

HIGHLY ERODIBLE LANDS  
 Burke County, North Carolina

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
AbE	Ashe-Chestnut-Buladean complex, 30 to 50 percent slopes, very stony	30	50	2	.17	0.38	HEL
AcF	Ashe-Chestnut-Buladean complex, 50 to 95 percent slopes, extremely stony	50	95	2	.17	0.38	HEL
AsF	Ashe-Cleveland-Rock outcrop complex, 30 to 95 percent slopes, extremely bouldery	30	95	2	.17	0.38	HEL
BrD	Braddock fine sandy loam, 15 to 30 percent slopes	15	25	4	.32	0.40	HEL
CeD	Chestnut-Ashe complex, 15 to 30 percent slopes, very rocky	15	30	2	.24	0.27	HEL
CeE	Chestnut-Ashe complex, 30 to 50 percent slopes, very rocky	30	50	2	.24	0.27	HEL
ChC	Chestnut-Buladean complex, 8 to 15 percent slopes, rocky	8	15	2	.24	0.27	HEL
ChD	Chestnut-Buladean complex, 15 to 30 percent slopes, rocky	15	30	2	.24	0.27	HEL
CkE	Chestnut-Buladean complex, 30 to 50 percent slopes, stony	30	50	2	.24	0.27	HEL
CkF	Chestnut-Buladean complex, 50 to 95 percent slopes, stony	50	95	2	.24	0.27	HEL
CpD	Clifffield-Pigeonroost complex, 15 to 30 percent slopes, very stony	15	30	2	.15	0.43	HEL
CpE	Clifffield-Pigeonroost complex, 30 to 50 percent slopes, very stony	30	50	2	.15	0.43	HEL
CpF	Clifffield-Pigeonroost complex, 50 to 80 percent slopes, very stony	50	80	2	.15	0.43	HEL
CyE	Crossnore-Jeffrey complex, 30 to 50 percent slopes, very stony	30	50	2	.17	0.38	HEL
CyF	Crossnore-Jeffrey complex, 50 to 80 percent slopes, very stony	50	80	2	.17	0.38	HEL
DrF	Ditney-Unicoi-Rock outcrop complex, 25 to 95 percent slopes	50	95	2	.17	0.38	HEL
EdC	Edneytown-Pigeonroost complex, 8 to 15 percent slopes, stony	8	15	3	.20	0.48	HEL
EdD	Edneytown-Pigeonroost complex, 15 to 30 percent slopes, stony	15	30	3	.20	0.48	HEL
EdE	Edneytown-Pigeonroost complex, 30 to 50 percent slopes, stony	30	50	3	.20	0.48	HEL
EuF	Evard-Cowee complex, 50 to 85 percent slopes, rocky	50	85	5	.24	0.67	HEL
EvC	Evard-Cowee complex, 8 to 15 percent slopes, stony	8	15	5	.28	0.57	HEL
EvD	Evard-Cowee complex, 15 to 30 percent slopes, stony	15	30	5	.28	0.57	HEL

