

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- CARROLL COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
AlB	ALTAVISTA SILT LOAM, GENTLY SLOPING	1	ALTAVISTA	2E	1	PHEL	.32	5
At	ATKINS LOAM	1	ATKINS	3W	0	NHEL	.28	5
BoE	BOLTON LOAM, STEEP	1	BOLTON	6E	0	HEL	.37	4
BrC	BRADDOCK COBBLY FINE SANDY LOAM SLOPING	1	BRADDOCK	7S	0	HEL	.10	4
Bu	BUNCOMBE LOAMY FINE SAND	1	BUNCOMBE	5W	0	NHEL	.10	5
CeB	CECIL FINE SANDY LOAM, GENTLY SLOPING	1	CECIL	2E	1	PHEL	.28	4
CeB2	CECIL FINE SANDY LOAM, GENTLY SLOPING, ERODED	1	CECIL	2E	1	PHEL	.28	4
CeC	CECIL FINE SANDY LOAM, SLOPING	1	CECIL	4E	0	HEL	.28	4
CeC2	CECIL FINE SANDY LOAM, SLOPING, ERODED	1	CECIL	4E	0	HEL	.28	4
CgB	CHESTER-GLENELG COBBLY LOAMS, GENTLY SLOPING	1	CHESTER	2E	0	PHEL	.32	5
CgB	CHESTER-GLENELG COBBLY LOAMS, GENTLY SLOPING	2	GLENELG	2E	0	PHEL	.32	5
CgC	CHESTER-GLENELG COBBLY LOAMS, SLOPING	1	CHESTER	3E	0	HEL	.32	5
CgC	CHESTER-GLENELG COBBLY LOAMS, SLOPING	2	GLENELG	3E	0	HEL	.32	5
CgC2	CHESTER-GLENELG COBBLY LOAMS, SLOPPING ERODED	1	CHESTER	3E	0	HEL	.32	5
CgC2	CHESTER-GLENELG COBBLY LOAMS, SLOPPING ERODED	2	GLENELG	3E	0	HEL	.32	5
CgE	CHESTER-GLENELG COBBLY LOAMS, STEEP	1	CHESTER	7E	0	HEL	.32	5
CgE	CHESTER-GLENELG COBBLY LOAMS, STEEP	2	GLENELG	7E	0	HEL	.32	5
CgE2	CHESTER-GLENELG COBBLY LOAMS, STEEP, ERODED	1	CHESTER	7E	0	HEL	.32	5
CgE2	CHESTER-GLENELG COBBLY LOAMS, STEEP, ERODED	2	GLENELG	7E	0	HEL	.32	5
ChB	CHESTER-GLENELG LOAMS, GENTLY SLOPING	1	CHESTER	2E	1	PHEL	.32	5
ChB	CHESTER-GLENELG LOAMS, GENTLY SLOPING	2	GLENELG	2E	1	PHEL	.32	5
ChB2	CHESTER-GLENELG LOAMS, GENTLY SLOPING, ERODED	1	CHESTER	2E	1	PHEL	.32	5
ChB2	CHESTER-GLENELG LOAMS, GENTLY SLOPING, ERODED	2	GLENELG	2E	1	PHEL	.32	5
ChC	CHESTER-GLENELG LOAMS, SLOPING	1	CHESTER	3E	0	HEL	.32	5
ChC	CHESTER-GLENELG LOAMS, SLOPING	2	GLENELG	3E	0	HEL	.32	5
ChC2	CHESTER-GLENELG LOAMS, SLOPING, ERODED	1	CHESTER	3E	0	HEL	.32	5
ChC2	CHESTER-GLENELG LOAMS, SLOPING, ERODED	2	GLENELG	3E	0	HEL	.32	5
ChE	CHESTER-GLENELG LOAMS, STEEP	1	CHESTER	7E	0	HEL	.32	5
ChE	CHESTER-GLENELG LOAMS, STEEP	2	GLENELG	7E	0	HEL	.32	5
