HIGHLY ERODIBLE LANDS
Madison County, North Carolina

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
AcD	Ashe-Cleveland-Rock outcrop complex, 15 to 30 percent slopes, very stony	15	30	2	.24	0.39	HEL
ArE	Ashe-Cleveland-Rock outcrop complex, 30 to 50 percent slopes, very bouldery	30	50	2	.24	0.39	HEL
ArF	Ashe-Cleveland-Rock outcrop complex, 50 to 95 percent slopes, very bouldery	50	95	2	.24	0.39	HEL
BkC2	Braddock clay loam, 8 to 15 percent slopes, moderately eroded	8	15	3	.32	0.44	HEL
BkD2	Braddock clay loam, 15 to 30 percent slopes, moderately eroded	15	30	3	.32	0.44	HEL
BnD	Buladean-Chestnut complex, 15 to 30 percent slopes, stony	15	30	3	.20	0.71	HEL
BnE	Buladean-Chestnut complex, 30 to 50 percent slopes, stony	30	50	3	.20	0.71	HEL
BnF	Buladean-Chestnut complex, 50 to 95 percent slopes, stony	50	95	3	.20	0.71	HEL
CaD	Calvin channery silt loam, 15 to 30 percent slopes	15	30	3	.20	0.71	HEL
CaE	Calvin channery silt loam, 30 to 50 percent slopes	30	50	3	.20	0.71	HEL
CaF	Calvin channery silt loam, 50 to 95 percent slopes	50	95	3	.20	0.71	HEL
CfF	Cataska-Sylco-Rock outcrop complex, 50 to 95 percent slopes, very stony	50	95	1	.20	0.24	HEL
ChD	Cheoah-Jeffrey complex, 15 to 30 percent slopes, stony	15	30	3	.28	0.50	HEL
ChE	Cheoah-Jeffrey complex, 30 to 50 percent slopes, stony	30	50	3	.28	0.50	HEL
ChF	Cheoah-Jeffrey complex, 50 to 95 percent slopes, stony	50	95	3	.28	0.50	HEL
CsD	Chestoa sandy loam, 15 to 30 percent slopes	15	30	2	.17	0.55	HEL
CsE	Chestoa sandy loam, 30 to 50 percent slopes	30	50	2	.17	0.55	HEL
CsF	Chestoa sandy loam, 50 to 95 percent slopes	50	95	2	.17	0.55	HEL
CtD2	Clifton clay loam, 15 to 30 percent slopes, moderately eroded	15	30	4	.17	1.11	HEL
CtE2	Clifton clay loam, 30 to 50 percent slopes, moderately eroded	30	50	4	.17	1.11	HEL
DtD	Ditney-Unicoi complex, 15 to 30 percent slopes, very stony	15	30	2	.24	0.39	HEL
DuE	Ditney-Unicoi complex, 30 to 50 percent slopes, very rocky	30	50	2	.24	0.39	HEL
DuF	Ditney-Unicoi complex, 50 to 95 percent slopes, very rocky	50	95	2	.24	0.39	HEL
EdD	Edneyville-Chestnut complex, 15 to 30 percent slopes, stony	15	30	4	.24	0.78	HEL
EdE	Edneyville-Chestnut complex, 30 to 50 percent slopes, stony	30	50	4	.24	0.78	HEL

