

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- CHARLOTTE COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
AbB	ABELL SOILS, 2 TO 6 PERCENT SLOPES	1	ABELL	2E	1	PHEL	.28	4
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
AgB2	APPLING FINE GRAVELLY SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	APPLING	2S	1	PHEL	.15	4
AgD2	APPLING FINE GRAVELLY SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	APPLING	4S	0	PHEL	.15	4
AgE2	APPLING FINE GRAVELLY SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	APPLING	6E	0	HEL	.15	4
AlB2	APPLING FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	APPLING	2E	1	PHEL	.24	4
AlC	APPLING FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	APPLING	3E	0	PHEL	.24	4
AlD2	APPLING FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	APPLING	4E	0	PHEL	.24	4
AlE2	APPLING FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	APPLING	6E	0	HEL	.24	4
AmB2	APPLING FINE SANDY LOAM, VERY DEEP, 2 TO 6 PERCENT SLOPES, ERODED	1	APPLING	2E	1	PHEL	.24	4
AmD2	APPLING FINE SANDY LOAM, VERY DEEP, 6 TO 15 PERCENT SLOPES, ERODED	1	APPLING	4E	0	PHEL	.24	4
ApC3	APPLING CLAY LOAM, 4 TO 10 PERCENT SLOPES, SEVERELY ERODED	1	APPLING	3E	0	PHEL	.28	3
ApE3	APPLING CLAY LOAM, 10 TO 20 PERCENT SLOPES, SEVERELY ERODED	1	APPLING	6E	0	HEL	.28	3
AuA	AUGUSTA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	AUGUSTA	3W	2	NHEL	.20	4
AuB	AUGUSTA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	AUGUSTA	3W	2	PHEL	.20	4
Bn	BUNCOMBE LOAMY SAND	1	BUNCOMBE	5W	0	NHEL	.10	5
Bt	BUNCOMBE-TOCCOA COMPLEX	1	BUNCOMBE	5W	0	NHEL	.10	5
Bt	BUNCOMBE-TOCCOA COMPLEX	2	TOCCOA	3W	0	NHEL	.10	4
CcB2	CECIL FINE GRAVELLY SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	CECIL		1	PHEL	.28	4
CcD2	CECIL FINE GRAVELLY SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	CECIL		0	PHEL	.28	4
CcE2	CECIL FINE GRAVELLY SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	CECIL		0	HEL	.28	4
CeB2	CECIL FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	CECIL	2E	1	PHEL	.28	4
CeD2	CECIL FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	CECIL	4E	0	PHEL	.28	4
CeE2	CECIL FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	CECIL	6E	0	HEL	.28	4
CfB2	CECIL FINE SANDY LOAM, VERY DEEP, 2 TO 6 PERCENT SLOPES, ERODED	1	CECIL	2E	1	PHEL	.28	4
CfD2	CECIL FINE SANDY LOAM, VERY DEEP, 6 TO 15 PERCENT SLOPES, ERODED	1	CECIL	4E	0	PHEL	.28	4
CfE2	CECIL FINE SANDY LOAM, VERY DEEP, 15 TO 25 PERCENT SLOPES, ERODED	1	CECIL	6E	0	HEL	.28	4
ClB3	CECIL CLAY LOAM, VERY DEEP, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	3E	0	PHEL	.28	3
ClD3	CECIL CLAY LOAM, VERY DEEP, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	PHEL	.28	3
ClE3	CECIL CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	6E	0	HEL	.28	3
CmB3	CECIL CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	3E	0	PHEL	.28	3
CmD3	CECIL CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	PHEL	.28	3
Cn	CHEWACLA SILT LOAM	1	CHEWACLA	4W	0	NHEL	.28	5
CoB	COLFAX FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	COLFAX	3W	0	PHEL	.17	3
Cr	CONGAREE SILT LOAM	1	CONGAREE	2W	1	NHEL	.37	5

