

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- FAIRFAX COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
Aa	APPLING GRITTY LOAM, ERODED UNDULATING PHASE	1	APPLING GRITTY	2E	1	PHEL	.24	4
Ab	APPLING GRITTY LOAM, ERODED ROLLING PHASE	1	APPLING GRITTY	4E	0	PHEL	.20	4
Ac	APPLING GRITTY LOAM, ERODED HILLY PHASE	1	APPLING GRITTY	4E	0	HEL	.15	4
Ba	BELTSVILLE SILT LOAM, UNDULATING PHASE	1	BELTSVILLE	2E	0	PHEL	.43	3
Bb	BELTSVILLE LOAM, UNDULATING PHASE	1	BELTSVILLE	2E	0	PHEL	.43	3
Bc	BERMUDIAN SILT LOAM	1	BERMUDIAN	1	1	NHEL	.37	4
Bd	BIRDSBORO SILT LOAM, ERODED UNDULATING PHASE	1	BIRDSBORO	2E	1	PHEL	.28	4
Be	BOWMANVILLE SILT LOAM	1	BOWMANVILLE	3W	0	NHEL	.32	4
Bf	BRECKNOCK SILT LOAM, ERODED UNDULATING PHASE	1	BRECKNOCK	2E	1	PHEL	.32	3
Bg	BRECKNOCK SILT LOAM, ERODED ROLLING PHASE	1	BRECKNOCK	3E	0	HEL	.32	3
Bh	BRECKNOCK LOAM, UNDULATING PHASE	1	BRECKNOCK	2E	1	PHEL	.32	3
Bk	BRECKNOCK LOAM, ERODED ROLLING PHASE	1	BRECKNOCK	3E	0	HEL	.32	3
Bm	BREMO-ORANGE SILT LOAMS, ROLLING PHASES	1	BREMO	4E	0	HEL	.28	2
Bn	BUCKS SILT LOAM, ERODED UNDULATING PHASE	1	BUCKS	2E	1	PHEL	.32	4
Bo	BUCKS LOAM, UNDULATING PHASE	1	BUCKS	2E	1	PHEL	.32	4
Ca	CALVERTON SILT LOAM, UNDULATING PHASE	1	CALVERTON	3W	0	PHEL	.43	3
Cb	CALVERTON SILT LOAM, NEARLY LEVEL PHASE	1	CALVERTON	3W	0	PHEL	.43	3
Cc	CALVERTON LOAM, UNDULATING PHASE	1	CALVERTON	3W	0	PHEL	.43	3
Cd	CATLETT GRAVELLY SILT LOAM, UNDULATING PHASE	1	CATLETT	3E	0	PHEL	.15	2
Ce	CATLETT GRAVELLY SILT LOAM, ERODED ROLLING PHASE	1	CATLETT	4E	0	HEL	.20	2
Cf	CATLETT GRAVELLY SILT LOAM, ERODED HILLY PHASE	1	CATLETT	6E	0	HEL	.20	2
Cg	CHEWACLA SILT LOAM	1	CHEWACLA	4W	0	NHEL	.24	5
Ch	COLFAX LOAM, UNDULATING PHASE	1	COLFAX	3W	0	PHEL	.37	3
Ck	CROTON SILT LOAM	1	CROTON	4W	2	PHEL	.37	3
Ea	ELBERT SILT LOAM	1	ELBERT	4W	0	PHEL	.49	3
Eb	ELIOAK SILT LOAM, ERODED UNDULATING PHASE	1	ELIOAK	2E	1	PHEL	.32	4
Ec	ELIOAK SILT LOAM, ERODED ROLLING PHASE	1	ELIOAK	2E	1	PHEL	.32	4
Ed	ELIOAK SILT LOAM, SEVERELY ERODED ROLLING PHASE	1	ELIOAK	4E	0	PHEL	.32	4
Ee	ELIOAK SILT LOAM, ERODED HILLY PHASE	1	ELIOAK	4E	0	PHEL	.32	4
Ef	ELKTON SILT LOAM	1	ELKTON		2	PHEL	.43	4
Eg	ENON SILT LOAM, ERODED UNDULATING PHASE	1	ENON	3E	1	PHEL	.24	2
