HIGHLY ERODIBLE LANDS
Watauga County, North Carolina

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
AcD	Ashe-Chestnut complex, 15 to 30 percent slopes, very rocky	15	30	2	.17	0.47	HEL
AcE	Ashe-Chestnut complex, 30 to 50 percent slopes, very rocky	30	50	2	.17	0.47	HEL
AcF	Ashe-Chestnut complex, 50 to 95 percent slopes, very rocky	50	95	2	.17	0.47	HEL
ArF	Ashe-Cleveland-Rock outcrop complex, 50 to 95 percent slopes, extremely bouldery	50	95	2	.17	0.47	HEL
BaE	Balsam very cobbly loam, windswept, 30 to 50 percent slopes, extremely bouldery	30	50	5	.05	4.00	HEL
BoD	Brownwood fine sandy loam, 15 to 30 percent slopes, stony	15	30	2	.32	0.25	HEL
BoE	Brownwood fine sandy loam, 30 to 50 percent slopes, stony	30	50	2	.32	0.25	HEL
BoF	Brownwood fine sandy loam, 50 to 80 percent slopes, stony	50	95	2	.32	0.25	HEL
BrF	Brownwood fine sandy loam, 50 to 95 percent slopes, very rocky	50	95	2	.32	0.25	HEL
BuD	Burton-Craggey-Rock outcrop complex, windswept, 15 to 30 percent slopes	15	30	2	.24	0.33	HEL
BuF	Burton-Craggey-Rock outcrop complex, windswept, 30 to 95 percent slopes	30	95	2	.24	0.33	HEL
BwC	Burton-Wayah complex, windswept, 8 to 15 percent slopes, stony	8	15	2	.15	0.53	HEL
BwD	Burton-Wayah complex, windswept, 15 to 30 percent slopes, stony	15	30	2	.15	0.53	HEL
BwE	Burton-Wayah complex, windswept, 30 to 50 percent slopes, stony	30	50	2	.15	0.53	HEL
CaC	Cashiers loam, 8 to 15 percent slopes, stony	8	15	4	.32	0.50	HEL
CaD	Cashiers loam, 15 to 30 percent slopes, stony	15	30	4	.32	0.50	HEL
CaE	Cashiers loam, 30 to 50 percent slopes, stony	30	50	4	.32	0.50	HEL
CdE	Chandler fine sandy loam, 30 to 50 percent slopes	30	50	3	.32	0.38	HEL
ChF	Chestnut-Ashe complex, 50 to 95 percent slopes, very stony	50	95	2	.17	0.47	HEL
CkD	Chestnut-Edneyville complex, 15 to 30 percent slopes, stony	15	30	2	.24	0.33	HEL
CkE	Chestnut-Edneyville complex, 30 to 50 percent slopes, stony	30	50	2	.24	0.33	HEL
CmF	Clingman-Craggey-Rock outcrop complex, windswept, 15 to 95 percent slopes, extremely bouldery	15	95				HEL
CoD	Cowee-Saluda complex, 15 to 30 percent slopes, stony	15	30	2	.20	0.40	HEL