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
EdF	Edneyville-Chestnut complex, 50 to 95 percent slopes, stony	50	95	4	.24	0.78	HEL
EvD2	Evard-Cowee complex, 15 to 30 percent slopes, moderately eroded	15	30	5	.24	0.98	HEL
EvE2	Evard-Cowee complex, 30 to 50 percent slopes, moderately eroded	30	50	5	.24	0.98	HEL
EvF2	Evard-Cowee complex, 50 to 95 percent slopes, moderately eroded	50	95	5	.24	0.98	HEL
EwD	Evard-Cowee complex, 15 to 30 percent slopes, stony	15	30	5	.28	0.84	HEL
EwE	Evard-Cowee complex, 30 to 50 percent slopes, stony	30	50	5	.28	0.84	HEL
EwF	Evard-Cowee complex, 50 to 95 percent slopes, stony	50	95	5	.28	0.84	HEL
FnD2	Fannin sandy clay loam, 15 to 30 percent slopes, moderately eroded	15	30	3	.28	0.50	HEL
HcE	Heintooga-Chiltoskie complex, 30 to 50 percent slopes, very stony	30	50	5	.05	4.71	HEL
JbD	Junaluska-Brasstown complex, 15 to 30 percent slopes	15	30	2	.28	0.34	HEL
JbE	Junaluska-Brasstown complex, 30 to 50 percent slopes	30	50	2	.28	0.34	HEL
JbF	Junaluska-Brasstown complex, 50 to 95 percent slopes	50	95	2	.28	0.34	HEL
KnC	Keener loam, 8 to 15 percent slopes, stony	8	15	5	.24	0.98	HEL
MwC	Mars Hill-Walnut complex, 8 to 15 percent slopes, stony	8	15	4	.24	0.78	HEL
MwD	Mars Hill-Walnut complex, 15 to 30 percent slopes, stony	15	30	4	.24	0.78	HEL
MwE	Mars Hill-Walnut complex, 30 to 50 percent slopes, stony	30	50	4	.24	0.78	HEL
MwF	Mars Hill-Walnut complex, 50 to 95 percent slopes, stony	50	95	4	.24	0.78	HEL
NhC	Northcove-Maymead complex, 8 to 15 percent slopes, stony	8	15	5	.10	2.35	HEL
NtD	Northcove-Maymead complex, 15 to 30 percent slopes, very stony	15	30	5	.10	2.35	HEL
NtE	Northcove-Maymead complex, 30 to 50 percent slopes, very stony	30	50	5	.10	2.35	HEL
OwC	Oconaluftee-Guyot-Cataloochee complex, windswept, 8 to 15 percent slopes, bouldery	8	15	3	.15	0.94	HEL
OwD	Oconaluftee-Guyot-Cataloochee complex, windswept, 15 to 30 percent slopes, bouldery	15	30	3	.15	0.94	HEL
OwE	Oconaluftee-Guyot-Cataloochee complex, windswept, 30 to 50 percent slopes, bouldery	30	50	3	.15	0.94	HEL
OwF	Oconaluftee-Guyot-Cataloochee complex, windswept, 50 to 95 percent slopes, bouldery	50	95	3	.15	0.94	HEL
PwC	Porters-Unaka complex, 8 to 15 percent slopes, stony	8	15	3	.28	0.50	HEL
PwD	Porters-Unaka complex, 15 to 30 percent slopes, stony	15	30	3	.28	0.50	HEL

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
PwE	Porters-Unaka complex, 30 to 50 percent slopes, stony	30	50	3	.28	0.50	HEL
PxF	Porters-Unaka complex, 50 to 95 percent slopes, rocky	50	95	3	.28	0.50	HEL
RcF	Rock outcrop-Cataska complex, 30 to 95 percent slopes, very stony	30	95	1	.15	0.31	HEL
RhD	Rock outcrop-Chestoa complex, 8 to 30 percent slopes, very bouldery	8	30	2	.17	0.55	HEL
RhF	Rock outcrop-Chestoa complex, 30 to 95 percent slopes, very bouldery	30	95	2	.17	0.55	HEL
RkF	Rock outcrop-Cleveland complex, 30 to 95 percent slopes, very bouldery	30	95	1	.24	0.20	HEL
RoF	Rock outcrop-Oteen complex, 30 to 95 percent slopes, very bouldery	30	95	1	.24	0.20	HEL
RpF	Rock outcrop-Unicoi complex, 30 to 95 percent slopes, very bouldery	30	95	1	.20	0.24	HEL
SoD	Soco-Stecoah complex, 15 to 30 percent slopes, stony	15	30	2	.28	0.34	HEL
SoE	Soco-Stecoah complex, 30 to 50 percent slopes, stony	30	50	2	.28	0.34	HEL
SoF	Soco-Stecoah complex, 50 to 95 percent slopes, stony	50	95	2	.28	0.34	HEL
SwD	Sylco-Cataska-Complex, 15 to 30 percent slopes, very rocky	15	30	2	.20	0.47	HEL
SwE	Sylco-Cataska complex, 30 to 50 percent slopes, very rocky	30	50	2	.20	0.47	HEL
SyD	Sylco-Soco complex, 15 to 30 percent slopes, stony	15	30	2	.24	0.39	HEL
SyE	Sylco-Soco complex, 30 to 50 percent slopes, stony	30	50	2	.24	0.39	HEL
SzF	Sylco-Soco complex, 50 to 95 percent slopes, very stony	50	95	2	.24	0.39	HEL
TaC	Tate loam, 8 to 15 percent slopes	8	15	5	.24	0.98	HEL
TaD	Tate loam, 15 to 30 percent slopes	15	30	5	.24	0.98	HEL
TkC	Tate loam, 8 to 15 percent slopes, very stony	8	15	5	.24	0.98	HEL
TkD	Tate loam, 15 to 30 percent slopes, very stony	15	30	5	.24	0.98	HEL
ToD	Toecane very cobbly loam, 15 to 30 percent slopes, extremely bouldery	15	30	5	.05	4.71	HEL
ToE	Toecane very cobbly loam, 30 to 50 percent slopes, extremely bouldery	30	50	5	.05	4.71	HEL
TsD	Toecane-Tusquitee complex, 15 to 30 percent slopes, very bouldery	15	30	5	.10	2.35	HEL
TsE	Toecane-Tusquitee complex, 30 to 50 percent slopes, very bouldery	30	50	5	.10	2.35	HEL
TuD	Tusquitee-Toecane complex, 15 to 30 percent slopes, stony	15	30	5	.20	1.18	HEL
TwC	Tusquitee-Whiteside complex, 8 to 15 percent slopes	8	15	5	.28	0.84	HEL
UkE	Unaka-Rock outcrop complex, 30 to 50 percent slopes, very bouldery	30	50	2	.17	0.55	HEL
UkF	Unaka-Rock outcrop complex, 50 to 95 percent slopes, very bouldery	50	95	2	.17	0.55	HEL

