HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- STAFFORD AND KING GEORGE COUNTIES, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
								1-
AfA	ALTAVISTA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	ALTAVISTA	2W	1	NHEL	.24	5
AfB	ALTAVISTA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	ALTAVISTA	2E	1	PHEL	.24	5
AfC2	ALTAVISTA FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	ALTAVISTA	3E	0	PHEL	.24	5
AlB	APPLING FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	APPLING FINE SANDY LOAM	2E	1	PHEL	.24	4
AlC2	APPLING FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	APPLING	4E	0	PHEL	.24	4
AnB	APPLING GRAVELLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	APPLING	2S	1	PHEL	.15	4
AnC2	APPLING GRAVELLY FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	APPLING	3S	0	PHEL	.15	4
ApC3	APPLING CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	APPLING	4E	0	PHEL	.20	4
AsD	ASHLAR FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	ASHLAR	4E	0	HEL	.24	2
AsE	ASHLAR FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	ASHLAR	6E	0	HEL	.24	2
AsF	ASHLAR FINE SANDY LOAM, 25 TO 35 PERCENT SLOPES	1	ASHLAR FINE SANDY LOAM	7E	0	HEL	.24	2
AtA	ATLEE SILT LOAM, 0 TO 2 PERCENT SLOPES	1	ATLEE	2W	1	NHEL	.37	4
AtB	ATLEE SILT LOAM, 2 TO 6 PERCENT SLOPES	1	ATLEE	2E	1	PHEL	.37	4
Au	AUGUSTA LOAM	1	AUGUSTA	3W	0	NHEL	.24	4
AvB	AURA GRAVELLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	AURA	2E	0	PHEL	.37	3
AvC2	AURA GRAVELLY FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	AURA	3E	0	HEL	.37	3
AvD2	AURA GRAVELLY FINE SANDY LOAM, 10 TO 18 PERCENT SLOPES, ERODED	1	AURA	3E	0	HEL	.37	3
AvE2	AURA GRAVELLY FINE SANDY LOAM, 18 TO 35 PERCENT SLOPES, ERODED	1	AURA	3E	0	HEL	.37	3
AwD	AURA-GALESTOWN-SASSAFRAS COMPLEX, 6 TO 15 PERCENT SLOPES	1	AURA	3E	0	HEL	.37	3
AwE	AURA-GALESTOWN-SASSAFRAS COMPLEX, 15 TO 30 PERCENT SLOPES	1	AURA	3E	0	HEL	.37	3
	PERCENT SLOPES							
BaA	BERTIE VERY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	1	BERTIE	2W	1	NHEL	.20	5
Bb	BIBB FINE SANDY LOAM, 0 TO 4 PERCENT SLOPES	1	BIBB	5W	0	NHEL	.20	5
Bd	BLADEN LOAM, 0 TO 2 PERCENT SLOPES	1	BLADEN	6W	0	NHEL	.37	5
BmA	BOURNE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	BOURNE	2W	0	NHEL	.28	3
BmB	BOURNE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	BOURNE	2E	0	PHEL	.28	3
BmC2	BOURNE FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	BOURNE	3E	0	HEL	.28	3
BnB	BOURNE FINE SANDY LOAM, GRAVELLY SUBSOIL VARIANT, 2 TO 6 PERCENT SLOPES	1	BOURNE VARIANT	2E	0	PHEL	.28	3
BnC2	BOURNE FINE SANDY LOAM, GRAVELLY SUBSOIL VARIANT 6 TO 10 PERCENT SLOPES, ERODED	1	BOURNE VARIANT	3E	0	PHEL	.28	3