CoE	Cowee-Saluda complex, 30 to 50 percent slopes, stony	30	50	2	.20	0.40	HEL
CoF	Cowee-Saluda complex, 50 to 80 percent slopes, stony	50	80	2	.20	0.40	HEL
CrC	Cullasaja cobbly loam, 8 to 15 percent slopes, extremely bouldery	8	15	5	.10	2.00	HEL
CrD	Cullasaja cobbly loam, 15 to 30 percent slopes, extremely bouldery	15	30	5	.10	2.00	HEL
CrE	Cullasaja cobbly loam, 30 to 50 percent slopes, extremely bouldery	30	50	5	.10	2.00	HEL
CsE	Cullasaja very cobbly loam, 30 to 50 percent slopes, very stony	30	50	5	.05	4.00	HEL
CtE	Cullasaja very cobbly loam, 30 to 50 percent slopes, extremely bouldery	30	50	5	.05	4.00	HEL
DuF	Ditney-Unicoi complex, 50 to 95 percent slopes, very rocky	50	95	2	.24	0.33	HEL
EdC	Edneytown loam, 8 to 15 percent slopes	8	15	3	.20	0.60	HEL
EdD	Edneytown loam, 15 to 30 percent slopes	15	30	3	.20	0.60	HEL
EdE	Edneytown loam, 30 to 50 percent slopes	30	50	3	.20	0.60	HEL
EvC	Evard-Cowee complex, 8 to 15 percent slopes, stony	8	15	5	.28	0.71	HEL
EvD	Evard-Cowee complex, 15 to 30 percent slopes, stony	15	30	5	.28	0.71	HEL
EvE	Evard-Cowee complex, 30 to 50 percent slopes, stony	30	50	5	.28	0.71	HEL
FaD	Fannin loam, 15 to 30 percent slopes, stony	15	30	3	.32	0.38	HEL
FaE	Fannin loam, 30 to 50 percent slopes, stony	30	50	3	.32	0.38	HEL
JfD	Jeffrey cobbly loam, 15 to 30 percent slopes, very stony	15	30	2	.17	0.47	HEL
JfE	Jeffrey cobbly loam, 30 to 50 percent slopes, very stony	30	50	2	.17	0.47	HEL
KnC	Keener loam, 8 to 15 percent slopes, stony	8	15	5	.24	0.83	HEL
KnD	Keener loam, 15 to 30 percent slopes, stony	15	30	5	.24	0.83	HEL
NoD	Northcove very cobbly loam, 15 to 30 percent slopes, very stony	15	30	5	.10	2.00	HEL
NxE	Northcove very cobbly loam, 30 to 50 percent slopes, extremely bouldery	30	50	5	.10	2.00	HEL
PuC	Porters loam, 8 to 15 percent slopes, stony	8	15	3	.28	0.43	HEL
PuD	Porters loam, 15 to 30 percent slopes, stony	15	30	3	.28	0.43	HEL
PuE	Porters loam, 30 to 50 percent slopes, stony	30	50	3	.28	0.43	HEL
PuF	Porters loam, 50 to 95 percent slopes, stony	50	95	3	.28	0.43	HEL
SkD	Saunook cobbly loam, 15 to 30 percent slopes	15	30	5	.15	1.33	HEL
SnC	Saunook loam, 8 to 15 percent slopes	8	15	5	.24	0.83	HEL
SnD	Saunook loam, 15 to 30 percent slopes	15	30	5	.24	0.83	HEL
SoC	Saunook loam, 8 to 15 percent slopes, very stony	8	15	5	.24	0.83	HEL
SoD	Saunook loam, 15 to 30 percent slopes, very stony	15	30	5	.24	0.83	HEL
SoE	Saunook loam, 30 to 50 percent slopes, very stony	30	50	5	.24	0.83	HEL
SxD	Soco loam, 15 to 30 percent slopes, stony	15	30	2	.28	0.29	HEL
SxE	Soco loam, 30 to 50 percent slopes, stony	30	50	2	.28	0.29	HEL

UkC	Unaka-Porters complex, 8 to 15 percent slopes, very rocky	8	15	2	.17	0.47	HEL
UkD	Unaka-Porters complex, 15 to 30 percent slopes, very rocky	15	30	2	.17	0.47	HEL
UkE	Unaka-Porters complex, 30 to 50 percent slopes, very rocky	30	50	2	.17	0.47	HEL
UkF	Unaka-Porters complex, 50 to 95 percent slopes, very rocky	50	95	2	.17	0.47	HEL
UnF	Unaka-Rock outcrop complex, 50 to 95 percent slopes	50	95	2	.17	0.47	HEL
WaD	Watauga loam, 15 to 30 percent slopes	15	30	3	.24	0.50	HEL
BaC	Balsam very cobbly loam, windswept, 8 to 15 percent slopes, extremely bouldery	6	15	5	.05	4.00	PHEL
BaD	Balsam very cobbly loam, windswept, 15 to 30 percent slopes, extremely bouldery	15	30	5	.05	4.00	PHEL
CsC	Cullasaja very cobbly loam, 8 to 15 percent slopes, very stony	8	15	5	.05	4.00	PHEL
CsD	Cullasaja very cobbly loam, 15 to 30 percent slopes, very stony	15	30	5	.05	4.00	PHEL
CtC	Cullasaja very cobbly loam, 8 to 15 percent slopes, extremely bouldery	8	15	5	.05	4.00	PHEL
CtD	Cullasaja very cobbly loam, 15 to 30 percent slopes, extremely bouldery	15	30	5	.05	4.00	PHEL
SkC	Saunook cobbly loam, 8 to 15 percent slopes	8	15	5	.15	1.33	PHEL
SnB	Saunook loam, 2 to 8 percent slopes	2	8	5	.24	0.83	PHEL
SwC	Saunook-Nikwasi complex, 2 to 15 percent slopes	2	15	5	.24	0.83	PHEL
WaC	Watauga loam, 8 to 15 percent slopes	8	15	3	.24	0.50	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

U.S. DEPARTMENT OF AGRICULTURE
Soil Conservation Service
North Carolina

Technical Guide
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HIGHLY ERODIBLE LANDS
Watauga County, North Carolina

