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
PwD	Porters loam, 15 to 30 percent slopes, stony	15	30	3	.28	0.45	HEL
PwE	Porters loam, 30 to 50 percent slopes, stony	30	50	3	.28	0.45	HEL
SaC	Saunook loam, 8 to 15 percent slopes	8	15	5	.24	0.88	HEL
SbD	Saunook loam, 15 to 30 percent slopes, very stony	15	30	5	.24	0.88	HEL
SdC	Saunook silt loam, 8 to 15 percent slopes, stony	8	15	5	.24	0.88	HEL
ShC	Saunook-Thunder complex, 8 to 15 percent slopes, very stony	8	15	5	.24	0.88	HEL
ShD	Saunook-Thunder complex, 15 to 30 percent slopes, very stony	15	30	5	.24	0.88	HEL
SoD	Soco-Ditney complex, 15 to 30 percent slopes, very stony	15	30	2	.15	0.56	HEL
SoE	Soco-Ditney complex, 30 to 50 percent slopes, very stony	30	50	2	.15	0.56	HEL
SoF	Soco-Ditney complex, 50 to 95 percent slopes, very stony	50	95	2	.15	0.56	HEL
SpD	Spivey cobbly loam, 15 to 30 percent slopes, extremely bouldery	15	30	5	.17	1.24	HEL
SpE	Spivey cobbly loam, 30 to 50 percent slopes, extremely bouldery	30	50	5	.17	1.24	HEL
StD	Stecoah-Soco complex, 15 to 30 percent slopes, stony	15	30	5	.15	1.40	HEL
StE	Stecoah-Soco complex, 30 to 50 percent slopes, stony	30	50	5	.15	1.40	HEL
StF	Stecoah-Soco complex, 50 to 80 percent slopes, stony	50	80	5	.15	1.40	HEL
TsE	Thunder-Saunook complex, 30 to 50 percent slopes, very bouldery	30	50	5	.05	4.21	HEL
UnD	Unaka-Porters complex, 15 to 30 percent slopes, very rocky	15	30	2	.17	0.50	HEL
UnE	Unaka-Porters complex, 30 to 50 percent slopes, very rocky	30	50	2	.17	0.50	HEL
UnF	Unaka-Porters complex, 50 to 95 percent slopes, very rocky	50	95	2	.17	0.50	HEL
UoF	Unicoi-Rock outcrop complex, 30 to 95 percent slopes, extremely bouldery	30	95	1	.20	0.21	HEL
WaC	Watauga sandy loam, 8 to 15 percent slopes, stony	8	15	3	.24	0.53	HEL
WaD	Watauga sandy loam, 15 to 30 percent slopes, stony	15	30	3	.24	0.53	HEL
WbD	Wayah-Burton complex, windswept, 15 to 30 percent slopes, stony	15	30	3	.28	0.45	HEL
WcE	Wayah-Burton complex, windswept, 30 to 50 percent slopes, very stony	30	50	3	.28	0.45	HEL
WcF	Wayah-Burton complex, windswept, 50 to 95 percent slopes, very stony	50	95	3	.28	0.45	HEL
WkC	Whiteoak fine sandy loam, 8 to 15 percent slopes, stony	8	15	4	.28	0.60	HEL
WtD	Whiteoak fine sandy loam, 15 to 30 percent slopes, very stony	15	30	4	.28	0.60	HEL
BaD	Balsam very cobbly loam, windswept, 15 to 30 percent slopes, extremely bouldery	15	30	5	0.05	4.21	PHEL

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
CsD	Cullasaja cobbly fine sandy loam, 8 to 30 percent slopes, very bouldery	8	30	5	.10	2.11	PHEL
CtC	Cullasaja cobbly loam, 8 to 15 percent slopes, extremely bouldery	8	15	5	.10	2.11	PHEL
CtD	Cullasaja cobbly loam, 15 to 30 percent slopes, extremely bouldery	15	30	5	.10	2.11	PHEL
NoC	Northcove-Maymead complex, 8 to 15 percent slopes, extremely stony	8	15	5	.10	2.11	PHEL
PaB	Pineola gravelly loam, 2 to 8 percent slopes	2	8	3	0.15	0.84	PHEL
SaB	Saunook loam, 2 to 8 percent slopes	2	8	5	.24	0.88	PHEL
ScB	Saunook silt loam, 2 to 8 percent slopes	2	8	5	.24	0.88	PHEL
SgC	Saunook-Nikwasi complex, 2 to 15 percent slopes	2	15	5	.24	0.88	PHEL
SrC	Spivey-Whiteoak complex, 8 to 15 percent slopes, very bouldery	8	15	5	.17	1.24	PHEL
SsB	Statler loam, 0 to 6 percent slopes, rarely flooded	0	6	5	.32	0.66	PHEL
TsC	Thunder-Saunook complex, 8 to 15 percent slopes, very bouldery	8	15	5	.05	4.21	PHEL
TsD	Thunder-Saunook complex, 15 to 30 percent slopes, very bouldery	15	30	5	.05	4.21	PHEL
WhB	Whiteoak fine sandy loam, 2 to 8 percent slopes	2	8	4	.28	0.60	PHEL

