

HIGHLY ERODIBLE LAND REPORT
 JANUARY, 1990

Survey Area- MADISON COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
Ab	ALBANO SILT LOAM	1	ALBANO	5W	0	HEL	.37	3
AlA	ALTAVISTA LOAM, CLAYEY SUBSOIL VARIANT, 0 TO 2 PERCENT SLOPES	1	ALTAVISTA VARIANT	2W	1	NHEL	.24	5
AlB	ALTAVISTA LOAM, CLAYEY SUBSOIL VARIANT, 2 TO 7 PERCENT SLOPES	1	ALTAVISTA VARIANT	2E	1	PHEL	.24	5
ApB	APPLING FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	APPLING	2E	1	PHEL	.24	4
ApC	APPLING FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	APPLING	4E	0	PHEL	.24	4
ApD2	APPLING FINE SANDY LOAM, 7 TO 20 PERCENT SLOPES, ERODED	1	APPLING	4E	0	PHEL	.24	4
ArB	APPLING FINE SANDY LOAM, VERY DEEP, 2 TO 7 PERCENT SLOPES	1	APPLING	2E	1	PHEL	.24	4
Au	AUGUSTA SILT LOAM, CLAYEY SUBSOIL VARIANT	1	AUGUSTA VARIANT	3W	0	NHEL	.24	4
BaB	BAILE STONY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	BAILE	6W	0	PHEL	.43	3
BcB	BRADDOCK-THURMONT LOAMS, 2 TO 7 PERCENT SLOPES	1	BRADDOCK	2E	0	PHEL	.32	4
BcC	BRADDOCK-THURMONT LOAMS, 7 TO 15 PERCENT SLOPES	1	BRADDOCK	3E	0	HEL	.32	4
BcD2	BRADDOCK-THURMONT LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	BRADDOCK	4E	0	HEL	.32	4
BdC	BRANDYWINE FINE GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES	1	BRANDYWINE	3E	0	PHEL	.20	3
BdD	BRANDYWINE FINE GRAVELLY LOAM 15 TO 25 PERCENT SLOPES	1	BRANDYWINE	4E	0	HEL	.20	3
BeC	BRANDYWINE LOAM, VERY DEEP, 5 TO 15 PERCENT SLOPES	1	BRANDYWINE	3E	0	PHEL	.24	3
BeD	BRANDYWINE LOAM, VERY DEEP, 15 TO 25 PERCENT SLOPES	1	BRANDYWINE	4E	0	HEL	.24	3
BeF	BRANDYWINE LOAM, VERY DEEP, 25 TO 45 PERCENT SLOPES	1	BRANDYWINE	7E	0	HEL	.24	3
BnD	BRANDYWINE STONY LOAM, VERY DEEP, 7 TO 25 PERCENT SLOPES	1	BRANDYWINE	4E	0	PHEL	.20	3
BnF	BRANDYWINE STONY LOAM, VERY DEEP, 25 TO 50 PERCENT SLOPES	1	BRANDYWINE	7E	0	HEL	.20	3
BrC	BREMO SILT LOAM, 7 TO 15 PERCENT SLOPES	1	BREMO	4E	0	HEL	.28	2
BrE	BREMO SILT LOAM, 15 TO 35 PERCENT SLOPES	1	BREMO	7E	0	HEL	.28	2
BsB	BUCKS LOAM, PERMEABLE SUBSTRATUM, 2 TO 7 PERCENT SLOPES, ERODED	1	BUCKS	2E	1	PHEL	.32	4
BsC2	BUCKS LOAM, PERMEABLE SUBSTRATUM, 7 TO 15 PERCENT SLOPES, ERODED	1	BUCKS	3E	0	HEL	.32	4
Bu	BUNCOMBE LOAMY FINE SAND	1	BUNCOMBE	5W	0	NHEL	.10	5
CbB	CALVERTON AND CREEDMOOR SILT LOAMS, 0 TO 7 PERCENT SLOPES	1	CALVERTON	3W	0	PHEL	.43	3
CcC	CATOCTIN SILT LOAM, 7 TO 15 PERCENT SLOPES	1	CATOCTIN	3E	0	HEL	.32	2
CcE	CATOCTIN SILT LOAM, 15 TO 45 PERCENT SLOPES	1	CATOCTIN	6E	0	HEL	.32	2
CeB	CECIL FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	CECIL	2E	1	PHEL	.28	4
CeB2	CECIL FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	CECIL	2E	1	PHEL	.28	4
CeC	CECIL FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	CECIL	4E	0	PHEL	.28	4
CeC2	CECIL FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	CECIL	4E	0	PHEL	.28	4
CeD2	CECIL FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	CECIL	6E	0	HEL	.28	4
CfB	CECIL FINE SANDY LOAM, VERY DEEP, 2 TO 7 PERCENT SLOPES	1	CECIL	2E	1	PHEL	.28	4
CgC3	CECIL CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	PHEL	.28	4
ChC	CECIL AND APPLING FINE SANDY LOAMS, VERY DEEP, 7 TO 15 PERCENT SLOPES	1	CECIL	4E	0	PHEL	.28	4
ChC2	CECIL AND APPLING FINE SANDY LOAMS, VERY DEEP, 7 TO 15 PERCENT SLOPES, ERODED	1	CECIL	4E	0	PHEL	.28	4