Map Unit Symbol	Map Unit Name	Slope %	"K"	"T"	1/ LS=8T/RK
A. Highly Erodible					
Aa	Ashe loam	30-60	.24	2	.33
Ab	Ashe loam	30-60	.24	2	.33
Ac	Ashe stony loam	15-30	.17	2	.47
Ad	Ashe stony loam	30-60	.17	2	.47
Ae	Ashe stony loam	15-30	.17	2	.47
Af	Ashe stony loam	30-60	.17	2	.47
Ag	Ashe stony loam	60+	.17	2	.47
Bb	Burton stony loam	15-30	.15	2	.53
Ca	Chandler loam	30-60	.32	3	.38
Cb	Chandler loam	30-60	.32	3	.38
Cc	Chandler stony loam	30-60	.17	3	.71
Cd	Chandler stony loam	30-60	.17	3	.71
Ce	Chandler stony loam	30-60	.17	3	.71
Cf	Chandler stony loam	30-60	.17	3	.71
Ck	Clifton clay loam	15-30	.17	4	.94
Cl	Clifton clay loam	30-45	.17	4	.94
Cm	Clifton stony loam	15-30	.17	4	.94
Cn	Clifton stony loam	30-45	.17	4	.94
Co	Clifton stonyu loam	15-30	.17	4	.94
Cr	Clifton stony loam	30-45	.17	4	.94
Ha	Evard loam	15-30	.28	5	.71

Hb	Evard loam	30-60	.28	5	.71
Hc	Evard loam	15-30	.28	5	.71
He	Evard loam	30-60	.28	5	.71
Hf	Evard stony loam	15-30	.15	5	1.33
Hg	Evard stony loam	30-60	.15	5	1.33
Hh	Evard stony loam	15-30	.15	5	1.33
Hk	Evard stony loam	30-60	.15	5	1.33
Hl	Hayesville loam	15-30	.20	5	1.0
Hm	Evard loam	30-60	.28	5	.71
Hn	Hayesville loam	15-30	.20	5	1.0
Ho	Evard stony loam	30-60	.15	5	1.33
Ma	Edneyville loam	15-30	.28	4	.57
Mb	Edneyville loam	15-30	.28	4	.57
Md	Edneyville stony loam	15-30	.17	5	1.17
Me	Edneyville stony loam	15-30	.17	5	1.17
Pa	Edneyville loam	15-30	.28	4	.57
Pb	Edneyville loam	15-30	.28	4	.57
Pe	Edneyville stony loam	15-30	.17	5	1.17
Pg	Porters loam	15-30	.28	3	.52
Ph	Porters loam	30-60	.28	3	.52
Pk	Porters loam	15-30	.28	3	.52
Pl	Porters loam	30-60	.28	3	.52
Pm	Porters stony loam	15-30	.17	3	.71
Pn	Porters stony loam	30-60	.17	3	.71
Po	Porters stony loam	30-60	.17	3	.71
Pp	Porters stony loam	15-30	.17	3	.71
Pr	Porters stony loam	30-60	.17	3	.71

Ps	Porters stony loam	30-60	.17	3	.71
Ra	Ramsey stony loam	30-60	.17	1	.23
Rb	Ramsey stony loam	30-60	.17	1	.23
Rc	Ramsey stony loam	30-60	.17	1	.23
Sb	Spivey stony loam	10-25	.17	5	1.17
Sc	Cleveland stony loam	15-30	.17	1	.23
Sd	Cleveland stony loam	30-60	.17	1	.23
Ta	Tate loam	15-30	.24	5	.83
Td	Tate stony loam	15-30	.17	5	1.17
Tg	Tusquitee loam	15-30	.28	5	.71
Tl	Tusquitee stony loam	15-30	.17	5	1.17
Tm	Tusquitee stony loam	15-30	.17	5	1.17
Wa	Watauga loam	15-30	.24	3	.5
Wc	Watauga loam	15-30	.24	3	.5
Wf	Watauga stony loam	15-30	.17	3	.7
Wg	Watauga stony loam	15-30	.17	3	.7

B. Potentially Highly Erodible Lands

Cp	Clifton stony loam	7-15	.17	4	.94
Hd	Evard loam	7-15	.28	5	.71
Mc	Edneyville loam	7-15	.28	4	.57
Pc	Edneyville loam	7-15	.28	4	.57
Pd	Edneyville loam	2-7	.28	4	.57
Pf	Edneyville stony loam	7-15	.17	5	1.17
Tb	Tate loam	7-15	.24	5	.83
Tc	Tate loam	2-7	.24	5	.83
Te	Tate stony loam	7-15	.17	5	1.17

Th	Tusquitee loam	7-15	.28	5	.71
Tn	Tusquitee stony loam	7-15	.17	5	1.17
Wb	Watauga loam	7-15	.24	3	.5
Wd	Watauga loam	7-15	.24	3	.5
Wh	Watauga stony loam	7-15	.17	3	.7

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