

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- FAUQUIER COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
Aa	ALBEMARLE LOAM, ROLLING PHASE	1	ALBEMARLE	3E	0	HEL	.37	3
Ab	ALBEMARLE LOAM, UNDULATING PHASE	1	ALBEMARLE	2E	1	PHEL	.37	3
Ba	BELVOIR LOAM, LEVEL PHASE	1	BELVOIR	3W	0	NHEL	.37	4
Bb	BELVOIR LOAM, UNDULATING PHASE	1	BELVOIR	3W	0	PHEL	.37	4
Bc	BERMUDIAN SILT LOAM	1	BERMUDIAN	1	1	NHEL	.37	4
Bd	BOWMANVILLE SILT LOAM	1	BOWMANVILLE	3W	0	NHEL	.32	4
Be	BRADDOCK STONY LOAM, ROLLING PHASE	1	BRADDOCK	3E	0	PHEL	.28	4
Bf	BRADDOCK VERY STONY LOAM, ROLLING PHASE	1	BRADDOCK	6S	0	PHEL	.24	4
Bg	BRANDYWINE GRITTY LOAM, ROLLING PHASE	1	BRANDYWINE GRITTY	3E	0	PHEL	.20	3
Bh	BRANDYWINE GRITTY LOAM, HILLY PHASE	1	BRANDYWINE GRITTY	4E	0	HEL	.20	3
Bk	BRANDYWINE LOAM-EUBANKS SILT LOAM, HILLY PHASE	1	BRANDYWINE	4E	0	HEL	.24	3
Bl	BRANDYWINE LOAM, HILLY PHASE	1	BRANDYWINE	4E	0	HEL	.24	3
Bm	BRANDYWINE LOAM, ROLLING PHASE	1	BRANDYWINE	3E	0	HEL	.24	3
Bn	BRANDYWINE LOAM, STEEP PHASE	1	BRANDYWINE	7E	0	HEL	.24	3
Bo	BRANDYWINE SILT LOAM, HILLY PHASE	1	BRANDYWINE	4E	0	HEL	.24	3
Bp	BRANDYWINE SILT LOAM, ROLLING PHASE	1	BRANDYWINE	3E	0	HEL	.24	3
Br	BUCKS SILT LOAM, UNDULATING PHASE	1	BUCKS	2E	1	PHEL	.37	2
Ca	CALVERTON SILT LOAM, UNDULATING PHASE	1	CALVERTON	3W	0	PHEL	.43	3
Cb	CATLETT SILT LOAM, ERODED UNDULATING PHASE	1	CATLETT	4E	0	PHEL	.32	2
Cc	CATOCTIN SILT LOAM, ERODED STEEP PHASE	1	CATOCTIN	7E	0	HEL	.32	2
Cd	CATOCTIN SILT LOAM, HILLY PHASE	1	CATOCTIN	6E	0	HEL	.32	2
Ce	CATOCTIN SILT LOAM, ROLLING PHASE	1	CATOCTIN	3E	0	HEL	.32	2
Cf	CHESTER-BRANDYWINE LOAMS, HILLY PHASES	1	CHESTER	4E	0	HEL	.32	3
Cg	CHESTER-BRANDYWINE LOAMS, ROLLING PHASES	1	CHESTER	4E	0	HEL	.32	3
Ch	CHESTER-BRANDYWINE LOAMS, UNDULATING PHASES	1	CHESTER	2E	1	PHEL	.32	3
Ck	CHESTER-BRANDYWINE SILT LOAMS, ROLLING PHASES	1	CHESTER	3E	0	HEL	.32	3
Cl	CHESTER LOAM-EUBANKS SILT LOAM, ROLLING	1	CHESTER	3E	0	HEL	.32	3
Cm	CHESTER LOAM, ROLLING PHASE	1	CHESTER	3E	0	HEL	.32	3
Cn	CHESTER LOAM, UNDULATING PHASE	1	CHESTER	2E	1	PHEL	.32	3
Co	CHESTER SILT LOAM, UNDULATING PHASE	1	CHESTER	2E	1	PHEL	.32	3
Cp	CHEWACLA SILT LOAM	1	CHEWACLA	2W	0	NHEL	.49	4
Cr	CLIFTON STONY SILT LOAM, ROLLING PHASE	1	CLIFTON	3E	0	HEL	.17	2
Cs	CONGAREE FINE SANDY LOAM	1	CONGAREE	2W	1	NHEL	.43	3
Ct	CONGAREE SILT LOAM	1	CONGAREE	2W	1	NHEL	.43	3
Cu	CROTON SILT LOAM	1	CROTON	5W	2	PHEL	.37	3
Cv	CULPEPER CLAY LOAM, ERODED ROLLING PHASE	1	CULPEPER	3E	0	HEL	.37	4
Cw	CULPEPER FINE SANDY LOAM, ROLLING PHASE	1	CULPEPER	3E	0	HEL	.37	4
Cx	CULPEPER FINE SANDY LOAM, UNDULATING PHASE	1	CULPEPER	2E	1	PHEL	.37	4
Da	DAVIDSON CLAY, ERODED ROLLING PHASE	1	DAVIDSON	6E	0	HEL	.37	3