BoB	BOURNE LOAM, ROCK SUBSTRATUM, 2 TO 6 PERCENT SLOPES	1	BOURNE	2E	0	PHEL	.28	3
BoC2	BOURNE LOAM, ROCK SUBSTRATUM, 6 TO 10 PERCENT SLOPES, ERODED	1	BOURNE	3E	0	PHEL	.28	3
BrD	BREMO LOAM, 6 TO 15 PERCENT SLOPES	1	BREMO	4E	0	HEL	.28	2
BrE	BREMO LOAM, 15 TO 35 PERCENT SLOPES	1	BREMO	7E	0	HEL	.28	2
CaB2	CAROLINE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	CAROLINE	2E	1	PHEL	.43	5
CaC2	CAROLINE FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	CAROLINE	3E	0	HEL	.43	5
CaD2	CAROLINE FINE SANDY LOAM, 10 TO 18 PERCENT SLOPES, ERODED	1	CAROLINE	4E	0	HEL	.43	5
CcC3	CAROLINE CLAY LOAM, 6 TO 10 PERCENT SLOPES, SEVERELY ERODED	1	CAROLINE	4E	0	HEL	.43	4
CcD3	CAROLINE CLAY LOAM, 10 TO 18 PERCENT SLOPES,	1	CAROLINE	6E	0	HEL	.43	4

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	SEVERELY ERODED							
CdD	CAROLINE-SASSAFRAS COMPLEX, 10 TO 15 PERCENT SLOPES	1	CAROLINE	6E	0	HEL	.43	5
CdE	CAROLINE-SASSAFRAS COMPLEX, 15 TO 30 PERCENT SLOPES	1	CAROLINE	7E	0	HEL	.43	5
Ce	CARTECAY FINE SANDY LOAM	1	CARTECAY	5W	0	NHEL	.24	5
CfB2	CECIL FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	CECIL	2E	1	PHEL	.28	4
CfC2	CECIL FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	PHEL	.28	4
CgB2	CECIL GRAVELLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES ERODED	1	CECIL	2E	1	HEL	.15	4
ChC3	CECIL CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	PHEL	.28	4
ClB	COLFAX FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	COLFAX	3W	0	PHEL	.28	3
CmB	COLFAX FINE SANDY LOAM, GRAVELLY SUBSOIL VARIANT, 2 TO 6 PERCENT SLOPES	1	COLFAX VARIANT	3W	0	PHEL	.28	3
Cn	CONGAREE LOAM	1	CONGAREE	3W	0	PHEL	.24	5
CrA	CRAVEN LOAM, 0 TO 2 PERCENT SLOPES	1	CRAVEN	2W	1	NHEL	.37	5
CrB	CRAVEN LOAM, 2 TO 6 PERCENT SLOPES	1	CRAVEN	3E	1	PHEL	.37	5
CuB2	CULLEN LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	CULLEN	3E	1	PHEL	.37	4
CuC2	CULLEN LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	CULLEN	4E	0	PHEL	.37	4
CvC3	CULLEN CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	4E	0	HEL	.237	3
DoA	DOGUE LOAM, 0 TO 2 PERCENT SLOPES	1	DOGUE	2W	1	NHEL	.37	4
DoB	DOGUE LOAM, 2 TO 6 PERCENT SLOPES	1	DOGUE	2E	1	PHEL	.37	4
Eb	ELBERT SILT LOAM, THIN SOLUM VARIANT	1	ELBERT VARIANT	4W	0	NHEL	.49	3
ElB2	ELIOAK SILT LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	ELIOAK	2E	1	PHEL	.32	4
ElC2	ELIOAK SILT LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	ELIOAK	3E	0	PHEL	.32	4
EmC3	ELIOAK SILTY CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	ELIOAK	3E	0	PHEL	.32	2
FaB	FAIRFAX LOAM, 2 TO 6 PERCENT SLOPES	1	FAIRFAX	2E	1	PHEL	.43	4
Fd	FALLSINGTON VERY FINE SANDY LOAM	1	FALLSINGTON	4W	1	NHEL	.28	4
Fs	FRESH WATER SWAMP	1	FRESH WATER SWAMP		0	NHEL	.20	3