Eh	ENON SILT LOAM, ERODED ROLLING PHASE	1	ENON	4E	0	HEL	.28	2
Fa	FAIRFAX SILT LOAM, UNDULATING PHASE	1	FAIRFAX	2E	1	PHEL	.28	4
Fb	FAIRFAX SILT LOAM, ERODED ROLLING PHASE	1	FAIRFAX	3E	0	HEL	.28	4
Fc	FAIRFAX LOAM, UNDULATING PHASE	1	FAIRFAX	2E	1	PHEL	.28	4
Ga	GALESTOWN LOAMY FINE SAND	1	GALESTOWN	3S	0	NHEL	.17	5
Gb	GLENELG SILT LOAM, UNDULATING PHASE	1	GLENELG	2E	1	PHEL	.28	3
Gc	GLENELG SILT LOAM, ERODED ROLLING PHASE	1	GLENELG	3E	0	HEL	.32	3
Gd	GLENELG SILT LOAM, SEVERELY ERODED ROLLING PHASE	1	GLENELG	4E	0	HEL	.32	3
Ge	GLENELG SILT LOAM, ERODED HILLY PHASE	1	GLENELG	4E	0	HEL	.32	3
Gf	GLENELG SILT LOAM, SEVERELY ERODED HILLY PHASE	1	GLENELG	6E	0	HEL	.32	3
Gg	GLENVILLE SILT LOAM	1	GLENVILLE	2E	0	NHEL	.28	3
Hb	HUNTINGTON SILT LOAM	1	HUNTINGTON	2W	1	NHEL	.28	5
Ib	IREDELL-MECKLENBURG SILT LOAMS, ERODED UNDULATING PHASE S	1	IREDELL	3E	0	PHEL	.32	3
Ic	IREDELL-MECKLENBURG SILT LOAMS, ERODED ROLLING PHASES	1	IREDELL	6E	0	HEL	.32	3
Id	IREDELL-MECKLENBURG STONY SILT LOAMS, ERODED UNDULATING PHASES	1	IREDELL	3E	0	PHEL	.32	3
Ie	IREDELL-MECKLENBURG STONY SILT LOAMS, ERODED ROLLING PHASES	1	IREDELL	6E	0	HEL	.32	3

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Ka	KELLY SILT LOAM, UNDULATING PHASE	1	KELLY	4W	0	PHEL	.37	3
Kn	LENOIR SILT LOAM	1	LENOIR	3W	0	NHEL	.28	5
La	IREDELL SILT LOAM	1	IREDELL	2E	0	NHEL	.32	5
Lb	LINDSIDE SILT LOAM	1	LINDSIDE	2W	1	NHEL	.32	5
Lc	LLOYD LOAM, ERODED UNDULATING PHASE	1	LLOYD	2E	1	PHEL	.37	4
Ld	LOUISBURG COARSE SANDY LOAM, ROLLING PHASE	1	LOUISBURG	6E	0	HEL	.24	2
Le	LOUISBURG COARSE SANDY LOAM, HILLY PHASE	1	LOUISBURG	7E	0	HEL	.24	2
Lf	LOUISBURG COARSE SANDY LOAM, STEEP PHASE	1	LOUISBURG	7E	0	HEL	.24	2
Lg	LUNT FINE SANDY LOAM, UNDULATING PHASE	1	LUNT	2E	0	PHEL	.32	4
Lh	LUNT FINE SANDY LOAM, ERODED ROLLING PHASE	1	LUNT	4E	0	HEL	.32	4
Lk	LUNT FINE SANDY LOAM, ERODED HILLY PHASE	1	LUNT	6E	0	HEL	.32	4
Ma	MANASSAS SILT LOAM	1	MANASSAS	2W	1	NHEL	.37	4
Mb	MANOR SILT LOAM, ROLLING PHASE	1	MANOR	3E	0	HEL	.32	3
Mc	MANOR SILT LOAM, HILLY PHASE	1	MANOR	4E	0	HEL	.32	3
Md	MANOR SILT LOAM, ERODED HILLY PHASE	1	MANOR	4E	0	HEL	.32	3
Me	MANOR SILT LOAM, STEEP PHASE	1	MANOR	7E	0	HEL	.32	3
Mg	MASADA GRAVELLY LOAM, ERODED ROLLING PHASE	1	MASADA	3E	0	HEL	.24	4