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
UrD	Unicoi-Rock outcrop complex, 8 to 30 percent slopes, very bouldery	8	30	1	.20	0.24	HEL
UsC	Unison loam, 8 to 15 percent slopes	8	15	4	.32	0.59	HEL
UsD	Unison loam, 15 to 30 percent slopes	15	30	4	.32	0.59	HEL
WaC2	Walnut-Oteen-Mars Hill complex, 8 to 15 percent slopes, moderately eroded	8	15	2	.24	0.39	HEL
WaD2	Walnut-Oteen-Mars Hill complex, 15 to 30 percent slopes, moderately eroded	15	30	2	.24	0.39	HEL
WaE2	Walnut-Oteen-Mars Hill complex, 30 to 50 percent slopes, moderately eroded	30	50	2	.24	0.39	HEL
WoF	Walnut-Oteen-Rock outcrop complex, 50 to 95 percent slopes	50	95	2	.24	0.39	HEL
WrC	Wayah-Burton complex, windswept, 8 to 15 percent slopes, bouldery	8	15	3	.24	0.59	HEL
WrD	Wayah-Burton complex, windswept, 15 to 30 percent slopes, bouldery	15	30	3	.24	0.59	HEL
WrE	Wayah-Burton complex, windswept, 30 to 50 percent slopes, bouldery	30	50	3	.24	0.59	HEL
WsF	Wayah-Burton complex, windswept, 50 to 95 percent slopes, very rocky	50	95	3	.24	0.59	HEL
BkB2	Braddock clay loam, 2 to 8 percent slopes, moderately eroded	2	8	3	.32	0.44	PHEL
CtB2	Clifton clay loam, 2 to 8 percent slopes, moderately eroded	2	8	4	.17	1.11	PHEL
CtC2	Clifton clay loam, 8 to 15 percent slopes, moderately eroded	8	15	4	.17	1.11	PHEL
CxC	Clifton-Urban land complex, 2 to 15 percent slopes	2	15	4	.17	1.11	PHEL
DrB	Dillard loam, 1 to 5 percent slopes, rarely flooded	1	5	4	.32	0.59	PHEL
MyB	Maymead-Northcove complex, 2 to 8 percent slopes, stony	2	8	5	.24	0.98	PHEL
StB	Statler loam, 1 to 5 percent slopes, rarely flooded	1	5	5	.32	0.74	PHEL
TaB	Tate loam, 2 to 8 percent slopes	2	8	5	.24	0.98	PHEL
TmC	Tate-Urban land complex, 2 to 15 percent slopes	2	15	5	.24	0.98	PHEL
TrC	Toecane-Tusquitee complex, 8 to 15 percent slopes, bouldery	8	15	5	.10	2.35	PHEL
TwB	Tusquitee-Whiteside complex, 2 to 8 percent slopes	2	8	5	.28	0.84	PHEL
UsB	Unison loam, 2 to 8 percent slopes	2	8	4	.32	0.59	PHEL
WtB	Whiteside loam, 2 to 8 percent slopes	2	8	5	.24	0.98	PHEL

