

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- FLUVANNA COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
Aa	ALTAVISTA SILT LOAM, UNDULATING PHASE	1	ALTAVISTA	2E	1	PHEL	.24	5
Ab	APPLING FINE SANDY LOAM, ERODED ROLLING PHASES	1	APPLING	4E	0	HEL	.24	4
Ac	APPLING FINE SANDY LOAM, ROLLING PHASE	1	APPLING	4S	0	PHEL	.24	4
Ad	APPLING FINE SANDY LOAM, UNDULATING PHASE	1	APPLING	2E	1	PHEL	.24	4
Ae	APPLING GRITTY FINE SANDY LOAM, ROLLING PHASE	1	APPLING GRITTY	4S	0	PHEL	.24	4
Af	APPLING GRITTY FINE SANDY LOAM, UNDULATING PHASE	1	APPLING GRITTY	2S	1	PHEL	.24	4
Ag	APPLING SANDY LOAM, ERODED ROLLING PHASE	1	APPLING	4E	0	PHEL	.24	4
Ah	APPLING SANDY LOAM, ROLLING PHASE	1	APPLING	4E	0	PHEL	.24	4
Ak	APPLING SANDY LOAM, UNDULATING PHASE	1	APPLING	2E	1	PHEL	.24	4
Al	AUGUSTA FINE SANDY LOAM	1	AUGUSTA	3W	1	NHEL	.20	4
Ba	BREMO SILT LOAM, HILLY PHASE	1	BREMO	6E	0	HEL	.28	2
Bb	BREMO SILT LOAM, ROLLING PHASE	1	BREMO	4E	0	HEL	.28	2
Bc	BREMO SILT LOAM, UNDULATING PHASE	1	BREMO	3E	0	PHEL	.28	2
Bd	BUNCOMBE LOAMY FINE SANDY	1	BUNCOMBE	5W	0	NHEL	.10	5
Ca	CECIL CLAY LOAM, ERODED ROLLING PHASE	1	CECIL	6E	0	PHEL	.28	3
Cb	CECIL CLAY LOAM, ERODED UNDULATING PHASE	1	CECIL	3E	0	PHEL	.28	3
Cc	CECIL FINE SANDY LOAM, UNDULATING PHASE	1	CECIL	2E	1	PHEL	.28	4
Cd	CECIL SANDY LOAM, ROLLING PHASE	1	CECIL	6E	0	PHEL	.28	4
Ce	CECIL SANDY LOAM, UNDULATING PHASE	1	CECIL	2E	1	PHEL	.28	4
Cf	CHEWACLA SILT LOAM	1	CHEWACLA	4W	0	NHEL	.28	5
Cg	COLFAX SANDY LOAM	1	COLFAX	3W	0	PHEL	.28	3
Ch	CONGAREE FINE SANDY LOAM	1	CONGAREE	2W	1	NHEL	.24	5
Ck	CONGAREE SILT LOAM	1	CONGAREE	2W	1	NHEL	.37	5
Da	DURHAM FINE SANDY LOAM, UNDULATING PHASE	1	DURHAM	2E	1	PHEL	.24	5
Ea	ELBERT SILT LOAM	1	ELBERT	4W	0	PHEL	.49	3
Fa	FLUVANNA FINE SANDY LOAM, ROLLING PHASE	1	FLUVANNA	3E	0	HEL	.37	4
Fb	FLUVANNA FINE SANDY LOAM, UNDULATING PHASE	1	FLUVANNA	2E	1	PHEL	.37	4
Fd	FLUVANNA SILT LOAM, ROLLING PHASE	1	FLUVANNA	3E	0	PHEL	.37	4
Fe	FLUVANNA SILT LOAM, ERODED ROLLING PHASE	1	FLUVANNA	3E	0	PHEL	.37	4
Ff	FLUVANNA SILT LOAM, UNDULATING PHASE	1	FLUVANNA	2E	1	PHEL	.37	4