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CkB	CHESTER-BRANDYWINE LOAMS, VERY DEEP, 2 TO 7 PERCENT SLOPES	1	CHESTER	2E	1	PHEL	.32	4
CkC	CHESTER-BRANDYWINE LOAMS, VERY DEEP, 7 TO 15 PERCENT SLOPES	1	CHESTER	3E	0	HEL	.32	4
CkC2	CHESTER-BRANDYWINE LOAMS, VERY DEEP, 7 TO 15 PERCENT SLOPES, ERODED	1	CHESTER	3E	0	HEL	.32	4
CkD	CHESTER-BRANDYWINE LOAMS, VERY DEEP, 15 TO 25 PERCENT SLOPES	1	CHESTER	4E	0	HEL	.32	4
Cm	CHEWACLA SILT LOAM	1	CHEWACLA	4W	0	NHEL	.24	5
Cn	CODORUS LOAM, COBBLY SUBSOIL VARIANT	1	CODORUS VARIANT	2W	0	NHEL	.49	4
CoC	COLFAX FINE SANDY LOAM, 2 TO 10 PERCENT SLOPES	1	COLFAX	3W	0	PHEL	.28	3
Cv	CONGAREE FINE SANDY LOAM	1	CONGAREE	3W	0	NHEL	.24	5
Cw	CONGAREE LOAM	1	CONGAREE	3W	0	NHEL	.37	5
DaB2	DAVIDSON CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	DAVIDSON	3E	1	PHEL	.28	5
DaC2	DAVIDSON CLAY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	DAVIDSON	6E	0	PHEL	.28	5
DaD2	DAVIDSON CLAY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	DAVIDSON	6E	0	HEL	.28	5
DkB	DYKE LOAM, 2 TO 7 PERCENT SLOPES	1	DYKE	2E	1	PHEL	.37	4
DkC2	DYKE LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	DYKE	3E	0	HEL	.37	4
DkE2	DYKE LOAM, 15 TO 35 PERCENT SLOPES, ERODED	1	DYKE	6E	0	HEL	.37	4
Eb	ELBERT SILT LOAM	1	ELBERT	4W	0	PHEL	.49	3
Eb	ELBERT SILT LOAM	1	ELBERT	4W	0	PHEL	.49	3
ElB	ELIOAK FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	ELIOAK	2E	1	PHEL	.32	4
ElB2	ELIOAK FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	ELIOAK	2E	1	PHEL	.32	4
ElC	ELIOAK FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	ELIOAK	3E	0	HEL	.32	4
ElC2	ELIOAK FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	ELIOAK	3E	0	HEL	.32	4
ElD2	ELIOAK FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	ELIOAK	4E	0	HEL	.32	4
EmB	ELIOAK LOAM, 2 TO 7 PERCENT SLOPES	1	ELIOAK	2E	1	PHEL	.37	4
EmB2	ELIOAK LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	ELIOAK	2E	0	PHEL	.37	4
EmC2	ELIOAK LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	ELIOAK	3E	0	HEL	.37	4
EmD2	ELIOAK LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	ELIOAK	4E	0	HEL	.37	4
EnC3	ELIOAK SILTY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	ELIOAK	3E	0	HEL	.37	4
EnD3	ELIOAK SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	ELIOAK	4E	0	HEL	.37	4
EsB	EUBANKS FINE GRAVELLY LOAM, 2 TO 7 PERCENT SLOPES	1	EUBANKS	2E	1	PHEL	.24	4
EsC	EUBANKS FINE GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES	1	EUBANKS	3E	0	PHEL	.24	4
EsC2	EUBANKS FINE GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	EUBANKS	4E	0	PHEL	.24	4
EtB	EUBANKS LOAM, VERY DEEP, 2 TO 7 PERCENT SLOPES	1	EUBANKS	2E	1	PHEL	.32	4
EtC2	EUBANKS LOAM, VERY DEEP, 7 TO 15 PERCENT SLOPES ERODED	1	EUBANKS	3E	0	HEL	.32	4
EtD2	EUBANKS LOAM, VERY DEEP, 15 TO 25 PERCENT SLOPES, ERODED	1	EUBANKS	6E	0	HEL	.32	4
EuC3	EUBANKS-LLOYD CLAY LOAMS, 7 TO 15 SLOPES, SEVERLY ERODED	1	EUBANKS	4E	0	HEL	.37	3
EuD3	EUBANKS-LLOYD CLAY LOAMS, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	EUBANKS	6E	0	HEL	.37	3
EuE3	EUBANKS-LLOYD CLAY LOAMS, 25 TO 45 PERCENT SLOPES, SEVERELY ERODED	1	EUBANKS	7E	0	HEL	.37	3