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

United States
Department of
Agriculture
Soil Conservation Service
North Carolina

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Technical Guide
Section II-A-1

HIGHLY ERODIBLE LANDS
Madison County, North Carolina

Map Unit Symbol	Map Unit Name	Slope %	"K"	"T"	LS EI=8
A. Highly Erodible					Min.
AR	Ashe/Cleveland	10-40	.24	2	.39
244C	Braddock	8-15	.32	4	.59
171E	Brevard/Tate Loam	10-30	.24	4	.78
BP	Burton/Porters	10-30	.24	2	.39
73	Calvin Shaly Loam	8-30	.24	2	.39
CF	Chandler/Fannin	30-50	.15	2	.62
3	Citico/Beddington	15-40	.24	4	.78
OR	Cleveland/Unicoi	10-40	.17	2	.55
CR	Craggey Soil/Rock	40-100	.15	2	.62
71E	Ditney Soils	8-30	.17	2	.55
DT	Ditney Cataska	30-60	.17	2	.55
(9) DU	Ditney/Sylco/Unicoi	40-80	.17	2	.55
393E	Edneyville Loam	15-30	.24	4	.78
EP	Edneyville/Porters	30-60	.24	3	.59
508C	Enon Loam	8-15	.24	2	.39
508E	Enon Loam	15-30	.24	2	.39
513E	Evard Loam	15-30	.15	5	1.56
513U	Evard Porters Urban	15-30	.24	3	.59
ES	Evard Saluda Loams	30-50	.20	2	.47
(721E) 351E	Fannin Loam	15-30	.24	3	.59
322E	Fletcher Loam	15-30	.24	3	.59
322E	Fletcher Silt Loam	15-30	.43	3	.33
(301E) 313E	Hayesville Loam	15-30	.20	5	1.17
2	Jeffrey Loam	10-30	.17	2	.55
MB	Monongahela/Braddock	30-50	.43	3	.59
63	Oteen/Hayesville	10-40	.28	3	.50
371E	Porters	15-30	.24	3	.59
PR	Porters/Jeffrey	30-60	.17	2	.55
783E	Saluda	15-30	.20	2	.47
SR	Saluda	40-90	.20	2	.47
821	Sequoia/Sylco	15-30	.37	3	.38
1	Stecoah/Ditney/Sylco	10-30	.17	2	.55
10	Stecoah/Ditney/Sylco	30-60	.17	2	.55
SC	Sylco/Ditney	30-50	.20	3	.71
732E	Talladega	30-60	.20	3	.71
801	Tusquitee/Tate/Brev	10-30	.24	4	.78
TT	Tusquitee/Spivey/Hay	30-70	.24	4	.78
8	Unicoi/Cataska	70-100	.20	1	.24

B. Potentially Highly Erodible

244B	Braddock Loam	2-8	.32	4	.58
111U	Braddock/Dyke/Urb	2-15	.32	4	.58
7	Braddock Shouns	2-8	.32	4	.58
6	Braddock/Sylco	5-25	.24	4	.58
4	Citico Loam	6-25	.24	4	.78
340C	Cumberland Cly Loam	8-15	.37	5	.64
233B	Delanco Loam	2-8	.37	4	.51
393C	Edneyville Loam	8-15	.24	4	.78
313F	Fannin/Hayesville	2-15	.20	4	.94
351C	Fannin Loam	8-15	.24	3	.59
351U	Fannin/Urban	2-15	.20	4	.94
322C	Fletcher Silt Loam	8-15	.43	3	.33
450C	Hagerstown/Brad/Seq	8-30	.37	3	.41
(301C) 313C	Hayesville Loam	8-15	.32	5	.74
313U	Hayesville Urban	2-15	.20	5	1.18
17E	Monongahela/Brad	8-30	.43	3	.33
371C	Porters	8-15	.24	3	.59
80C	Sequoia/Sylco	8-15	.37	3	.38
5B	Shouns/Braddock	4-15	.32	5	1.18
5C	Shouns/Braddock	8-15	.32	5	1.18
8	Spivey	10-30	.17	4	1.11
121C	Tate/French	2-15	.24	4	.78
121U	Tate/French	2-15	.24	4	.78
101C	Tusquittee	8-15	.28	4	.97

C. Hydric Soils

(53) 72	Toxaway Silt Loam	0-2