Ga	GOLDVEIN GRITTY SILT LOAM, UNDULATING AND ROLLING PHASES	1	GOLDVEIN GRITTY	4E	0	PHEL	.28	4
Ha	HELENA FINE SANDY LOAM, ERODED ROLLING PHASE	1	HELENA	4E	0	PHEL	.15	3
Hb	HELENA FINE SANDY LOAM, ROLLING PHASE	1	HELENA	4E	0	PHEL	.15	3
Hc	HELENA FINE SANDY LOAM, UNDULATING PHASE	1	HELENA	2E	1	PHEL	.15	3
Hd	HIWASSEE CLAY LOAM, ERODED ROLLING PHASE	1	HIWASSEE	6E	0	PHEL	.28	5
He	HIWASSEE CLAY LOAM, ERODED UNDULATING PHASE	1	HIWASSEE	3E	0	PHEL	.28	5
Hf	HIWASSEE COBBLY FINE SANDY LOAM, UNDULATING LIGHT- COLORED PHASE	1	HIWASSEE	3E	0	PHEL	.28	5
Hg	HIWASSEE FINE SANDY LOAM, ROLLING LIGHT-COLORED PHASE	1	HIWASSEE	4E	0	PHEL	.28	5
Hh	HIWASSEE FINE SANDY LOAM, UNDULATING LIGHT-COLORED PHASE	1	HIWASSEE	2E	1	PHEL	.28	5
Hk	HIWASSEE SILT LOAM, ROLLING PHASE	1	HIWASSEE	4E	0	PHEL	.32	5
Hl	HIWASSEE SILT LOAM, UNDULATING PHASE	1	HIWASSEE	2E	1	PHEL	.32	5
La	LIGNUM LOAM, UNDULATING PHASE	1	LIGNUM	2E	0	PHEL	.43	3
Lb	LIGNUM SILT LOAM, UNDULATING PHASE	1	LIGNUM	2E	0	PHEL	.43	3
Lc	LLOYD SILT LOAM, ROLLING PHASE	1	LLOYD	3E	0	HEL	.37	4
Ld	LLOYD SILT LOAM, UNDULATING PHASE	1	LLOYD	2E	1	PHEL	.37	4
Le	LLOYD SILTY CLAY LOAM, ERODED ROLLING PHASE	1	LLOYD	4E	0	HEL	.37	3
Lf	LLOYD SILTY CLAY LOAM, ERODED UNDULATING PHASE	1	LLOYD	3E	0	PHEL	.37	3
Lg	LOUISA LOAM, HILLY AND STEEP PHASES	1	LOUISA	7E	0	HEL	.28	2
Lh	LOUISA LOAM, ROLLING PHASE	1	LOUISA	6E	0	HEL	.28	2
Lk	LOUISBURG SANDY LOAM, ERODED ROLLING AND HILLY PHASES	1	LOUISBURG	7E	0	HEL	.24	2
Ll	LOUISBURG SANDY LOAM, ERODED STEEP PHASE	1	LOUISBURG	7E	0	HEL	.24	2
Lm	LOUISBURG SANDY LOAM, ROLLING AND HILLY PHASES	1	LOUISBURG	7E	0	HEL	.24	2
Ma	MADISON LOAM, ROLLING PHASE	1	MADISON	4E	0	PHEL	.28	4
Mb	MADISON LOAM, UNDULATING PHASE	1	MADISON	2E	1	PHEL	.28	4
Mc	MANTEO-BREMO SILT LOAMS, HILLY PHASES	1	MANTEO	7E	0	HEL	.28	1
Mc	MANTEO-BREMO SILT LOAMS, HILLY PHASES	2	BREMO	6E	0	HEL	.28	2
Md	MANTEO-BREMO SILT LOAMS, ROLLING PHASES	1	MANTEO	6E	0	HEL	.28	1

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Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
								2
Md	MANTEO-BREMO SILT LOAMS, ROLLING PHASES	2	BREMO	4E	0	HEL	.28	2
