

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- CAMPBELL COUNTY AND CITY OF LYNCHBURG, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
AbB	ABELL FINE SANDY LOAM, 0 TO 4 PERCENT SLOPES	1	ABELL	2E	1	PHEL	.28	4
AeB	ABELL LOAM, 0 TO 4 PERCENT SLOPES	1	ABELL	2E	1	PHEL	.32	3
AgB	APPLING GRAVELLY SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	APPLING	2S	1	PHEL	.15	4
AgC	APPLING GRAVELLY SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	APPLING	4S	0	HEL	.15	4
ApB	APPLING FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	APPLING	2E	1	PHEL	.24	4
ApC2	APPLING FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	APPLING	4E	0	HEL	.24	4
AwE2	APPLING-WEDOWEE GRAVELLY SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	APPLING	6E	0	HEL	.15	4
AwE2	APPLING-WEDOWEE GRAVELLY SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	2	WEDOWEE	6E	0	HEL	.24	3
AxE2	APPLING-WEDOWEE FINE SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	APPLING	6E	0	HEL	.24	4
AxE2	APPLING-WEDOWEE FINE SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	2	WEDOWEE	6E	0	HEL	.24	3
BrD	BREMO LOAM, 6 TO 15 PERCENT SLOPES	1	BREMO	4E	0	HEL	.28	2
BrE	BREMO LOAM, 15 TO 25 PERCENT SLOPES	1	BREMO	6E	0	HEL	.28	2
BrF	BREMO LOAM, 25 TO 60 PERCENT SLOPES	1	BREMO	7E	0	HEL	.28	2
Bu	BUNCOMBE LOAMY FINE SAND	1	BUNCOMBE	5W	0	PHEL	.10	5
CcB2	CECIL FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	CECIL	2E	1	PHEL	.28	4
CcC2	CECIL FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	CECIL	4E	0	HEL	.28	4
CcE2	CECIL FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	CECIL	6E	0	HEL	.28	4
CdC	CECIL COBBLY FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	CECIL		0	HEL	.28	4
CeB3	CECIL CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	3E	0	PHEL	.28	3
CeD3	CECIL CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	HEL	.28	3
CeE3	CECIL CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	6E	0	HEL	.28	3
Ch	CHEWACLA LOAM	1	CHEWACLA	4W	0	NHEL	.28	5
Ct	CHEWACLA-TOCCOA COMPLEX	1	CHEWACLA	4W	0	NHEL	.28	5
Ct	CHEWACLA-TOCCOA COMPLEX	2	TOCCOA	3W	0	NHEL	.10	4
CuB	CULLEN LOAM, 2 TO 6 PERCENT SLOPES	1	CULLEN	2E	1	PHEL	.37	4
CuC2	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
CxB3	CULLEN CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	2E	0	PHEL	.24	3
CxC3	CULLEN CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	4E	0	HEL	.24	3
CxE3	CULLEN CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	6E	0	HEL	.24	3
DoA	DOGUE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	DOGUE	2W	1	NHEL	.28	5
DoB	DOGUE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	DOGUE	2E	1	PHEL	.28	5
Eb	ELBERT LOAM	1	ELBERT	4W	0	PHEL	.37	3
EnB	ENON FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	ENON	3E	0	PHEL	.24	3
EnC2	ENON FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	ENON	4E	0	HEL	.24	3
FlB2	FLUVANNA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	FLUVANNA	2E	1	PHEL	.37	4
FlC2	FLUVANNA FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	FLUVANNA	3E	0	HEL	.37	4
FlE2	FLUVANNA FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	FLUVANNA	4E	0	HEL	.37	4
Fo	FORESTDALE SILT LOAM	1	FORESTDALE	5W	0	NHEL	.37	5
GeB2	GEORGEVILLE LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	GEORGEVILLE	2E	1	PHEL	.43	4
GeC2	GEORGEVILLE LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	GEORGEVILLE	4E	0	HEL	.43	4
GeE2	GEORGEVILLE LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	GEORGEVILLE	6E	0	HEL	.43	4