Db	DYKE SILT LOAM, ERODED ROLLING PHASE	1	DYKE	4E	0	HEL	.37	4
Ea	ELBERT SILT LOAM	1	ELBERT	4W	0	NHEL	.43	4
Eb	ELBERT SILT LOAM, CONCRETIONARY PHASE	1	ELBERT	4W	0	NHEL	.43	4
Ec	ELIOAK SILT LOAM, ERODED HILLY PHASE	1	ELIOAK	6E	0	HEL	.32	4
Ed	ELIOAK SILT LOAM, ERODED ROLLING PHASE	1	ELIOAK	4E	0	HEL	.32	4
Ee	ELIOAK SILT LOAM, ROLLING PHASE	1	ELIOAK	3E	0	HEL	.32	4
Ef	ELIOAK SILT LOAM, UNDULATING PHASE	1	ELIOAK	2E	1	PHEL	.32	4
Eg	EUBANKS LOAM, ERODED ROLLING PHASE	1	EUBANKS	4E	0	HEL	.32	4
Eh	EUBANKS LOAM, ROLLING PHASE	1	EUBANKS	3E	0	HEL	.32	4
Ek	EUBANKS SILT LOAM, ERODED HILLY PHASE	1	EUBANKS	6E	0	HEL	.32	4
El	EUBANKS SILT LOAM, ROLLING PHASE	1	EUBANKS	3E	0	HEL	.32	4
Em	EUBANKS STONY SILT LOAM, ROLLING PHASE	1	EUBANKS	4S	0	HEL	.28	4
Fa	FAUQUIER-ELIOAK SILT LOAMS, ROLLING PHASES	1	FAUQUIER	3E	0	HEL	.32	3
Fb	FAUQUIER-ELIOAK SILT LOAMS, UNDULATING PHASES	1	FAUQUIER	2E	1	PHEL	.32	3
Fc	FAUQUIER SILT LOAM, HILLY PHASE	1	FAUQUIER	4E	0	HEL	.32	3
Fd	FAUQUIER SILT LOAM, ROLLING PHASE	1	FAUQUIER	3E	0	HEL	.32	3
Fe	FAUQUIER SILT LOAM, UNDULATING PHASE	1	FAUQUIER	2E	1	PHEL	.32	3
Ff	FAUQUIER SILTY CLAY LOAM, ERODED HILLY PHASE	1	FAUQUIER	6E	0	HEL	.32	3
Fg	FAUQUIER SILTY CLAY LOAM, ERODED ROLLING PHASE	1	FAUQUIER	4E	0	HEL	.32	3
Fh	FAUQUIER SILTY CLAY LOAM, ERODED UNDULATING PHASE	1	FAUQUIER	2E	0	PHEL	.32	3
Ga	GOLDVEIN GRITTY SILT LOAM, ROLLING PHASE	1	GOLDVEIN	4E	0	PHEL	.28	4

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Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
Gb	GOLDVEIN GRITTY SILT LOAM, UNDULATING PHASE	1	GRITTY GOLDVEIN GRITTY	3E	0	PHEL	.28	4
Ha	HAZEL SILT LOAM, HILLY AND STEEP PHASES	1	HAZEL	6E	0	HEL	.32	2
Hb	HAZEL SILT LOAM, ROLLING PHASE	1	HAZEL	3E	0	HEL	.32	2
Hc	HIWASSEE LOAM, ERODED ROLLING LIGHT-COLORED VARIANT	1	HIWASSEE VARIANT	4E	0	HEL	.32	4
Hd	HIWASSEE LOAM, UNDULATING LIGHT-COLORED VARIANT	1	HIWASSEE VARIANT	2E	1	PHEL	.32	4
He	HIWASSEE LOAM, UNDULATING PHASE	1	HIWASSEE VARIANT	2E	1	PHEL	.32	4
Hf	HIWASSEE SILTY CLAY LOAM, ERODED ROLLING PHASE	1	HIWASSEE	6E	0	HEL	.32	3
Ia	IREDELL SILT LOAM, ERODED UNDULATING PHASE	1	IREDELL	3E	0	PHEL	.32	4
Ib	IREDELL SILT LOAM, LEVEL PHASE	1	IREDELL	2W	0	NHEL	.32	4
Ic	IREDELL SILT LOAM, UNDULATING PHASE	1	IREDELL	2E	0	PHEL	.32	4
Id	IREDELL STONY SILT LOAM, UNDULATING PHASE	1	IREDELL	6S	0	PHEL	.28	4
Ka	KELLY SILT LOAM, LEVEL AND UNDULATING PHASES	1	KELLY	4W	0	PHEL	.37	3
La	LIGNUM SILT LOAM, UNDULATING PHASE	1	LIGNUM	2E	0	PHEL	.43	3
Lb	LLOYD CLAY LOAM, ERODED ROLLING PHASE	1	LLOYD	3E	0	HEL	.28	5
Lc	LLOYD SILT LOAM, ROLLING PHASE	1	LLOYD	3E	0	PHEL	.37	5
Ld	LOUISBURG SANDY LOAM, HILLY AND STEEP PHASES	1	LOUISBURG	7E	0	HEL	.24	3