Mk	MATAPEAKE SILT LOAM, UNDULATING PHASE	1	MATAPEAKE	2E	1	PHEL	.37	4
MI	MATAPEAKE SILT LOAM, NEARLY LEVEL PHASE	1	MATAPEAKE	1	1	NHEL	.37	4
Mm	MATTAPEX SILT LOAM, NEARLY LEVEL PHASE	1	MATTAPEX	2W	1	PHEL	.43	4
Mn	MATTAPEX SILT LOAM, UNDULATING PHASE	1	MATTAPEX	2E	1	PHEL	.43	4
Mo	MAYODAN SILT LOAM, UNDULATING PHASE	1	MAYODAN	2E	1	PHEL	.24	4
Mp	MEADOWVILLE SILT LOAM	1	MEADOWVILLE	2W	1	PHEL	.37	3
Ms	MONTALTO SILT LOAM, ERODED ROLLING PHASE	1	MONTALTO	3E	0	HEL	.32	4
Oa	ORANGE SILT LOAM, UNDULATING PHASE	1	ORANGE	3E	0	PHEL	.24	2
Pa	PENN FINE SANDY LOAM, ERODED UNDULATING PHASE	1	PENN	3E	0	PHEL	.32	3
Pb	PENN FINE SANDY LOAM, ERODED ROLLING PHASE	1	PENN	4E	0	HEL	.32	3
Pc	PENN FINE SANDY LOAM, ERODED HILLY PHASE	1	PENN	4E	0	HEL	.32	3
Pd	PENN LOAM, ERODED UNDULATING PHASE	1	PENN	2E	0	PHEL	.32	3
Pe	PENN LOAM, ERODED ROLLING PHASE	1	PENNN	3E	0	HEL	.32	3
Pf	PENN LOAM, ERODED HILLY PHASE	1	PENN	4E	0	HEL	.32	3
Pg	PENN SHALY SILT LOAM, ERODED ROLLING PHASE	1	PENN	3E	0	HEL	.32	3
Ph	PENN SHALY SILT LOAM, ERODED HILLY PHASE	1	PENN	4E	0	HEL	.32	3
Pk	PENN SHALY SILT LOAM, ERODED STEEP PHASE	1	PENN	6E	0	HEL	.32	3
Pm	PENN SILT LOAM, ERODED UNDULATING PHASE	1	PENN	2E	0	PHEL	.32	3
Pn	PENN SILT LOAM, ERODED ROLLING PHASE	1	PENN	3E	0	HEL	.32	3
Po	PENN SILT LOAM, ERODED HILLY PHASE	1	PENN	4E	0	HEL	.32	3
Ra	RARITAN SILT LOAM	1	RARITAN	2E	0	PHEL	.37	3
Rb	READINGTON SILT LOAM, UNDULATING PHASE	1	READINGTON	2E	0	PHEL	.32	
2	3							
Rg	ROWLAND SILT LOAM	1	ROWLAND	2W	1	NHEL	.43	4
Sa	SASSAFRAS FINE SANDY LOAM, NEARLY LEVEL PHASE	1	SASSAFRAS	1	1	NHEL	.28	4
Sb	SASSAFRAS FINE SANDY LOAM, UNDULATING PHASE	1	SASSAFRAS	2E	1	PHEL	.28	4
Sc	SASSAFRAS FINE SANDY LOAM, ERODED ROLLING PHASE	1	SASSAFRAS	4E	0	HEL	.28	4
Wa	WEHADKEE SILT LOAM	1	WEHADKEE	6W	0	NHEL	.24	5
Wb	WICKHAM AND HIWASSEE LOAMS, UNDULATING PHASES	1	WICKHAM	2E	1	PHEL	.24	5
Wb	WICKHAM AND HIWASSEE LOAMS, UNDULATING PHASES	2	HIWASSEE	2E	1	PHEL	.28	5
Wc	WOODSTOWN FINE SANDY LOAM, NEARLY LEVEL PHASE	1	WOODSTOWN	2W	1	NHEL	.28	4
Wd	WOODSTOWN FINE SANDY LOAM, UNDULATING PHASE	1	WOODSTOWN	2W	1	PHEL	.28	4
We	WORSHAM SILT LOAM	1	WORSHAM	4W	0	NHEL	.28	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.