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CsB2	CREEDMOOR SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	CREEDMOOR	2E	0	PHEL	.28	3
CsC2	CREEDMOOR SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	CREEDMOOR	3E	0	PHEL	.28	3
CuB2	CULLEN LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	CULLEN	2E	0	PHEL	.37	4
CuD2	CULLEN LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	CULLEN	3E	0	HEL	.37	4
CuE2	CULLEN LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	CULLEN	4E	0	HEL	.37	4
CvB3	CULLEN CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	3E	1	PHEL	.24	3
CvD3	CULLEN CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	4E	0	HEL	.24	3
EnB2	ENON FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	ENON	3E	1	PHEL	.24	3
EnC2	ENON FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	ENON	4E	0	HEL	.24	3
EoC3	ENON CLAY LOAM, 4 TO 12 PERCENT SLOPES, SEVERELY ERODED	1	ENON	6E	0	PHEL	.28	2
GeB2	GEORGEVILLE SILT LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	GEORGEVILLE	2E	1	PHEL	.49	4
GeD2	GEORGEVILLE SILT LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	GEORGEVILLE	4E	0	HEL	.49	4
GeE2	GEORGEVILLE SILT LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	GEORGEVILLE	6E	0	HEL	.49	4
GgB3	GEORGEVILLE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	GEORGEVILLE	3E	0	PHEL	.49	4
GgD3	GEORGEVILLE SILTY CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	GEORGEVILLE	6E	0	HEL	.49	4
GoC	GOLDSTON SILT LOAM, 4 TO 10 PERCENT SLOPES	1	GOLDSTON	4S	0	HEL	.15	1
GoD	GOLDSTON SILT LOAM, 10 TO 15 PERCENT SLOPES	1	GOLDSTON	4S	0	HEL	.15	1
GoF	GOLDSTON SILT LOAM, 15 TO 35 PERCENT SLOPES	1	GOLDSTON	7S	0	HEL	.15	1
GrB2	GROVER SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	GROVER	2E	1	PHEL	.24	3
GrD2	GROVER SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	GROVER	4E	0	PHEL	.24	3
GuE	GULLIED LAND-CECIL COMPLEX, MODERATELY STEEP	2	CECIL	6E	0	HEL	.28	3
HeB	HELENA FINE GRAVELLY SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	HELENA	2E	1	PHEL	.15	4
HeC2	HELENA FINE GRAVELLY SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	HELENA	3E	0	HEL	.15	4
HfB2	HELENA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	HELENA	2E	0	PHEL	.24	4
HfC2	HELENA FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	HELENA	3E	0	PHEL	.24	4
HnB2	HERNDON SILT LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	HERNDON	2E	1	PHEL	.43	5
HnD2	HERNDON SILT LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	HERNDON	4E	0	HEL	.43	5
HrB3	HERNDON SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	HERNDON	3E	0	PHEL	.49	4
HrD3	HERNDON SILTY CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	HERNDON	6E	0	HEL	.49	4
IrB	IREDELL LOAM, 2 TO 6 PERCENT SLOPES	1	IREDELL	2E	0	PHEL	.32	3
IrB2	IREDELL LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	IREDELL	2E	0	PHEL	.32	3
IrC2	IREDELL LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	IREDELL	3E	0	HEL	.32	3
LoD	LOUISA FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	LOUISA	6E	0	HEL	.28	2
LoF	LOUISA FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES	1	LOUISA	7E	0	HEL	.28	2
LsE3	LOUISA AND LOUISBURG SOILS, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	LOUISA	7E	0	HEL	.28	2
LsE3	LOUISA AND LOUISBURG SOILS, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	2	LOUISBURG	7E	0	HEL	.24	3
LuC	LOUISBURG SANDY LOAM, 4 TO 10 PERCENT SLOPES	1	LOUISBURG	4E	0	HEL	.24	3
LuD	LOUISBURG SANDY LOAM, 10 TO 15 PERCENT SLOPES	1	LOUISBURG	6E	0	HEL	.24	3
LuF	LOUISBURG SANDY LOAM, 15 TO 35 PERCENT SLOPES	1	LOUISBURG	7E	0	HEL	.24	3
MaB2	MADISON FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	MADISON	2E	1	PHEL	.24	4