Le	LOUISBURG SANDY LOAM, ROLLING PHASE	1	LOUISBURG	4E	0	HEL	.24	3
Ma	MANOR SILT LOAM, ERODED HILLY PHASE	1	MANOR	4E	0	HEL	.37	5
Mb	MANOR SILT LOAM, ROLLING PHASE	1	MANOR	3E	0	PHEL	.37	5
Mc	MANTEO SHALY SILT LOAM, HILLY AND STEEP PHASES	1	MANTEO	7E	0	HEL	.28	1
Md	MASADA LOAM, UNDULATING PHASE	1	MASADA	2E	1	PHEL	.32	4
Me	MEADOWVILLE SILT LOAM	1	MEADOWVILLE	2E	1	PHEL	.37	3
Mf	MECKLENBURG LOAM, ROLLING PHASE	1	MECKLENBURG	3E	0	HEL	.32	4
Mg	MECKLENBURG LOAM, UNDULATING PHASE	1	MECKLENBURG	2E	1	PHEL	.32	4
Mk	MONTALTO SILT LOAM, ROLLING MODERATELY SHALLOW PHASE	1	MONTALTO	3E	0	HEL	.32	2
Ml	MONTALTO SILT LOAM, UNDULATING MODERATELY SHALLOW PHASE	1	MONTALTO	2E	0	PHEL	.32	2
Mm	MONTALTO SILTY CLAY LOAM, ERODED ROLLING MODERATELY SHALLOW PHASE	1	MONTALTO	4E	0	HEL	.28	2
Mn	MONTALTO STONY SILT LOAM, ROLLING MODERATELY SHALLOW PHASE	1	MONTALTO	6S	0	HEL	.24	2
Mo	MYERSVILLE-ORANGE SILT LOAMS ROLLING PHASE	1	MYERSVILLE	3E	0	HEL	.32	4
Mp	MYERSVILLE-ORANGE SILT LOAMS, UNDULATING PHASES	1	MYERSVILLE	2E	0	PHEL	.32	4
Na	NASON SILT LOAM, ROLLING PHASE	1	NASON	3E	0	HEL	.43	4
Nb	NASON SILT LOAM, UNDULATING PHASE	1	NASON	2E	0	PHEL	.43	4
Pa	PENN LOAM, ERODED ROLLING PHASE	1	PENN	4E	0	HEL	.32	3
Pb	PENN LOAM, UNDULATING PHASE	1	PENN	3E	0	PHEL	.32	3
Pc	PENN SHALY SILT LOAM, ERODED HILLY PHASE	1	PENN	7E	0	HEL	.17	1
Pd	PENN SILT LOAM, ERODED ROLLING PHASE	1	PENN	6E	0	HEL	.28	1
Pe	PENN SILT LOAM, ROLLING PHASE	1	PENN	4E	0	HEL	.28	1
Pf	PENN SILT LOAM, UNDULATING PHASE	1	PENN	3E	0	PHEL	.28	1
Ra	ROHRERSVILLE SILT LOAM	1	ROHRERSVILLE	3W	0	NHEL	.43	3
Rc	ROWLAND SILT LOAM	1	ROWLAND	2W	2	NHEL	.43	4
Sa	SENECA LOAM	1	SENECA	2E	1	PHEL	.37	3
Sb	STARR SILT LOAM	1	STARR	2E	1	PHEL	.37	3
Sc	STATE LOAM	1	STATE	2E	1	PHEL	.37	4
Ta	TATUM SILT LOAM, ROLLING PHASE	1	TATUM	3E	0	HEL	.43	4
Tb	TATUM SILT LOAM, UNDULATING PHASE	1	TATUM	2E	0	PHEL	.43	4
Tc	TATUM SILTY CLAY LOAM, ERODED ROLLING PHASE	1	TATUM	4E	0	HEL	.49	3
Td	THURMONT STONY LOAM, UNDULATING PHASE	1	THURMONT	6S	0	PHEL	.24	4
Te	TUSQUITEE LOAM, ROLLING PHASE	1	TUSQUITEE	4E	0	PHEL	.28	4
Wa	WADESBORO FINE SANDY LOAM, ROLLING PHASE	1	WADESBORO	3E	0	HEL	.37	4
Wb	WADESBORO SILT LOAM, ROLLING PHASE	1	WADESBORO	3E	0	HEL	.37	4
Wc	WADESBORO SILT LOAM, UNDULATING PHASE	1	WADESBORO	2E	1	PHEL	.37	4
Wd	WATT SILT LOAM, HILLY PHASE	1	WATT	6E	0	HEL	.32	2
We	WEHADKEE SILT LOAM	1	WEHADKEE	3W	0	NHEL	.49	4
Wf	WORSHAM SILT LOAM	1	WORSHAM	5W	0	NHEL	.43	3

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Survey Area- FAUQUIER COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
Za	ZION SILT LOAM, UNDULATING PHASE	1	ZION	4W	1	PHEL	.43	3

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.