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EvE	Evard-Cowee complex, 30 to 50 percent slopes, stony	30	50	5	.28	0.57	HEL
FaC2	Fairview sandy clay loam, 8 to 15 percent slopes, moderately eroded	8	15	2	.24	0.27	HEL
FaD2	Fairview sandy clay loam, 15 to 25 percent slopes, moderately eroded	15	25	2	.24	0.27	HEL
FeC	Fairview-Urban land complex, 8 to 15 percent slopes	8	15	2	.24	0.27	HEL
GcD	Greenlee very cobbly sandy loam, 15 to 30 percent slopes, extremely bouldery	15	30	5	.10	1.60	HEL
GrD	Greenlee-Tate complex, 15 to 30 percent slopes, extremely stony	15	30	5	.10	1.60	HEL
GrE	Greenlee-Tate complex, 30 to 50 percent slopes, extremely stony	30	50	5	.10	1.60	HEL
MaD	Maymead fine sandy loam, 10 to 25 percent slopes, very stony	10	25	5	.24	0.67	HEL
MeD	Meadowfield-Fairview complex, 15 to 25 percent slopes	15	25	2	.15	0.43	HEL
MoE	Meadowfield-Rhodhiss complex, 25 to 60 percent slopes, very stony	25	60	2	.15	0.43	HEL
MwC	Meadowfield-Woolwine complex, 8 to 15 percent slopes	8	15	2	.15	0.43	HEL
NnD	Northcove very cobbly loam, 15 to 30 percent slopes, rubbly	15	30	5	.10	1.60	HEL
NnE	Northcove very cobbly loam, 30 to 50 percent slopes, rubbly	30	50	5	.10	1.60	HEL
PaC2	Pacolet sandy clay loam, 8 to 15 percent slopes, moderately eroded	8	15	2	.24	0.27	HEL
PaD2	Pacolet sandy clay loam, 15 to 25 percent slopes, moderately eroded	15	25	2	.24	0.27	HEL
PnC	Pineola gravelly loam, 8 to 15 percent slopes, stony	8	15	3	0.15	0.64	HEL
PnD	Pineola gravelly loam, 15 to 30 percent slopes, stony	15	30	3	0.15	0.64	HEL
RhD	Rhodhiss sandy loam, 15 to 25 percent slopes	15	25	3	.24	0.40	HEL
RhE	Rhodhiss sandy loam, 25 to 45 percent slopes	25	45	3	.24	0.40	HEL
RoE	Rhodhiss-Bannertown complex, 25 to 50 percent slopes	25	50	3	.24	0.40	HEL
RsE	Rion-Cliffside complex, 25 to 60 percent slopes, very stony	25	60	3	.24	0.40	HEL
SoC	Soco-Ditney complex, 8 to 15 percent slopes, very stony	8	15	2	.15	0.43	HEL
SoD	Soco-Ditney complex, 15 to 30 percent slopes, very stony	15	30	2	.15	0.43	HEL
SoE	Soco-Ditney complex, 30 to 50 percent slopes, very stony	30	50	2	.15	0.43	HEL
SoF	Soco-Ditney complex, 50 to 80 percent slopes, very stony	50	95	2	.15	0.43	HEL
SsD	Stecoah-Soco complex, 15 to 30 percent slopes,	15	30	5	.15	1.07	HEL

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
	stony						
SsE	Stecoah-Soco complex, 30 to 50 percent slopes, stony	30	50	5	.15	1.07	HEL
TaC	Tate fine sandy loam, 8 to 15 percent slopes	8	15	5	.24	0.67	HEL
ToC	Toast sandy loam, 8 to 15 percent slopes	8	15	3	.24	0.40	HEL
UnC	Unison fine sandy loam, 8 to 15 percent slopes	8	15	4	.32	0.40	HEL
UnD	Unison fine sandy loam, 15 to 25 percent slopes	15	30	4	.32	0.40	HEL
WeC	Whiteoak fine sandy loam, 8 to 15 percent slopes, stony	8	15	4	.28	0.46	HEL
WhD	Whiteoak fine sandy loam, 15 to 30 percent slopes, very stony	15	30	4	.28	0.46	HEL
WoC2	Woolwine-Fairview complex, 8 to 15 percent slopes, moderately eroded	8	15	2	.15	0.43	HEL
WoD2	Woolwine-Fairview complex, 15 to 25 percent slopes, moderately eroded	15	25	2	.15	0.43	HEL
WwC	Woolwine-Fairview-Urban land complex, 8 to 15 percent slopes	8	15	2	.15	0.43	HEL
BaB	Banister loam, 1 to 6 percent slopes, rarely flooded	1	6	5	.37	0.43	PHEL
BvB	Brevard fine sandy loam, 1 to 6 percent slopes, rarely flooded	1	6	5	.15	1.07	PHEL
CaB2	Cecil sandy clay loam, 2 to 8 percent slopes, moderately eroded	2	8	3	.28	0.34	PHEL
DaB	Dillard fine sandy loam, 2 to 8 percent slopes, rarely flooded	2	8	4	.24	0.53	PHEL
FaB2	Fairview sandy clay loam, 2 to 8 percent slopes, moderately eroded	2	8	2	.24	0.27	PHEL
FeB	Fairview-Urban land complex, 2 to 8 percent slopes	2	8	2	.24	0.27	PHEL
GtC	Greenlee-Tate-Ostin complex, 1 to 15 percent slopes, extremely stony	8	15	5	.10	1.60	PHEL
PaB2	Pacolet sandy clay loam, 2 to 8 percent slopes, moderately eroded	2	8	2	.24	0.27	PHEL
SsC	Stecoah-Soco complex, 8 to 15 percent slopes, stony	8	15	5	.15	1.07	PHEL
TeB	Tate fine sandy loam, 2 to 8 percent slopes, very stony	2	8	5	.24	0.67	PHEL
ToB	Toast sandy loam, 2 to 8 percent slopes	2	8	3	.24	0.40	PHEL
UnB	Unison fine sandy loam, 2 to 8 percent slopes	2	8	4	.32	0.40	PHEL
WoB2	Woolwine-Fairview complex, 2 to 8 percent slopes, moderately eroded	2	8	2	.15	0.43	PHEL
WwB	Woolwine-Fairview-Urban land complex, 2 to 8 percent slopes	2	8	2	.15	0.43	PHEL

This list appends the attached Highly Erodible Lands List issued March 1987, and reflects the correlated and published map units.