ChE2	CHESTER-GLENELG LOAMS, STEEP, ERODED	1	CHESTER	7E	0	HEL	.32	5
ChE2	CHESTER-GLENELG LOAMS, STEEP, ERODED	2	GLENELG	7E	0	HEL	.32	5
ClC	CLYMER FINE SANDY LOAM, SLOPING	1	CLYMER	3E	0	HEL	.24	3
ClD	CLYMER FINE SANDY LOAM, MODERATELY STEEP	1	CLYMER	4E	0	HEL	.24	3
Co	CODORUS SILT LOAM	1	CODORUS	2W	0	NHEL	.37	5
Cs	CODORUS-HATBORO SILT LOAMS	1	CODORUS	2W	0	NHEL	.37	5
Cs	CODORUS-HATBORO SILT LOAMS	2	HATBORO	3W	0	NHEL	.37	5
Cu	COMUS FINE SANDY LOAM	1	COMUS	1	1	NHEL	.43	3
CyE	CORYDON ROCKY SOILS, STEEP	1	CORYDON	7E	0	HEL	.32	2
EdC	EDNEYVILLE FINE SANDY LOAM, SLOPING	1	EDNEYVILLE	4E	0	HEL	.24	4
EkC	ELIOAK SILT LOAM, SLOPING	1	ELIOAK	3E	0	HEL	.32	5
EkC2	ELIOAK SILT LOAM, SLOPING, ERODED	1	ELIOAK	3E	0	HEL	.32	5
EkD	ELIOAK SILT LOAM, MODERATELY STEEP	1	ELIOAK	4E	0	HEL	.32	5
Ekd2	ELIOAK SILT LOAM, MODERATELY STEEP,, ERODED	1	ELIOAK	4E	0	HEL	.32	5
FcC	FLETCHER LOAM, SLOPING	1	FLETCHER	3E	0	HEL	.43	3
FcD	FLETCHER LOAM, MODERATELY STEEP	1	FLETCHER		0	HEL	.43	3
GnC	GILPIN SILT LOAM, SLOPING	1	GILPIN	3E	0	HEL	.32	3
GnC2	GILPIN SILT LOAM, SLOPING, ERODED	1	GILPIN	3E	0	HEL	.32	3
GnD	GILPIN SILT LOAM, MODERATELY STEEP	1	GILPIN	4E	0	HEL	.32	3
Ha	HATBORO SILT LOAM	1	HATBORO	3W	0	NHEL	.37	5
Hb	HATBORO-TOXAWAY SILT LOAMS	1	HATBORO	3W	0	NHEL	.37	5
Hb	HATBORO-TOXAWAY SILT LOAMS	2	TOXAWAY		0	NHEL	.17	5
HcC	HAYESVILLE COBBLY LOAM, SLOPING	1	HAYESVILLE		0	HEL	.24	5
Hcd2	HAYESVILLE COBBLY LOAM, MODERATELY STEEP ERODED	1	HAYESVILLE		0	HEL	.24	5
HeB	HAYESVILLE LOAM, GENTLY SLOPING	1	HAYESVILLE	2E	1	PHEL	.20	5
HeB2	HAYESVILLE LOAM, GENTLY SLOPING, ERODED	1	HAYESVILLE	2E	1	PHEL	.20	5
HeC	HAYESVILLE LOAM, SLOPING	1	HAYESVILLE	4E	0	HEL	.20	5
HeC2	HAYESVILLE LOAM, SLOPING, ERODED	1	HAYESVILLE	4E	0	HEL	.20	5
HeD	HAYESVILLE LOAM, MODERATELY STEEP	1	HAYESVILLE	6E	0	HEL	.20	5
HeD2	HAYESVILLE LOAM, MODERATELY STEEP, ERODED	1	HAYESVILLE	6E	0	HEL	.20	5
HmE	HAZEL CHANNERY COMPLEX, STEEP	1	HAZEL	6E	0	HEL	.32	2
HmF	HAZEL CHANNERY COMPLEX, VERY STEEP	1	HAZEL CHANNERY	6E	0	HEL	.32	2
HnC	HAZEL COMPLEX, SLOPING	1	HAZEL	3E	0	HEL	.32	2
HnE	HAZEL COMPLEX, STEEP	1	HAZEL	6E	0	HEL	.32	2