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GrB	GEORGEVILLE-BROCKROAD LOAMS, 2 TO 6 PERCENT SLOPES	1	GEORGEVILLE	2E	1	PHEL	.43	4
GrB	GEORGEVILLE-BROCKROAD LOAMS, 2 TO 6 PERCENT SLOPES	2	BROCKROAD	2E	1	PHEL	.32	4
GwB	GWINNETT CLAY LOAM, THICK SOLUM VARIANT, 2 TO 6 PERCENT SLOPES	1	GWINNETT VARIANT	2E	1	PHEL	.28	3
GwC	GWINNETT CLAY LOAM, THICK SOLUM VARIANT, 6 TO 15 PERCENT SLOPES	1	GWINNETT VARIANT	4E	0	HEL	.28	3
HaB	HELENA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	HELENA	2E	1	PHEL	.24	4
HaC	HELENA FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	HELENA	4E	0	HEL	.24	4
HdB	HERNDON LOAM, 2 TO 6 PERCENT SLOPES	1	HERNDON	2E	1	PHEL	.43	5
HdC	HERNDON LOAM, 6 TO 10 PERCENT SLOPES	1	HERNDON	3E	0	HEL	.43	5
HwB2	HIWASSEE LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	HIWASSEE	2E	1	PHEL	.28	5
HwC2	HIWASSEE LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	HIWASSEE	4E	0	HEL	.28	5
HwE2	HIWASSEE LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	HIWASSEE	6E	0	HEL	.28	5
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
IrC	IREDELL LOAM, 6 TO 10 PERCENT SLOPES	1	IREDELL	3E	0	HEL	.32	3
IrC2	IREDELL LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	IREDELL	3E	0	HEL	.32	3
LoD	LOUISBURG FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	LOUISBURG	6E	0	HEL	.24	3
LoE	LOUISBURG FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	LOUISBURG	7E	0	HEL	.24	3
LoF	LOUISBURG FINE SANDY LOAM, 25 TO 60 PERCENT SLOPES	1	LOUISBURG	7E	0	HEL	.24	3
MaB2	MADISON LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	MADISON	2E	1	PHEL	.24	4
MaC2	MADISON LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	MADISON	4E	0	HEL	.24	4
MaE2	MADISON LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	MADISON	6E	0	HEL	.24	4
McD	MANTEO CHANNERY LOAM, 6 TO 15 PERCENT SLOPES	1	MANTEO	6E	0	HEL	.28	1
McE	MANTEO CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	1	MANTEO	7E	0	HEL	.28	1
McF	MANTEO CHANNERY LOAM, 25 TO 60 PERCENT SLOPES	1	MANTEO	7E	0	HEL	.28	1
MnE	MANTEO-ROCK OUTCROP COMPLEX, STEEP	1	MANTEO	7E	0	HEL	.28	1
MnE	MANTEO-ROCK OUTCROP COMPLEX, STEEP	2	ROCK OUTCROP	8S	0	HEL		
MpB	MASADA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	MASADA	2E	1	PHEL	.32	4
MpC	MASADA FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	MASADA	3E	0	HEL	.32	4
MrB	MASADA GRAVELLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	MASADA	2E	1	PHEL	.24	4
MrC	MASADA GRAVELLY FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	MASADA	3E	0	HEL	.24	4
MsB2	MASADA LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	MASADA	2E	1	PHEL	.32	4
MsC2	MASADA LOAM, 6 TO 12 PERCENT SLOPES, ERODED	1	MASADA	3E	0	HEL	.32	4
MtB	MASADA LOAM, LOCAL ALLUVIUM, 0 TO 4 PERCENT SLOPES	1	MASADA	2E	1	PHEL	.32	4
MwB	MAYODAN FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	MAYODAN	2E	1	PHEL	.24	4
MwC	MAYODAN FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	MAYODAN	4E	0	HEL	.24	4
MyB2	MAYODAN LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	MAYODAN	2E	1	PHEL	.24	4
MyC2	MAYODAN LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	MAYODAN	4E	0	HEL	.24	4
MzB2	MECKLENBURG LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	MECKLENBURG	2E	1	PHEL	.24	4
MzC2	MECKLENBURG LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	MECKLENBURG	4E	0	HEL	.24	4
MzE2	MECKLENBURG LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	MECKLENBURG	6E	0	HEL	.24	4
NaB	NASON LOAM, 2 TO 6 PERCENT SLOPES	1	NASON	2E	0	PHEL	.43	4
NaC	NASON LOAM, 6 TO 15 PERCENT SLOPES	1	NASON	3E	0	HEL	.43	4
NaE	NASON LOAM, 15 TO 25 PERCENT SLOPES	1	NASON	4E	0	HEL	.43	4
PeA	PENN SILT LOAM, 0 TO 2 PERCENT SLOPES	1	PENN	2S	1	NHEL	.32	3
PeB	PENN SILT LOAM, 2 TO 6 PERCENT SLOPES	1	PENN	2E	1	PHEL	.32	3
PeC	PENN SILT LOAM, 6 TO 15 PERCENT SLOPES	1	PENN	3E	0	HEL	.32	3
PkB	PINKSTON FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	PINKSTON	3E	0	PHEL	.20	2