HEL – Highly Erodible

PHEL – Potentially Highly Erodible

HIGHLY ERODIBLE LANDS  
BURKE COUNTY, NORTH CAROLINA

Map Unit Symbol	Map Unit Name	Slope %	"K"	"T"	LS EI=8
<u>A. Highly Erodible (Based on minimum slope length of 60')</u>					
10D	Tate loam	8-25	.24	4	.53
22C	Masada fine sandy loam	8-15	.32	4	.40
23C	Hiwassee loam	8-15	.28	5	.57
30C	Pacolet sandy loam	8-15	.20	3	.48
30C <sub>2</sub>	Pacolet clay loam	8-15	.24	2	.27
30D	Pacolet sandy loam	15-25	.20	3	.48
30D <sub>2</sub>	Pacolet clay loam	15-25	.24	2	.27
30F	Pacolet sandy loam	25-50	.20	3	.48
31C	Cecil sandy loam	8-15	.28	4	.46
31C <sub>2</sub>	Cecil clay loam	8-15	.28	4	.46
32C	Hayesville loam	8-15	.20	5	.80
33C	Madison sandy loam	8-15	.24	4	.53
33D	Madison sandy loam	15-25	.24	4	.53
34C	Edneyville fine sandy loam	8-15	.24	4	.53
30D	Edneyville fine sandy loam	15-25	.24	4	.53
35C	Wedowee sandy loam	8-15	.24	3	.40
35D	Wedowee sandy loam	15-25	.24	3	.40
36C	Appling sandy loam	8-15	.24	4	.53
37C	Evard fine sandy loam	8-15	.24	5	.67
37D	Evard fine sandy loam	15-25	.24	5	.67
37F	Evard fine sandy loam	25-50	.24	5	.67
38D	Rion sandy loam	15-25	.24	3	.40
38F	Rion sandy loam	25-60	.24	3	.40
60E	Louisburg loamy sand	10-25	.10	2	.64

60F	Louisburg loamy sand	25-50	.10	2	.64
70E	Ashe fine sandy loam	10-25	.24	2	.27
70F	Ashe fine sandy loam	25-70	.24	2	.27
72E	Chandler silt loam	10-25	.15	2	.43
72F	Chandler silt loam	25-70	.15	2	.43
77E	Saluda fine sandy loam	10-25	.20	2	.32
77F	Saluda fine sandy loam	25-70	.20	2	.32
90F	Ashe very rocky fine sandy loam	25-70	.15	2	.43
97E	Evard very rocky fine sandy loam	10-25	.15	5	.42
97F	Evard very rocky fine sandy loam	25-70	.15	5	.42
66C	Hibriten cobbly sandy loam	8-15	.10	2	.64
66F	Hibriten cobbly sandy loam	15-60	.10	2	.64

POTENTIALLY HIGHLY ERODIBLE LANDS  
BURKE COUNTY, NORTH CAROLINA

Map Unit Symbol	Map Unit Name	Slope %	"K"	"T"	LS EI=8
A. <u>Potentially Highly Erodible (Based on minimum slope length of 60')</u>					
22B	Masada fine sandy loam	2-8	.32	4	.40
23B	Hiwassee loam	2-8	.28	5	.57
31B	Cecil sandy loam	2-8	.28	4	.46
31B <sub>2</sub>	Cecil clay loam	2-8	.28	4	.46
36B	Appling sandy loam	2-8	.24	4	.53
37B	Evard fine sandy loam	2-8	.24	5	.67
54B	Altavista fine sandy loam	2-8	.24	5	.66

The foregoing lists of highly erodible, potentially highly erodible,  
and hydric soil mapping units in Burke County were prepared by

Billy L. Foutz, District Conservationist,  
(Signature)

Morganton, North Carolina on March 3, 1987 and reviewed and approved

by Roy L. Mathis, Jr., Soil Scientist, Wilkesboro,  
(signature)

North Carolina on March 3, 1987.