HtB	HIWASSEE AND TURBEVILLE LOAMS, GENTLY SLOPING	1	HIWASSEE	2E	1	PHEL	.28	5

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Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
HtB	HIWASSEE AND TURBEVILLE LOAMS, GENTLY SLOPING	2	TURBEVILLE	2E	1	PHEL	.37	5
HtC	HIWASSEE AND TURBEVILLE LOAMS, SLOPING	1	HIWASSEE	4E	0	HEL	.28	5
HtC	HIWASSEE AND TURBEVILLE LOAMS, SLOPING	2	TURBEVILLE	3E	0	HEL	.37	5
HtD	HIWASSEE AND TURBEVILLE LOAMS, MODERATELY STEEP	1	HIWASSEE	6E	0	HEL	.28	5
HtD	HIWASSEE AND TURBEVILLE LOAMS, MODERATELY STEEP	2	TURBEVILLE	4E	0	HEL	.37	5
HuC	HIWASSEE AND TURBEVILLE COBBLY FINE SANDY LOAMS, SLOPING	1	HIWASSEE	4E	0	HEL	.28	5
HuC	HIWASSEE AND TURBEVILLE COBBLY FINE SANDY LOAMS, SLOPING	2	TURBEVILLE	4S	0	HEL	.28	4
HuD	HIWASSEE AND TURBEVILLE COBBLY FINE SANDY LOAMS, MODERATELY STEEP	1	HIWASSEE	6E	0	HEL	.28	5
HuD	HIWASSEE AND TURBEVILLE COBBLY FINE SANDY LOAMS, MODERATELY STEEP	2	TURBEVILLE	6S	0	HEL	.28	4
HvC	HIWASSEE AND TURBEVILLE FINE SANDY LOAMS, SLOPING	1	HIWASSEE	4E	0	HEL	.28	5
HvC	HIWASSEE AND TURBEVILLE FINE SANDY LOAMS, SLOPING	2	TURBEVILLE	3E	0	HEL	.32	5
LcE	LOUISA COMPLEX, STEEP	1	LOUISA	7E	0	HEL	.28	2
LoD	LOUISBURG COMPLEX, MODERATELY STEEP	1	LOUISBURG	7E	0	HEL	.24	3
LoE	LOUISBURG COMPLEX, STEEP	1	LOUISBURG	7E	0	HEL	.20	4
MaC	MADISON COBBLY FINE SANDY LOAM, SLOPING	1	MADISON	4E	0	HEL	.24	4
MaC2	MADISON COBBLY FINE SANDY LOAM, SLOPING, ERODED	1	MADISON	4E	0	HEL	.24	4
MaD	MADISON COBBLY FINE SANDY LOAM, MODERATELY STEEP	1	MADISON	6E	0	HEL	.24	4
MaD2	MADISON COBBLY FINE SANDY LOAM, MODERATELY STEEP, ERODED	1	MADISON	6E	0	HEL	.24	4
MaE	MADISON COBBLY FINE SANDY LOAM, STEEP	1	MADISON	7E	0	HEL	.24	4
MdB	MADISON FINE SANDY LOAM, GENTLY SLOPING	1	MADISON	2E	1	PHEL	.24	4
MdB2	MADISON FINE SANDY LOAM, GENTLY SLOPING, ERODED	1	MADISON	2E	1	PHEL	.24	4
MdC	MADISON FINE SANDY LOAM, SLOPING	1	MADISON	4E	0	HEL	.24	4
MdC2	MADISON FINE SANDY LOAM, SLOPING, ERODED	1	MADISON	4E	0	HEL	.24	4
MdD	MADISON FINE SANDY LOAM, MODERATELY STEEP	1	MADISON	6E	0	HEL	.24	4
MdD2	MADISON FINE SANDY LOAM, MODERATELY STEEP, ERODED	1	MADISON	6E	0	HEL	.24	4
