Highly Erodible Map Units For Carroll County, NH Page 1

Sym	Series	Slope	T	K	SLS*	SLL*	LSL*	LSH*	HELLS*	HEL*
AcB	Acton	0-8	3	.20	75	100	0.000	1.000	1.143	No
AdB	Acton	0-8	3	.17	50	100	0.000	1.000	1.345	No
AdC	Acton	8-15	3	.17	50	300	0.701	4.500	1.345	Maybe
AmA	Adams	0-3	5	.17	100	300	0.000	0.400	2.241	No
AmB	Adams	3-8	5	.17	100	300	0.287	1.720	2.241	No
AmC	Adams	8-15	5	.17	100	300	0.992	4.500	2.241	Maybe
AmE	Adams	15-60	5	.17	100	300	2.550	35.000	2.241	Yes
AW	Alluvial land wet	0-2	***	***	***	***	***	***	***	No
BcB	Becket	3-8	3	.17	100	300	0.287	1.720	1.345	Maybe
BcC	Becket	8-15	3	.17	100	300	0.992	4.500	1.345	Maybe
BcD	Becket	15-25	3	.17	100	300	2.550	9.000	1.345	Yes
BcE	Becket	25-35	3	.17	100	300	6.000	18.000	1.345	Yes
BEE	Becket	15-35	3	.17	100	300	2.550	18.000	1.345	Yes
BKC	Becket-Skerry	0-15	3	.20	75	500	0.000	5.700	1.143	Maybe
BsB	Berkshire	3-8	3	.20	75	500	0.264	2.220	1.143	Maybe
BsC	Berkshire	8-15	3	.20	75	500	0.859	5.700	1.143	Maybe
BsD	Berkshire	15-25	3	.20	75	500	2.250	30.000	1.143	Yes
BsE	Berkshire	25-35	3	.20	75	500	5.000	30.000	1.143	Yes
BtD	Berkshire	8-25	3	.20	75	500	0.859	13.000	1.143	Maybe
BVC	Berkshire	0-15	3	.20	75	500	0.000	5.700	1.143	Maybe
BVE	Berkshire	15-35	3	.20	75	500	2.250	30.000	1.143	Yes
BVF	Berkshire	25-60	3	.20	75	500	5.000	45.000	1.143	Yes
CDC	Canaan-Redstone	0-15	2	.20	50	300	0.000	4.500	0.762	Maybe
CDE	Canaan-Redstone	15-35	2	.20	50	300	1.800	18.000	0.762	Yes
CEE	Canaan-Redstone-R.O.	15-35	2	.20	50	300	1.800	18.000	0.762	Yes
CEF	Canaan-Redstone-R.O.	35-60	2	.20	50	300	7.000	35.000	0.762	Yes
CfB	Charlton	3-8	3	.24	100	300	0.287	1.720	0.952	Maybe
CIB	Charlton	3-8	3	.20	75	500	0.264	2.220	1.143	Maybe
CIC	Charlton	8-15	3	.20	75	500	0.859	5.700	1.143	Maybe
CID	Charlton	15-25	3	.20	75	500	2.250	30.000	1.143	Yes
CM	Chocorua	0-1	***	***	***	***	***	***	***	No
CnA	Colton	0-3	3	.17	50	300	0.000	0.400	1.345	No
CnB	Colton	3-8	3	.17	50	300	0.233	1.720	1.345	Maybe
CnC	Colton	8-15	3	.17	50	300	0.701	4.500	1.345	Maybe
CnE	Colton	15-60	3	.17	50	300	1.800	35.000	1.345	Yes
CyA	Croghan	0-3	5	.17	100	300	0.000	0.400	2.241	No
CyB	Croghan	3-8	5	.17	100	300	0.287	1.720	2.241	No
DeA	Deerfield	0-3	5	.17	100	300	0.000	0.400	2.241	No
DeB	Deerfield	3-8	5	.17	100	300	0.287	1.720	2.241	No
DnA	Duane	0-3	3	.17	50	300	0.000	0.400	1.345	No
DnB	Duane	3-8	3	.17	50	300	0.233	1.720	1.345	Maybe
FA	Fresh water marsh	0-1	***	***	***	***	***	***	***	No
GlB	Gloucester	3-8	3	.24	100	300	0.287	1.720	0.952	Maybe