GsD	GALESTOWN-SASSAFRAS COMPLEX, 6 TO 15 PERCENT SLOPES	1	GALESTOWN	7S	0	PHEL	.17	5
GsE	GALESTOWN-SASSAFRAS COMPLEX, 15 TO 30 PERCENT SLOPES	1	GALESTOWN	7S	0	HEL	.17	5
GsF	GALESTOWN-SASSAFRAS COMPLEX, 30 TO 45 PERCENT SLOPES	1	GALESTOWN	7S	0	HEL	.17	5
Iu	IUKA FINE SANDY LOAM, LOCAL ALLUVIUM, 0 TO 4 PERCENT SLOPES	1	IUKA	2W	2	NHEL	.17	5
KeA	KEMPSVILLE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	KEMPSVILLE	1	1	NHEL	.28	4
KeB	KEMPSVILLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	2E	1	PHEL	.28	4
KfB	KEMPSVILLE FINE SANDY LOAM, GRAVELLY SUBSTRATUM, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	2E	0	PHEL	.28	4
KfC2	KEMPSVILLE FINE SANDY LOAM, GRAVELLY SUBSTRATUM, 6 TO 10 PERCENT SLOPES, ERODED	1	KEMPSVILLE	3E	0	PHEL	.28	4
KfD2	KEMPSVILLE FINE SANDY LOAM, GRAVELLY SUBSTRATUM, 10 TO 18 PERCENT SLOPES, ERODED	1	KEMPSVILLE	4E	0	HEL	.28	4
LgA	LIGNUM SILT LOAM, 0 TO 2 PERCENT SLOPES	1	LUGNUM	2W	0	NHEL	.43	3
LgB	LIGNUM SILT LOAM, 2 TO 6 PERCENT SLOPES	1	LIGNUM	2E	0	PHEL	.43	3
MaD	MANOR SILT LOAM, 6 TO 15 PERCENT SLOPES	1	MANOR	3E	0	HEL	.37	3
MaE	MANOR SILT LOAM, 15 TO 35 PERCENT SLOPES	1	MANOR	6E	0	HEL	.37	3
MdB	MARR VERY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	MARR	2E	1	PHEL	.32	3

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MdC2	MARR VERY FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	MARR	3E	0	HEL	.32	3
MdD2	MARR VERY FINE SANDY LOAM, 10 TO 15 PERCENT SLOPES, ERODED	1	MARR	4E	0	HEL	.32	3
MdE2	MARR VERY FINE SANDY LOAM, 15 TO 30 PERCENT SLOPES, ERODED	1	MARR	6E	0	HEL	.32	3
Me	MEADOWVILLE SILT LOAM	1	MEADOWVILLE	2E	1	PHEL	.37	3
MkB2	MECKLENBURG LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	MECKLENBURG	2E	1	PHEL	.24	4
MkC2	MECKLENBURG LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	MECKLENBURG	3E	0	PHEL	.24	4
MlC3	MECKLENBURG CLAY LOAM, 6 TO 10 PERCENT SLOPES, SEVERELY ERODED	1	MECKLENBURG	3E	0	HEL	.28	2
NaB	NASON SILT LOAM, 2 TO 6 PERCENT SLOPES	1	NASON	2E	0	PHEL	.37	4
NaC2	NASON SILT LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	NASON	3E	0	PHEL	.37	4
NcC3	NASON SILT CLAY LOAM, 6 TO 10 PERCENT SLOPES, SEVERELY ERODED	1	NASON	3E	0	HEL	.37	3
OrA	ORANGE LOAM, 0 TO 2 PERCENT SLOPES	1	ORANGE	4W	0	NHEL	.49	3
OrB	ORANGE LOAM, 2 TO 6 PERCENT SLOPES	1	ORANGE	3E	0	PHEL	.49	3
OrC2	ORANGE LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	ORANGE	4E	0	HEL	.49	3
Po	POOLER LOAM, THIN SOLUM VARIANT, 0 TO 2 PERCENT SLOPES	1	POOLER VARIANT	6W	0	NHEL	.24	5
Ro	ROANOKE SILT LOAM, 0 TO 2 PERCENT SLOPES	1	ROANOKE	5W	0	NHEL	.37	4
SfA	SASSAFRAS FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	SASSAFRAS	1	1	NHEL	.28	4
SfB	SASSAFRAS FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SASSAFRAS	2E	1	PHEL	.28	4