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EyB	EUBANKS-LLOYD LOAMS, 2 TO 7 PERCENT SLOPES	1	EUBANKS	2E	1	PHEL	.37	4
EyB2	EUBANKS-LLOYD LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	1	EUBANKS	2E	1	PHEL	.37	4
EyC	EUBANKS-LLOYD LOAMS, 7 TO 15 PERCENT SLOPES	1	EUBANKS	3E	0	HEL	.37	4
EyC2	EUBANKS-LLOYD LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	EUBANKS	4E	0	HEL	.37	4
EyD2	EUBANKS-LLOYD LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	EUBANKS	6E	0	HEL	.37	4
FaB	FAUQUIER SILT LOAM, 2 TO 7 PERCENT SLOPES	1	FAUQUIER	2E	1	PHEL	.32	3
FcB2	FAUQUIER SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	FAUQUIER	2E	1	PHEL	.32	3
FcC2	FAUQUIER SILTY CLAY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	FAUQUIER	3E	0	HEL	.32	3
FcD2	FAUQUIER SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	FAUQUIER	6E	0	HEL	.32	3
GlC2	GLENELG LOAM, 5 TO 15 PERCENT SLOPES, ERODED	1	GLENELG	3E	0	PHEL	.32	3
GlD2	GLENELG LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	GLENELG	4E	0	HEL	.32	3
HaC	HAZEL LOAM, 7 TO 15 PERCENT SLOPES	1	HAZEL	3E	0	HEL	.32	2
HaD	HAZEL LOAM, 15 TO 25 PERCENT SLOPES	1	HAZEL	4E	0	HEL	.32	2
HaF	HAZEL LOAM, 25 TO 55 PERCENT SLOPES	1	HAZEL	7E	0	HEL	.32	2
HsB	HIWASSEE LOAM, 2 TO 7 PERCENT SLOPES	1	HIWASSEE	2E	1	PHEL	.28	5
HsB2	HIWASSEE LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	HIWASSEE	2E	1	PHEL	.28	5
HsC2	HIWASSEE LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	HIWASSEE	4E	0	PHEL	.28	5
HsD2	HIWASSEE LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	HIWASSEE	6E	0	HEL	.28	5
IrB	IREDELL SILT LOAM, 2 TO 7 PERCENT SLOPES	1	IREDELL	2E	0	PHEL	.32	3
LeD	LEWISBERRY SANDY LOAM, 10 TO 25 PERCENT SLOPES	1	LEWISBERRY	4E	0	HEL	.20	3
LfB	LLOYD FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	LLOYD	2E	1	PHEL	.37	4
LfC2	LLOYD FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	LLOYD	4E	0	HEL	.37	4
LfD2	LLOYD FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	LLOYD	6E	0	HEL	.37	4
LlB	LLOYD LOAM, 2 TO 7 PERCENT SLOPES	1	LLOYD	2E	1	PHEL	.37	4
LlB2	LLOYD LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	LLOYD	2E	1	PHEL	.37	4
LlC2	LLOYD LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	LLOYD	4E	0	HEL	.37	4
LmB2	LLOYD LOAM, THIN SOLUM VARIANT, 2 TO 7 PERCENT SLOPES, ERODED	1	LLOYD VARIANT	2E	1	PHEL	.37	4
LmC2	LLOYD LOAM, THIN SOLUM VARIANT, 7 TO 15 PERCENT SLOPES, ERODED	1	LLOYD VARIANT	4E	0	HEL	.37	4
LmD2	LLOYD LOAM, THIN SOLUM VARIANT, 15 TO 25 PERCENT SLOPES, ERODED	1	LLOYD VARIANT	6E	0	HEL	.37	4