* EXPLANATIONS OF COLUMN HEADINGS ARE ON THE LAST PAGE

Sym	Series	Slope	T	K	SLS*	SLL*	LSL*	LSH*	HELLS*	HEL*
GlC	Gloucester	8-15	3	.24	100	300	0.992	4.500	0.952	Yes
GP	Gravel pits	0-8	***	***	***	***	***	***	***	No
GsB	Gloucester	3-8	3	.17	50	300	0.233	1.720	1.345	Maybe
GsC	Gloucester	8-15	3	.17	50	300	0.701	4.500	1.345	Maybe
GsD	Gloucester	15-25	3	.17	50	300	1.800	9.000	1.345	Yes
GtD	Gloucester	8-25	3	.17	50	300	0.701	9.000	1.345	Maybe
GtE	Gloucester	25-60	3	.17	50	300	4.200	35.000	1.345	Yes
GW	Greenwood	0-1	***	***	***	***	***	***	***	No
Ha	Hadley	0-3	5	.49	100	300	0.000	0.400	0.777	No
HfB	Hermon	3-8	3	.17	50	300	0.233	1.720	1.345	Maybe
HfC	Hermon	8-15	3	.17	50	300	0.701	4.500	1.345	Maybe
HmB	Hermon	3-8	3	.10	50	300	0.233	1.720	2.286	No
HmC	Hermon	8-15	3	.10	50	300	0.701	4.500	2.286	Maybe
HmD	Hermon	15-25	3	.10	50	300	1.800	9.000	2.286	Maybe
HmE	Hermon	25-60	3	.10	50	300	4.200	35.000	2.286	Yes
HnD	Hermon	8-25	3	.10	50	300	0.701	9.000	2.286	Maybe
HnE	Hermon	25-60	3	.10	50	300	4.200	35.000	2.286	Yes
HOC	Hermon	0-15	3	.10	50	300	0.000	4.500	2.286	Maybe
HOE	Hermon	15-35	3	.10	50	300	1.800	18.000	2.286	Maybe
HOF	Hermon	35-60	3	.10	50	300	7.000	35.000	2.286	Yes
HsA	Hinckley	0-3	3	.17	50	300	0.000	0.400	1.345	No
HsB	Hinckley	3-8	3	.17	50	300	0.233	1.720	1.345	Maybe
HsC	Hinckley	8-15	3	.17	50	300	0.701	4.500	1.345	Maybe
HsE	Hinckley	15-60	3	.17	50	300	1.800	35.000	1.345	Yes
HtB	Hollis-Charlton	3-8	1	.24	50	300	0.233	1.720	0.317	Maybe
HtC	Hollis-Charlton	8-15	1	.24	50	300	0.701	4.500	0.317	Yes
HtD	Hollis-Charlton	15-25	1	.24	50	300	1.800	9.000	0.317	Yes
HvB	Hollis-Charlton	3-8	1	.17	50	300	0.233	1.720	0.449	Maybe
HvC	Hollis-Charlton	8-15	1	.17	50	300	0.701	4.500	0.449	Yes
HvD	Hollis-Charlton	15-25	1	.17	50	300	1.800	9.000	0.449	Yes
HvE	Hollis-Charlton	25-35	1	.17	50	300	4.200	18.000	0.449	Yes
HxD	Hollis-Charlton-R.O.	8-25	1	.17	50	300	0.701	9.000	0.449	Yes
HxE	Hollis-Charlton-R.O.	25-60	1	.17	50	300	4.200	35.000	0.449	Yes
LDB	Leicester-Ridgebury	0-4	3	.20	75	500	0.000	0.762	1.143	No
LfA	Leicester-Walpole	0-3	3	.20	75	300	0.000	0.400	1.143	No
LfB	Leicester-Walpole	3-8	3	.20	75	500	0.264	2.220	1.143	Maybe
Lk	Limerick	0-3	3	.49	50	300	0.000	0.400	0.467	No
Lm	Limerick Variant	0-3	3	.49	50	300	0.000	0.400	0.467	No
LnB	Lyman-Berkshire	3-8	2	.20	50	300	0.233	1.720	0.762	Maybe
LnC	Lyman-Berkshire	8-15	2	.20	50	300	0.701	4.500	0.762	Maybe
LnD	Lyman-Berkshire	15-25	2	.20	50	300	1.800	9.000	0.762	Yes
LnE	Lyman-Berkshire	25-35	2	.20	50	300	4.200	18.000	0.762	Yes
LsD	Lyman-Berkshire-R.O.	8-25	2	.20	50	300	0.701	9.000	0.762	Maybe
LsE	Lyman-Berkshire-R.O.	25-60	2	.20	50	300	4.200	35.000	0.762	Yes
LVC	Lyman-Berkshire	0-15	2	.20	50	300	0.000	4.500	0.762	Maybe

