HIGHLY ERODIBLE AND POTENTIALLY HIGHLY ERODIBLE SOIL MAP UNIT LIST
PENOBSCOT COUNTY, MAINE

* HEL CLASS 1= Highly Erodible Land, 2= Potentially Highly Erodible Land, 3= Not Highly Erodible Land

Historic soil map unit factors used in 1990 per the Food Security Act to determine Highly Erodible Land (HEL) using the USLE erosion equation.

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Map Symbol	Soil Series	R	Kw	T	Slope% Min	Slope% Max	HEL class*
AaB	Adams	100	0.17	5	0	8	3
AaC	Adams	100	0.17	5	8	15	2
AaE	Adams	100	0.17	5	15	45	2
AgA	Allagash	100	0.28	3	0	2	3
AgB	Allagash	100	0.28	3	2	8	2
AgC	Allagash	100	0.28	3	8	15	2
AgD	Allagash	100	0.28	3	15	25	2
BaA	Bangor	100	0.24	3	0	2	3
BaB	Bangor	100	0.24	3	2	8	2
BaC	Bangor	100	0.24	3	8	15	2
BaD	Bangor	100	0.24	3	15	25	1
BmB	Bangor	100	0.28	3	2	8	2
BmC	Bangor	100	0.28	3	8	15	2
BmD	Bangor	100	0.28	3	15	25	1
BnB	Bangor	100	0.20	3	0	8	2
BnC	Bangor	100	0.20	3	8	15	2
BnD	Bangor	100	0.20	3	15	25	2
BoA	Biddeford	100	0.32	5	0	3	3
BrA	Burnham	100	0.24	5	0	3	3
BuA	Buxton	100	0.32	3	0	2	3
BuB	Buxton	100	0.32	3	2	8	2
BuC	Buxton	100	0.32	3	8	15	2
CaC	Canaan	100	0.17	2	5	15	2
CaE	Canaan	100	0.17	2	15	45	2
CcB	Colton	100	0.10	3	0	8	3
CcC	Colton	100	0.10	3	8	15	2
CcD	Colton	100	0.10	3	15	25	2
CcE	Colton	100	0.10	3	25	45	2
CnA	Colton	100	0.10	3	0	2	3
CnB	Colton	100	0.10	3	2	8	3
CnC	Colton	100	0.10	3	8	15	2
CnD	Colton	100	0.10	3	15	25	2
CnE	Colton	100	0.10	3	25	45	2
CsA	Colton	100	0.17	3	0	2	3
CsB	Colton	100	0.17	3	2	8	2
CsC	Colton	100	0.17	3	8	15	2
CsD	Colton	100	0.17	3	15	25	2

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DaA	Daigle	100	0.24	3	0	2	3
DaB	Daigle	100	0.24	3	2	8	2
DaC	Daigle	100	0.24	3	8	15	2
DgA	Daigle	100	0.24	3	0	2	3
DgB	Daigle	100	0.24	3	2	8	2
DgC	Daigle	100	0.24	3	8	15	2
DxA	Dixmont	100	0.24	3	0	2	3
DxB	Dixmont	100	0.24	3	2	8	2
DxC	Dixmont	100	0.24	3	8	15	2
DyA	Dixmont	100	0.20	3	0	2	3
DyC	Dixmont	100	0.20	3	8	15	2
EwB	Elmwood	100	0.28	3	0	8	2
Ha	Hadley	100	0.32	5	0	3	3
HbB	Hermon	100	0.17	3	2	8	2
HbC	Hermon	100	0.17	3	8	15	2
HdB	Hermon	100	0.17	3	2	8	2
HdC	Hermon	100	0.17	3	8	15	2
HeB	Hermon	100	0.10	3	2	8	3
HeC	Hermon	100	0.10	3	8	15	2
HeE	Hermon	100	0.10	3	15	45	2
HhC	Hermon	100	0.10	3	5	15	2
HoB	Howland	100	0.20	3	2	8	2
HoC	Howland	100	0.20	3	8	15	2
HvB	Howland	100	0.20	3	0	8	2
HvC	Howland	100	0.20	3	8	15	2
HvD	Howland	100	0.20	3	15	25	1
Lk	Limerick	100	0.32	5	0	2	3
MaB	Machias	100	0.17	3	0	8	2
MbB	Madawaska	100	0.28	3	0	8	2
MeA	Melrose	100	0.28	3	0	2	3
MeB	Melrose	100	0.28	3	2	8	2
MeC	Melrose	100	0.28	3	8	15	2
Mn	Mixed alluvial land pd	100	0.32	5	0	2	3
MoB	Monarda	100	0.28	3	0	8	2
MrB	Monarda	100	0.20	3	0	8	3
MsC	Monarda	100	0.17	3	0	15	3
On	Ondawa	100	0.24	5	0	3	3