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Mad2	MADISON FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	MADISON	4E	0	PHEL	.24	4
McB3	MADISON CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	MADISON	3E	0	PHEL	.28	3
McD3	MADISON CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	MADISON	6E	0	PHEL	.28	3
MdE2	MADISON AND GROVER FINE SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	MADISON	6E	0	HEL	.24	4
MdE2	MADISON AND GROVER FINE SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	2	GROVER	6E	0	HEL	.24	3
MeB2	MASADA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	MASADA	2E	1	PHEL	.32	4
MeD2	MASADA FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	MASADA	3E	0	PHEL	.32	4
MeE	MASADA FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	MASADA	4E	0	HEL	.32	4
MfB2	MAYODAN SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	MAYODAN	2E	1	PHEL	.24	4
MfD2	MAYODAN SANDY LOAM, 6 TO 15 PERCENT SLOPES ERODED	1	MAYODAN	4E	0	PHEL	.24	4
MkB2	MECKLENBURG LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	MECKLENBURG	2E	1	PHEL	.24	4
MkC2	MECKLENBURG LOAM, 6 TO 12 PERCENT SLOPES, ERODED	1	MECKLENBURG	3E	0	PHEL	.24	4
M1B	MECKLENBURG LOAM, LOAMY SUBSOIL VARIANT, 2 TO 6 PERCENT SLOPES	1	MECKLENBURG VARIANT	2E	1	PHEL	.24	4
M1C	MECKLENBURG LOAM, LOAMY SUBSOIL VARIANT, 6 TO 10 PERCENT SLOPES	1	MECKLENBURG VARIANT	3E	0	HEL	.24	4
M1E	MECKLENBURG LOAM, LOAMY SUBSOIL VARIANT, 10 TO 25 PERCENT SLOPES	1	MECKLENBURG VARIANT	6E	0	HEL	.24	4
M1E3	MECKLENBURG LOAM, LOAMY SUBSOIL VARIANT, 10 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	MECKLENBURG VARIANT	6E	0	HEL	.24	4
OrB	ORANGE SILT LOAM, 2 TO 6 PERCENT SLOPES	1	ORANGE	3E	0	PHEL	.28	3
OrB2	ORANGE SILT LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	ORANGE	3E	0	PHEL	.28	3
OrC2	ORANGE SILT LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	ORANGE	4E	0	HEL	.28	3
PaB2	PACOLET FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	PACOLET	2E	1	PHEL	.20	3
PaD2	PACOLET FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	PACOLET	4E	0	PHEL	.20	3
PaE2	PACOLET FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	PACOLET	6E	0	HEL	.20	3
PcC3	PACOLET CLAY LOAM, 4 TO 10 PERCENT SLOPES, SEVERELY ERODED	1	PACOLET	4E	0	PHEL	.24	2
PcD3	PACOLET CLAY LOAM, 10 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	PACOLET	6E	0	HEL	.24	2
PkC	PINKSTON FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	PINKSTON	4E	0	HEL	.20	2
PkE	PINKSTON FINE SANDY LOAM, 10 TO 25 PERCENT SLOPES	1	PINKSTON	6E	0	HEL	.20	2
Ro	ROANOKE SILT LOAM	1	ROANOKE	5W	0	NHEL	.37	4
SrB	STARR LOAM, 2 TO 6 PERCENT SLOPES	1	STARR	2E	1	PHEL	.28	5
StB	STATE SILT LOAM, 2 TO 6 PERCENT SLOPES	1	STATE	2W	1	PHEL	.28	5
To	TOCCOA FINE SANDY LOAM	1	TOCCOA	2W	1	NHEL	.10	4
TuB2	TURBEVILLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	TURBEVILLE	2E	1	PHEL	.32	5
TuD2	TURBEVILLE FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	TURBEVILLE	3E	0	PHEL	.32	5
TuF2	TURBEVILLE FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES, ERODED	1	TURBEVILLE	6E	0	HEL	.32	5
TvB3	TURBEVILLE CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	TURBEVILLE	3E	0	PHEL	.28	4
TvD3	TURBEVILLE CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	TURBEVILLE	4E	0	PHEL	.28	4
VaB2	VANCE FINE GRAVELLY SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	VANCE	3E	1	PHEL	.24	3

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VaD2	VANCE FINE GRAVELLY SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	VANCE	4E	0	PHEL	.24	3
VcB2	VANCE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	VANCE	3E	1	PHEL	.24	3
VcC2	VANCE FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	VANCE	4E	0	PHEL	.24	3
VcD2	VANCE FINE SANDY LOAM, 10 TO 15 PERCENT SLOPES, ERODED	1	VANCE	4E	0	HEL	.24	3
WdB2	WEDOWEE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	WEDOWEE	2E	1	PHEL	.24	3
WdD2	WEDOWEE FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	WEDOWEE	4E	0	PHEL	.24	3
We	WEHADKEE FINE SANDY LOAM, OVERWASH	1	WEHADKEE	6W	0	NHEL	.24	5
Wh	WEHADKEE SILT LOAM	1	WEHADKEE	6W	0	NHEL	.32	5
Wk	WEHADKEE-CHEWACLA COMPLEX	1	WEHADKEE	6W	0	NHEL	.24	5
Wk	WEHADKEE-CHEWACLA COMPLEX	2	CHEWACLA	4W	0	NHEL	.24	5
WlB	WICKHAM FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	WICKHAM	2E	1	PHEL	.24	5
WlC2	WICKHAM FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	WICKHAM	3E	0	PHEL	.24	5
WmB	WILKES FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	WILKES	4E	0	PHEL	.24	1
WmD	WILKES FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	WILKES	6E	0	HEL	.24	1
WmF	WILKES FINE SANDY LOAM, 15 TO 35 PERCENT SLOPES	1	WILKES	7E	0	HEL	.24	1
WnC3	WILKES SOILS, 4 TO 10 PERCENT SLOPES, SEVERELY ERODED	1	WILKES	4E	0	HEL	.28	1
WnF3	WILKES SOILS, 10 TO 35 PERCENT SLOPES, SEVERELY ERODED	1	WILKES	7E	0	HEL	.28	1
Wo	WORSHAM SOILS	1	WORSHAM	4W	0	NHEL	.37	4
Wr	WORSHAM SOILS, FRAGIPAN VARIANT	1	WORSHAM VARIANT	4W	0	NHEL	.28	4

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.