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LnC3	LLOYD CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	LLOYD	4E	0	HEL	.37	3
LnD3	LLOYD CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	LLOYD	6E	0	HEL	.37	3
LoC	LOUISBURG SANDY LOAM, 5 TO 15 PERCENT SLOPES	1	LOUISBURG	6E	0	PHEL	.24	2
LoD	LOUISBURG SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	LOUISBURG	7E	0	HEL	.24	2
LoF	LOUISBURG SANDY LOAM, 25 TO 55 PERCENT SLOPES	1	LOUISBURG	7E	0	HEL	.24	2
Ma	MADE LAND	1	MADELAND	8S	0	NHEL		
MnB	MANASSAS SILT LOAM, 2 TO 7 PERCENT SLOPES	1	MANASSAS	2E	1	PHEL	.37	4
MoC	MANOR SILT LOAM, 7 TO 20 PERCENT SLOPES	1	MANOR	3E	0	HEL	.37	3
MuB	MAYODAN FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	MAYODAN	2E	1	PHEL	.24	4
MuC2	MAYODAN FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	MAYODAN	4E	0	PHEL	.24	4
MvB	MEADOWVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	MEADOWVILLE	2E	1	PHEL	.37	3
MvC	MEADOWVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	MEADOWVILLE	3E	0	HEL	.37	3
MyC	MYERSVILLE-CATOCTIN VERY STONY SILT LOAMS, 7 TO 15 PERCENT SLOPES	1	MYERSVILLE	6S	0	HEL	.32	4
MyD	MYERSVILLE-CATOCTIN VERY STONY SILT LOAMS, 15 TO 25 PERCENT SLOPES	1	MYERSVILLE	6S	0	HEL	.32	4
MyE	MYERSVILLE-CATOCTIN VERY STONY SILT LOAM, 25 TO 45 PERCENT SLOPES	1	MYERSVILLE	7E	0	HEL	.32	4
PnC	PENN LOAM, 5 TO 15 PERCENT SLOPES	1	PENN	3E	0	PHEL	.32	3
PnD	PENN LOAM, 15 TO 25 PERCENT SLOPES	1	PENN	4E	0	HEL	.32	3
PoC	PORTERS VERY STONY LOAM, 7 TO 15 PERCENT SLOPES	1	PORTERS	6S	0	PHEL	.17	4
PoD	PORTERS VERY STONY LOAM, 15 TO 25 PERCENT SLOPES	1	PORTERS	6S	0	HEL	.17	4
PoF	PORTERS VERY STONY LOAM, 25 TO 50 PERCENT SLOPES	1	PORTERS	7S	0	HEL	.17	3
RdB	RAPIDAN SILT LOAM	1	RAPIDAN	2W	0	PHEL	.37	4
ReC2	RAPIDAN SILTY CLAY	1	RAPIDAN	2W	0	HEL	.37	4
Rk	ROANOKE SILT LOAM	1	ROANOKE	2W	0	NHEL	.37	4