MdE	MADISON FINE SANDY LOAM, STEEP	1	MADISON	7E	0	HEL	.24	4
MdE2	MADISON FINE SANDY LOAM, STEEP, ERODED	1	MADISON	7E	0	HEL	.24	4
MnC	MANOR LOAM, SLOPING	1	MANOR	3E	0	HEL	.37	5
MnD	MANOR LOAM, MODERATELY STEEP	1	MANOR	4E	0	HEL	.37	5
MnE	MANOR LOAM, STEEP	1	MANOR	7E	0	HEL	.37	5
MnF	MANOR LOAM, VERY STEEP	1	MANOR	7E	0	HEL	.37	5
MoC	MANOR VERY STONY LOAM, SLOPING	1	MANOR	6S	0	HEL	.32	5
MoE	MANOR VERY STONY LOAM, STEEP	1	MANOR	7S	0	HEL	.32	5
MoF	MANOR VERY STONY LOAM, VERY STEEP	1	MANOR	7S	0	HEL	.32	5
MrB	MYERSVILLE LOAM, GENTLY SLOPING	1	MYERSVILLE	2E	1	PHEL	.37	4
MrC	MYERSVILLE LOAM, SLOPING	1	MYERSVILLE	3E	0	HEL	.37	4
MrC2	MYERSVILLE LOAM, SLOPING, ERODED	1	MYERSVILLE	3E	0	HEL	.37	4
MrE	MYERSVILLE LOAM, STEEP	1	MYERSVILLE	6E	0	HEL	.37	4
MrE2	MYERSVILLE LOAM, STEEP, ERODED	1	MYERSVILLE	6E	0	HEL	.37	4
MsC	MYERSVILLE LOAM, THIN SOLUM, SLOPING	1	MYERSVILLE	3E	0	HEL	.37	4
MsE	MYERSVILLE LOAM, THIN SOLUM, STEEP	1	MYERSVILLE	6E	0	HEL	.37	4
MyC	MYERSVILLE STONY LOAM, THIN SOLUM, SLOPING	1	MYERSVILLE	3E	0	HEL	.32	4
MyE	MYERSVILLE STONY LOAM, THIN SOLUM, STEEP	1	MYERSVILLE	6E	0	HEL	.32	4
PoC	PORTERS LOAM, SLOPING	1	PORTERS	4E	0	HEL	.28	3
PoD	PORTERS LOAM, MODERATELY STEEP	1	PORTERS	4E	0	HEL	.28	3
PoE	PORTERS LOAM, STEEP	1	PORTERS	6E	0	HEL	.28	3
PoF	PORTERS LOAM, VERY STEEP	1	PORTERS	7E	0	HEL	.28	3
RaC	RABUN SILT LOAM, SLOPING	1	RABUN	6E	0	HEL	.32	4
RaD	RABUN SILT LOAM, MODERATELY STEEP	1	RABUN	6E	0	HEL	.32	4
RaD2	RABUN SILT LOAM, MODERATELY STEEP, ERODED	1	RABUN	6E	0	HEL	.32	4
RaE	RABUN SILT LOAM, STEEP	1	RABUN	7E	0	HEL	.32	4
RmE	RAMSEY VERY STONY LOAM, STEEP	1	RAMSEY	7E	0	HEL	0.20	1
RmF	RAMSEY VERY STONY LOAM, VERY STEEP	1	RAMSEY	7E	0	HEL	0.20	1

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Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
ScD	SHELOCTA COBBLY FINE SANDY LOAM, MODERATELY STEEP	1	SHELOCTA	6E	0	HEL	.32	4
ShB	SHELOCTA FINE SANDY LOAM, GENTLY SLOPING	1	SHELOCTA	2E	1	PHEL	.32	4
ShC	SHELOCTA FINE SANDY LOAM, SLOPING	1	SHELOCTA	3E	0	HEL	.32	4
ShD	SHELOCTA FINE SANDY LOAM, MODERATELY STEEP	1	SHELOCTA	6E	0	HEL	.32	4