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Map Symbol	Soil Series	R	Kw	T	Slope% Min	Slope% Max	HEL class*
PgB	Plaisted	100	0.20	3	2	8	2
PgC	Plaisted	100	0.20	3	8	15	2
PgD	Plaisted	100	0.20	3	15	25	1
PgE	Plaisted	100	0.20	3	25	45	1
PhB	Perham	100	0.24	3	0	8	2
PhC	Perham	100	0.24	3	8	15	2
PmB	Perham	100	0.17	3	0	8	2
PmC	Perham	100	0.17	3	8	15	2
PrC	Plaisted	100	0.20	3	5	15	2
PrE	Plaisted	100	0,20	3	15	45	1
PxC	Plaisted	100	0.17	3	5	15	2
Py	Podunk	100	0.24	5	0	2	3
RaB	Red Hook	100	0.32	3	0	8	3
RdB	Red Hook	100	0.32	3	0	8	3
RkC	Canaan	100	0.17	2	5	15	2
RkD	Canaan	100	0.17	2	15	45	1
RmC	Thorndike	100	0.17	2	5	15	2
RmD	Thorndike	100	0.17	2	15	25	1
Sa	Saco	100	0.32	5	0	1	3
ScB	Scantic	100	0.32	3	0	8	2
SeA	Stetson	100	0.17	3	0	2	3
SeB	Stetson	100	0.17	3	2	8	2
SeC	Stetson	100	0.17	3	8	15	2
SeD	Stetson	100	0.17	3	15	25	1
SfC	Stetson	100	0.17	3	0	15	2
SfE	Stetson	100	0.32	3	15	45	1
ShD	Hermon	100	0.10	3	8	15	2
SpD	Plaisted	100	0.17	3	8	15	2
SuA	Suffield	100	0.32	3	0	2	3
SuB	Suffield	100	0.32	3	2	8	2
SuC	Suffield	100	0.32	3	8	15	2
SuC2	Suffield	100	0.32	3	8	15	2
SuD	Suffield	100	0.32	3	15	25	1
SuD2	Suffield	100	0.32	3	15	25	1
SuE	Suffield	100	0.32	3	25	45	1
SvA	Suffield	100	0.32	3	0	2	3
SvB	Suffield	100	0.32	3	2	8	2

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SvC	Suffield	100	0.32	3	3	8	2
SvD	Suffield	100	0.32	3	3	15	1
ThB	Thorndike	100	0.20	2	2	8	2
ThC	Thorndike	100	0.20	2	8	15	2
ThD	Thorndike	100	0.20	2	15	25	1
ThE	Thorndike	100	0.20	2	25	45	1
TkB	Thorndike	100	0.20	2	2	8	2
TkC	Thorndike	100	0.20	2	8	15	2
TvB	Thorndike	100	0.17	2	2	8	2
TvC	Thorndike	100	0.17	2	8	15	2
TvD	Thorndike	100	0.17	2	15	25	1
Wn	Winooski	100	0.32	5	0	3	3