Sym	Series	Slope	T	K	SLS*	SLL*	LSL*	LSH*	HELLS*	HEL*
LVE	Lyman-Berkshire	15-35	2	.20	50	300	1.800	18.000	0.762	Yes
LVF	Lyman-Berkshire	35-60	2	.20	50	300	7.000	35.000	0.762	Yes
LYE	Lyman-R.O.-Berkshire	15-35	2	.20	50	300	1.800	18.000	0.762	Yes
LYF	Lyman-R.O.-Berkshire	35-60	2	.20	50	300	7.000	35.000	0.762	Yes
MaB	Marlow	3-8	3	.24	100	300	0.287	1.720	0.952	Maybe
MaC	Marlow	8-15	3	.24	100	300	0.992	4.500	0.952	Yes
MdB	Marlow	3-8	3	.20	75	500	0.264	2.220	1.143	Maybe
MdC	Marlow	8-15	3	.20	75	500	0.859	5.700	1.143	Maybe
MdD	Marlow	15-25	3	.20	75	500	2.250	30.000	1.143	Yes
MdE	Marlow	25-60	3	.20	75	500	5.000	45.000	1.143	Yes
MEE	Marlow	15-35	3	.20	75	500	2.250	30.000	1.143	Yes
MEF	Marlow	35-60	3	.20	75	500	8.875	45.000	1.143	Yes
MFC	Marlow-Peru	0-15	3	.20	75	500	0.000	5.700	1.143	Maybe
MIB	Millis	3-8	3	.24	100	300	0.287	1.720	0.952	Maybe
MIC	Millis	8-15	3	.24	100	300	0.992	4.500	0.952	Yes
MsB	Millis	3-8	3	.24	100	300	0.287	1.720	0.952	Maybe
MsC	Millis	8-15	3	.24	100	300	0.992	4.500	0.952	Yes
MsD	Millis	15-25	3	.24	100	300	2.550	9.000	0.952	Yes
MU	Muck and peat	0-1	***	***	***	***	***	***	***	No
NaB	Naumburg	0-8	5	.17	100	300	0.000	1.720	2.241	No
NcA	Nicholville Variant	0-3	3	.49	50	300	0.000	0.400	0.467	No
NcB	Nicholville Variant	3-8	3	.49	50	300	0.233	1.720	0.467	Maybe
Of	Ondawa	0-3	5	.20	100	300	0.000	0.400	1.905	No
Oh	Ondawa	0-3	5	.20	100	300	0.000	0.400	1.905	No
Os	Ondawa Variant	0-3	5	.24	100	300	0.000	0.400	1.588	No
OT	Ossipee	0-1	***	***	***	***	***	***	***	No
PaB	Paxton	3-8	3	.24	100	300	0.287	1.720	0.952	Maybe
PaC	Paxton	8-15	3	.24	100	300	0.992	4.500	0.952	Yes
PdB	Paxton	3-8	3	.20	75	500	0.264	2.220	1.143	Maybe
PdC	Paxton	8-15	3	.20	75	500	0.859	5.700	1.143	Maybe
PdD	Paxton	15-25	3	.20	75	500	2.250	30.000	1.143	Yes
PeB	Peru	3-8	3	.20	75	500	0.264	2.220	1.143	Maybe
PeC	Peru	8-15	3	.20	75	500	0.859	5.700	1.143	Maybe
PLC	Peru	0-15	3	.20	75	500	0.000	5.700	1.143	Maybe
Po	Podunk	0-3	5	.20	100	300	0.000	0.400	1.905	No
Ps	Podunk Variant	0-3	5	.24	100	300	0.000	0.400	1.588	No
Ra	Raynham Variant	0-3	3	.24	100	300	0.000	0.400	0.952	No
RgB	Ridgebury	0-8	3	.24	100	300	0.000	1.720	0.952	Maybe
RIA	Ridgebury	0-3	3	.20	75	300	0.000	0.400	1.143	No
RIB	Ridgebury	3-8	3	.20	75	500	0.264	2.220	1.143	Maybe
RO	Rock outcrop	3-60	***	***	***	***	***	***	***	No
RPE	Rock outcrop-Lyman	0-35	2	.20	50	300	0.000	18.000	0.762	Maybe
RPF	Rock outcrop-Lyman	35-80	2	.20	50	300	7.000	55.000	0.762	Yes
SaA	Salmon Variant	0-3	3	.49	50	300	0.000	0.400	0.467	No
SaB	Salmon Variant	3-8	3	.49	50	300	0.233	1.720	0.467	Maybe