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PkD	PINKSTON FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	PINKSTON	4E	0	HEL	.20	2
PpE	PINKSTON AND PENN SOILS, 15 TO 25 PERCENT SLOPES	1	PINKSTON	6E	0	HEL	.20	2
PpE	PINKSTON AND PENN SOILS, 15 TO 25 PERCENT SLOPES	2	PENN	4E	0	HEL	.32	3
Re	RIVERVIEW LOAM	1	RIVERVIEW	4W	1	NHEL	.32	5
Ro	ROANOKE SILT LOAM, LOCAL ALLUVIUM	1	ROANOKE	5W	0	NHEL	.37	4
StA	STATE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	STATE	2W	1	NHEL	.28	5
StB	STATE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	STATE	2W	1	PHEL	.28	5
TaD	TALLAPOOSA LOAM, 6 TO 15 PERCENT SLOPES	1	TALLAPOOSA	6E	0	HEL	.32	1
TaE	TALLAPOOSA LOAM, 15 TO 25 PERCENT SLOPES	1	TALLAPOOSA	7E	0	HEL	.32	1
TaF	TALLAPOOSA LOAM, 25 TO 60 PERCENT SLOPES	1	TALLAPOOSA	7E	0	HEL	.32	1
TlB	TATUM LOAM, 2 TO 6 PERCENT SLOPES	1	TATUM	2E	0	PHEL	.37	4
TlC2	TATUM LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	TATUM	3E	0	HEL	.37	4
TlE2	TATUM LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	TATUM	4E	0	HEL	.37	4
TmD3	TATUM CLAY LOAM, 6 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	TATUM	3E	0	HEL	.32	3
TmE3	TATUM CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	TATUM	6E	0	HEL	.32	3
To	TOCCOA FINE SANDY LOAM	1	TOCCOA	3W	0	NHEL	.10	4
TuB	TURBEVILLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	TURBEVILLE	2E	1	PHEL	.32	5
TuC2	TURBEVILLE FINE SANDY LOAM, 6 TO 15 PERCENT SLOPES, ERODED	1	TURBEVILLE	3E	0	HEL	.32	5
UNC	URBAN LAND-CECIL COMPLEX, SLOPING	2	CECIL	3E	0	HEL	.28	4
URC	URBAN LAND-CULLEN COMPLEX, SLOPING	2	CULLEN	3E	0	HEL	.24	3
USC	URBAN LAND-MADISON COMPLEX, SLOPING	2	MADISON	3E	0	HEL	.28	3
VaB	VANCE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	VANCE	3E	1	PHEL	.24	3
VaB2	VANCE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED	1	VANCE	3E	1	PHEL	.24	3
VaC2	VANCE FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES, ERODED	1	VANCE	4E	0	HEL	.24	3
Wa	WAHEE AND AUGUSTA LOAMS	1	WAHEE	4W	0	NHEL	.28	5
Wa	WAHEE AND AUGUSTA LOAMS	2	AUGUSTA	3W	0	NHEL	.24	4
Wd	WEHADKEE LOAM	1	WEHADKEE	6W	0	NHEL	.24	5
WeA	WHITE STORE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	WHITE STORE	2E	0	PHEL	.28	3
WeB	WHITE STORE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	WHITE STORE	2E	0	PHEL	.28	3
WgA	WHITE STORE LOAM, 0 TO 2 PERCENT SLOPES	1	WHITE STORE	2E	0	PHEL	.43	3
WgB	WHITE STORE LOAM, 2 TO 6 PERCENT SLOPES	1	WHITE STORE	2E	0	PHEL	.43	3
WhA	WHITE STORE LOAM, WET VARIANT, 0 TO 2 PERCENT SLOPES	1	WHITE STORE VARIANT	2E	0	PHEL	.43	3
WhB	WHITE STORE LOAM, WET VARIANT, 2 TO 6 PERCENT SLOPES	1	WHITE STORE VARIANT	2E	0	PHEL	.43	3
WkB	WILKES LOAM, 2 TO 6 PERCENT SLOPES	1	WILKES	4E	0	PHEL	.24	1
WkD	WILKES LOAM, 6 TO 15 PERCENT SLOPES	1	WILKES	6E	0	HEL	.24	1
WkE	WILKES LOAM, 15 TO 25 PERCENT SLOPES	1	WILKES	7E	0	HEL	.24	1
WkF	WILKES LOAM, 25 TO 60 PERCENT SLOPES	1	WILKES	7E	0	HEL	.24	1
WlE3	WILKES SOILS, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	WILKES	7E	0	HEL	.28	1
WoB	WORSHAM SOILS, 0 TO 4 PERCENT SLOPES	1	WORSHAM	4W	0	PHEL	.37	4

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			Num.	Name	Subcl.	Farm	Soil	Fact.	Fact.

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.