SrC	STAR SILT LOAM	1	STAR	2W	0	PHEL	.24	5
TrC	TREGO LOAM	1	TREGO	3W	0	PHEL	.37	3
TuB	TUSQUITEE STONY LOAM	1	TUSQUITEE	2E	0	PHEL	.17	4
TuC	TUSQUITEE STONY LOAM	1	TUSQUITEE	3E	0	PHEL	.17	4
TuD	TUSQUITEE STONY LOAM	1	TUSQUITEE	4E	0	HEL	.17	4
TuE	TUSQUITEE STONY LOAM	1	TUSQUITEE	6E	0	HEL	.17	4
UnB	UNISON LOAM	1	UNISON	2E	0	PHEL	.37	4
UnC	UNISON LOAM	1	UNISON	3E	0	HEL	.37	4
UnD	UNISON LOAM	1	UNISON	4E	0	HEL	.37	4
UsC	UNISON LOAM VERY STONY SILT LOAM	1	UNISON	6S	0	PHEL	.28	4
UsD	UNISON LOAM VERY STONY SILT LOAM	1	UNISON	6S	0	HEL	.28	4
WaC	WATT CHANNERY SILT LOAM, 15 TO 35 PERCENT SLOPES	1	WATT	7E	0	HEL	.32	2
WaE	WATT CHANNERY SILT LOAM, 15 TO 35 PERCENT SLOPES	1	WATT	7E	0	HEL	.32	2
We	WEHADKEE SILT LOAM	1	WEHADKEE	6W	0	NHEL	.32	5
WhB	WICKHAM LOAM, CLAYEY SUBSOIL VARIANT, 2 TO 7 PERCENT SLOPES	1	WICKHAM VARIANT	2E	1	PHEL	.24	5
WhC2	WICKHAM LOAM, CLAYEY SUBSOIL VARIANT, 7 TO 15 PERCENT SLOPES, ERODED	1	WICKHAM VARIANT	4E	0	PHEL	.24	5
WmB	WORSHAM LOAM, 2 TO 7 PERCENT SLOPES	1	WORSHAM	4W	0	PHEL	.37	4
ZoB	ZION SILT LOAM, 2 TO 7 PERCENT SLOPES	1	ZION	2E	0	PHEL	.43	4
ZoC	ZION SILT LOAM, 7 TO 15 PERCENT SLOPES	1	ZION	3E	0	HEL	.43	4

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HEL Terms

NHEL – Not Highly Erodible Land
PHEL – Potentially Highly Erodible Land
HEL – Highly Erodible Land

Prime Farmland Codes

- 0 - Not prime farmland.
- 1 - All areas are prime farmland.
- 2 - Prime farmland if drained.
- 3 - Prime farmland if protected from flooding or not frequently flooded during the growing season.
- 4 - Prime farmland if irrigated.
- 5 - Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season.
- 6 - Prime farmland if irrigated and drained.
- 7 - Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season.
- 8 - Prime farmland if subsoiled, completely removed the root inhibiting soil layer.