Sym	Series	Slope	T	K	SLS*	SLL*	LSL*	LSH*	HELLS*	HEL*
SdB	Scituate	3-8	3	.24	100	300	0.287	1.720	0.952	Maybe
SdC	Scituate	8-15	3	.24	100	300	0.992	4.500	0.952	Yes
SeB	Skerry	3-8	3	.20	75	500	0.264	2.220	1.143	Maybe
SeC	Skerry	8-15	3	.20	75	500	0.859	5.700	1.143	Maybe
Sf	Suncook	0-3	5	.17	100	300	0.000	0.400	2.241	No
SnB	Sutton	0-8	3	.24	100	300	0.000	1.720	0.952	Maybe
SuB	Sutton	0-8	3	.20	75	500	0.000	2.220	1.143	Maybe
WaB	Waumbek	3-8	3	.17	50	300	0.233	1.720	1.345	Maybe
WaC	Waumbek	8-15	3	.17	50	300	0.701	4.500	1.345	Maybe
WBC	Waumbek-Skerry	0-15	3	.17	50	300	0.000	4.500	1.345	Maybe
Wc	Whitman	0-2	3	.20	75	500	0.000	0.326	1.143	No
WdA	Windsor	0-3	5	.17	100	300	0.000	0.400	2.241	No
WdB	Windsor	3-8	5	.17	100	300	0.287	1.720	2.241	No
WdC	Windsor	8-15	5	.17	100	300	0.992	4.500	2.241	Maybe
WdE	Windsor	15-60	5	.17	100	300	2.550	35.000	2.241	Yes
Wn	Winooski	0-3	5	.49	100	300	0.000	0.400	0.777	No
WoB	Woodbridge	3-8	3	.20	75	500	0.264	2.220	1.143	Maybe
WvB	Woodbridge	3-8	3	.20	75	500	0.264	2.220	1.143	Maybe
WvC	Woodbridge	8-15	3	.20	75	500	0.859	5.700	1.143	Maybe

EXPLANATION OF COLUMNS:

SLS = Shortest expected slope length for an individual map unit.
SLL = Longest expected slope length for an individual map unit.
LSL = The lowest LS value expected for an individual map unit.
LSH = The highest LS value expected for an individual map unit.
HELLS = The threshold LS value for highly erodible land (HEL) set by the T, K & R values.
HEL = Whether the map unit is highly erodible land.

HEL soils have an Erodibility Index (EI) >= 8. The EI = RK(LS)/T.
Rainfall factor (R) for Carroll County = 105.

A 'maybe' in the HEL column means that at some slope and slope length within the ranges given, the LS value for an individual map unit will exceed the HELLS value.

A '***' entry in any column pertains to those map units that have no established K value; thus no meaningful LS values could be generated. These map units are either miscellaneous areas such as gravel pits or wet organic soils such as Muck and Peat. They should not qualify for highly erodible land.