SrB	STARR LOAM, GENTLY SLOPING	1	STARR	2E	1	PHEL	.28	5
SrC	STARR LOAM, SLOPING	1	STARR		0	HEL	.28	5
SsA	STATE FINE SANDY LOAM, NEARLY LEVEL	1	STATE	1	1	NHEL	.28	5
SsB	STATE FINE SANDY LOAM, GENTLY SLOPING	1	STATE	2E	1	PHEL	.28	5
TaC	TALLADEGA SOILS, SLOPING	1	TALLADEGA	7S	0	HEL	.32	2
TaD	TALLADEGA SOILS, MODERATELY STEEP	1	TALLADEGA	7S	0	HEL	.32	2
TaE	TALLADEGA SOILS, STEEP	1	TALLADEGA	7S	0	HEL	.32	2
To	TOXAWAY SILT LOAM, THICK SURFACE	1	TOXAWAY		0	NHEL	.17	5
TsC	TUSQUITEE COBBLY LOAM, SLOPING	1	TUSQUITEE	4E	0	HEL	.24	5
TuB	TUSQUITEE LOAM, GENTLY SLOPING	1	TUSQUITEE	2E	1	PHEL	.28	5
TuC	TUSQUITEE LOAM, SLOPING	1	TUSQUITEE	4E	0	HEL	.28	5
TuD	TUSQUITEE LOAM, MODERATELY STEEP	1	TUSQUITEE	6E	0	HEL	.28	5
TvC	TUSQUITEE VERY STONY LOAM, SLOPING	1	TUSQUITEE	4S	0	HEL	.17	5
TvD	TUSQUITEE VERY STONY LOAM, MODERATELY STEEP	1	TUSQUITEE	6S	0	HEL	.17	5
WaC	WATAUGA COBBLY SILT LOAM, SLOPING	1	WATAUGA	4E	0	HEL	.17	3
WaD	WATAUGA COBBLY SILT LOAM, MODERATELY STEEP	1	WATAUGA	6E	0	HEL	.17	3
WaE	WATAUGA COBBLY SILT LOAM, STEEP	1	WATAUGA	7E	0	HEL	.17	3
WgC	WATAUGA SILT LOAM, SLOPING	1	WATAUGA	4E	0	HEL	.24	3
WgD	WATAUGA SILT LOAM, MODERATELY STEEP	1	WATAUGA	6E	0	HEL	.24	3
WgE	WATAUGA SILT LOAM, STEEP	1	WATAUGA	7E	0	HEL	.24	3
WhC	WEIKERT CHANNERY SILT LOAM, SLOPING	1	WEIKERT	4E	0	HEL	.28	2
WhD	WEIKERT CHANNERY SILT LOAM, MODERATELY STEEP	1	WEIKERT	6E	0	HEL	.28	2
WhE	WEIKERT CHANNERY SILT LOAM, STEEP	1	WEIKERT	7E	0	HEL	.28	2
WkD	WEIKERT VERY SHALY SILT LOAM, MODERATELY STEEP	1	WEIKERT	6E	0	HEL	.28	2
WkE	WEIKERT VERY SHALY SILT LOAM, STEEP	1	WEIKERT	7E	0	HEL	.28	2
WkF	WEIKERT VERY SHALY SILT LOAM, VERY STEEP	1	WEIKERT	7E	0	HEL	.28	2
WmB	WICKHAM LOAM, GENTLY SLOPING	1	WICKHAM	2E	1	PHEL	.24	5
WmC	WICKHAM LOAM, SLOPING	1	WICKHAM	4E	0	HEL	.24	5
Wsb	WICKHAM FINE SANDY LOAM, GENTLY SLOPING	1	WICKHAM	2E	1	PHEL	.24	5
Wsc	WICKHAM FINE SANDY LOAM, SLOPING	1	WICKHAM	4E	0	HEL	.24	5
Wsc2	WICKHAM FINE SANDY LOAM, SLOPING, ERODED	1	WICKHAM	4E	0	HEL	.24	5
WtB	WORSHAM LOAM, GENTLY SLOPING	1	WORSHAM	4W	0	PHEL	.37	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.