SfC2	SASSAFRAS FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	SASSAFRAS	3E	0	PHEL	.28	4
SfD2	SASSAFRAS FINE SANDY LOAM, 10 TO 15 PERCENT SLOPES, ERODED	1	SASSAFRAS	4E	0	HEL	.28	4
SfE2	SASSAFRAS FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, ERODED	1	SASSAFRAS	7E	0	HEL	.28	4
Sn	STATE FINE SANDY LOAM, LOCAL ALLUVIUM	1	STATE	2E	1	NHEL	.28	5
SuC	SUEQUEHANNA SOILS, 2 TO 10 PERCENT SLOPES	1	SUEQUEHANNA	6E	0	PHEL	.37	5
TeA	TETOTUM FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	TETOTUM	2W	1	NHEL	.28	4
TeB	TETOTUM FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	TETOTUM	2E	1	PHEL	.28	4
TeC2	TETOTUM FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	TETOTUM	3E	0	PHEL	.28	4
Tm	TIDAL MARSH	1	TIDAL MARSH		0	NHEL		
TuA	TURBEVILLE LOAM, 0 TO 2 PERCENT SLOPES	1	TURBEVILLE	1	1	NHEL	.37	5
TuB	TURBEVILLE LOAM, 2 TO 6 PERCENT SLOPES	1	TURBEVILLE	2E	1	PHEL	.37	5
TuC2	TURBEVILLE LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	TURBEVILLE	3E	0	PHEL	.37	5
Wa	WAHEE SILT LOAM	1	WAHEE	2W	0	NHEL	.28	5
WgD	WATT SILT LOAM, GRAY SURFACE VARIANT, 10 TO 15 PERCENT SLOPES	1	WATT VARIANT	4E	0	HEL	.32	2
WgE	WATT SILT LOAM, GRAY SURFACE VARIANT, 15 TO 35 PERCENT SLOPES	1	WATT VARIANT	7E	0	HEL	.32	2
Wh	WEHADKEE VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	WEHADKEE	6W	0	NHEL	.24	5
WlB	WESTPHALIA LOAMY VERY FINE SAND, 2 TO 6 PERCENT SLOPES	1	WESTPHALIA	2E	0	PHEL	.49	4

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W1D2	WESTPHALIA LOAMY VERY FINE SAND, 6 TO 15 PERCENT SLOPES, ERODED	1	WESTPHALIA	3E	0	HEL	.49	4
W1E2	WESTPHALIA LOAMY VERY FINE SAND, 15 TO 30 PERCENT SLOPES, ERODED	1	WESTPHALIA	7E	0	HEL	.49	4
WmA	WICKHAM FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	WICKHAM	1	1	NHEL	.24	5
WmB	WICHKAM FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	WICHKAM	2E	1	PHEL	.24	5
WmC2	WICKHAM FINE SANDY LOAM, 6 TO 12 PERCENT SLOPES, ERODED	1	WICKHAM	3E	0	PHEL	.24	5
WnA	WICKHAM SANDY LOAM, THIN SOLUM VARIANT, 0 TO 2 PERCENT SLOPES	1	WICKHAM VARIANT	1	0	NHEL	.24	5
WnB	WICKHAM SANDY LOAM, THIN SOLUM, VARIANT, 2 TO 6 PERCENT SLOPES	1	WICKHAM VARIANT	2E	0	PHEL	.24	5
WnC	WICKHAM SANDY LOAM THIN SOLUM VARIANT, 6 TO 12 PERCENT SLOPES	1	WICKHAM VARIANT	3E	0	HEL	.24	5
WoA	WOODSTOWN FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	WOODSTOWN	2W	1	NHEL	.28	4
WoB	WOODSTOWN FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	WOODSTOWN	2W	1	NHEL	.28	4
Wr	WORSHAM LOAM	1	WORSHAM	4W	0	NHEL	.37	4
ZlB	ZION LOAM, DEEP VARIANT, 2 TO 6 PERCENT SLOPES	1	ZION VARIANT	2E	0	PHEL	.37	2
ZlC2	ZION LOAM, DEEP VARIANT, 6 TO 10 PERCENT SLOPES, ERODED	1	ZION VARIANT	3E	0	HEL	.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.