This list appends the attached Highly Erodible Lands List issued April 1, 1988, and reflects the correlated and published map units.
HEL – Highly Erodible
PHEL – Potentially Highly Erodible

HIGHLY ERODIBLE LANDS
Avery County, North Carolina

Map Unit Symbol	Map Unit Name	Slope %	"K"	"T"	1/ LS=$\frac{8T}{RK}$
A. Highly Erodible					
70E	Ashe gravelly fine sandy loam	10-25	.17	2	.49
70F	Ashe stoney fine sandy loam	25-70	.17	2	.49
ARF	Ashe-Cleveland-rock outcrop	25-70	.17	2	.50
AEE	Ashe-Edneyville	10-25	.24	4	.70
AEF	Ashe-Edneyville	25-70	.24	4	.70
BCE	Burton & Craggy very stoney	10-30	.15	2	.56
BCF	Burton & Craggy very stoney	30-80	.15	2	.56
BTE	Burton stoney loam	10-30	.15	2	.56
BCE	Burton very stony loam	10-30	.15	2	.56
21E	Cataska gravelly loam	10-25	.20	1	.21
21F	Cataska gravelly loam	25-70	.20	1	.21
72E	Chandler loam	10-25	.32	3	.40
72F	Chandler loam	25-70	.32	3	.40
CWE	Chandler & Watauga	10-25	.32	3	.40
CWF	Chandler & Watauga	25-70	.32	3	.40
CRE	Clifton soil-rock outcrop	10-25	.17	4	.99
CRF	Clifton soil-rock outcrop	25-70	.17	4	.99
34C	Chestnut & Edneyville	8-15	.24	4	.70
34D	Chestnut & Edneyville	15-25	.24	4	.70
34F	Chestnut & Edneyville	25-50	.24	4	.70

CKF	Craggy rock complex	25-100	.24	1	.17
(27D)37D	Evard fine sandy loam	15-25	.24	5	.87
(27F)37F	Evard fine sandy loam	25-70	.24	5	.87
(96F)97F	Evard stoney fine sandy loam	25-70	.15	5	1.40
25C	Fannin loam	8-15	.24	3	.52
25D	Fannin loam	15-25	.24	3	.52
25F	Fannin loam	25-50	.24	3	.52
32D	Hayesville	15-25	.20	5	1.05
98E	Porters stoney loam	10-25	.17	3	.74
98F	Porters stoney loam	25-70	.17	3	.74
28C	Porters loam	8-15	.28	3	.45
28D	Porters loam	15-25	.28	3	.45
28F	Porters loam	25-50	.28	3	.45
PRF	Porters soil & rock outcrop	25-70	.17	3	.74
99	Spivey stony loam	10-25	.17	5	1.20
20C	Sylco gravelly loam	8-15	.24	2	.35
20D	Sylco gravelly loam	15-25	.24	2	.35
12C	Tate loam	8-15	.24	5	.88
12D	Tate loam	15-25	.24	5	.88
10C	Tusquittee loam	8-15	.28	5	.75
10D	Tusquittee loam	15-25	.28	5	.75
95E	Tusquittee stoney loam	10-25	.17	5	1.20
95F	Tusquittee stoney loam	25-50	.17	5	1.20
TSE	Tusquittee & Spivey stoney	10-25	.17	5	1.20
TSF	Tusquittee & Spivey stoney	25-50	.17	5	1.20
26C	Watauga loam	8-15	.24	3	.52
26D	Watauga loam	15-25	.24	3	.52
26F	Watauga loam	25-50	.24	3	.52

B. Potentially Highly Erodible

24B	Brevard loam	2-8	.24	5	.87
24C	Brevard loam	8-15	.24	5	.87
55	Delanco 1	2-8	.32	4	.52
18	Elsinboro 1	2-8	.28	4	.60
37C(27C)	Evard fine sandy loam	8-15	.24	5	.87
97E(96E)	Evard stony fine sandy loam	10-25	.15	5	1.40
32C	Hayesville loam	8-15	.20	5	1.05
12B	Tate loam	2-8	.24	5	.70
10B	Tusquittee loam	2-8	.26	5	.60
26B	Watauga loam	2-8	.24	3	.52

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