Me	MANTEO SILT LOAM, HILLY PHASE	1	MANTEO	7E	0	HEL	.28	1
Mf	MANTEO SILT LOAM, ROLLING PHASE	1	MANTEO	6E	0	HEL	.28	1
Mg	MANTEO SILT LOAM, STEEP PHASE	1	MANTEO	7E	0	HEL	.28	1
Mh	MANTEO SILT LOAM, UNDULATING PHASE	1	MANTEO	4E	0	PHEL	.28	1
Mk	MASADA FINE SANDY LOAM, UNDULATING PHASE	1	MASADA	2E	1	PHEL	.32	4
Na	NASON LOAM, ERODED ROLLING PHASE	1	NASON	3E	0	HEL	.37	4
Nb	NASON LOAM, ROLLING PHASE	1	NASON	3E	0	HEL	.37	4
Nc	NASON LOAM, UNDULATING PHASE	1	NASON	2E	0	PHEL	.37	4
Nd	NASON SILT LOAM, ERODED ROLLING PHASE	1	NASON	3E	0	HEL	.37	4
Ne	NASON SILT LOAM, ERODED UNDULATING PHASE	1	NASON	2E	0	PHEL	.37	4
Nf	NASON SILT LOAM, ROLLING PHASE	1	NASON	3E	0	HEL	.37	4
Ng	NASON SILT LOAM, UNDULATING PHASE	1	NASON	2E	0	PHEL	.37	4
Oa	ORANGE-BREMO SILT LOAMS, UNDULATING PHASES	1	ORANGE	3E	0	PHEL	.49	3
Oa	ORANGE-BREMO SILT LOAMS, UNDULATING PHASES	2	BREMO	3E	0	PHEL	.49	3
Ob	ORANGE SILT LOAM, GRAVELLY SUBSOIL PHASE	1	ORANGE	3E	0	PHEL	.49	3
Oc	ORANGE SILT LOAM, UNDULATING PHASE	1	ORANGE	3E	0	PHEL	.43	3
Rb	ROANOKE SILT LOAM	1	ROANOKE	5W	0	NHEL	.37	4
Sa	SENECA FINE SANDY LOAM	1	SENECA	2E	1	PHEL	.28	4
Sb	SENECA SILT LOAM	1	SENECA	2E	1	PHEL	.32	3
Sc	STARR LOAM	1	STARR	2E	1	PHEL	.28	5
Ta	TATUM LOAM, UNDULATING PHASE	1	TATUM	2E	0	PHEL	.37	4
Tb	TATUM SILT LOAM, ROLLING PHASE	1	TATUM	3E	0	HEL	.37	4
Td	TATUM SILTY CLAY LOAM, ERODED ROLLING PHASE	1	TATUM	3E	0	HEL	.32	4
Te	TATUM SILT LOAM, UNDULATING PHASE	1	TATUM	2E	0	PHEL	.43	4
Tf	TATUM SILTY CLAY LOAM, ERODED UNDULATING PHASE	1	TATUM	2E	0	PHEL	.32	4
Va	VANCE FINE SANDY LOAM, UNDULATING PHASE	1	VANCE	3E	1	PHEL	.24	4
Wa	WEHADKEE SILT LOAM	1	WEHADKEE	6W	0	NHEL	.32	5
Wb	WICKHAM LOAM, UNDULATING PHASE	1	WICKHAM	2E	1	PHEL	.20	5
Wc	WILKES SANDY LOAM, HILLY AND STEEP PHASES	1	WILKES	7E	0	HEL	.28	2
Wd	WILKES SANDY LOAM, ROLLING PHASE	1	WILKES	6E	0	HEL	.28	2
We	WORSHAM SANDY LOAM	1	WORSHAM	4W	0	PHEL	.28	4
Wf	WORSHAM SILT LOAM	1	WORSHAM	4W	0	PHEL	.37	4
Za	ZION SILT LOAM, UNDULATING PHASE	1	ZION SILT LOAM	2E	1	PHEL	.37	2

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.