

HIGHLY ERODIBLE LAND REPORT  
 JANUARY, 1990

Survey Area- RAPPAHANNOCK COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
AbB	ALBEMARLE FINE SANDY LOAM, GENTLY SLOPING PHASE	1	ALBEMARLE	2E	1	PHEL	.37	3
AbC	ALBEMARLE FINE SANDY LOAM, SLOPING PHASE	1	ALBEMARLE	3E	0	HEL	.37	3
At	ALTAVISTA LOAM	1	ALTAVISTA	2E	1	PHEL	.24	5
Au	AUGUSTA SILT LOAM	1	AUGUSTA	3W	0	PHEL	.24	4
Be	BELVOIR LOAM	1	BELVOIR	3W	0	PHEL	.37	4
BgB	BRANDYWINE GRITTY LOAM, GENTLY SLOPING PHASE	1	BRANDYWINE GRITTY	2E	0	PHEL	.24	3
BgC	BRANDYWINE GRITTY LOAM, SLOPING PHASE	1	BRANDYWINE GRITTY	3E	0	HEL	.24	3
BgD	BRANDYWINE GRITTY LOAM, MODERATELY STEEP PHASE	1	BRANDYWINE GRITTY	4E	0	HEL	.24	3
BoC	BRANDYWINE LOAM, SLOPING PHASE	1	BRANDYWINE	3E	0	HEL	.24	3
BoD	BRANDYWINE LOAM, MODERATELY STEEP PHASE	1	BRANDYWINE	4E	0	HEL	.24	3
BoE	BRANDYWINE LOAM, STEEP PHASE	1	BRANDYWINE	7E	0	HEL	.24	3
BrC	BRANDYWINE ROCKY LOAM, SLOPING PHASE	1	BRANDYWINE	3E	0	HEL	.24	3
BrD	BRANDYWINE ROCKY LOAM, MODERATELY STEEP PHASE	1	BRANDYWINE	4E	0	HEL	.24	3
BrE	BRANDYWINE ROCKY LOAM, STEEP PHASE	1	BRANDYWINE	7E	0	HEL	.24	3
BwC2	BRANDYWINE SILT LOAM, ERODED SLOPING PHASE	1	BRANDYWINE	3E	0	HEL	.24	3
BwD2	BRANDYWINE SILT LOAM, ERODED MODERATELY STEEP PHASE	1	BRANDYWINE	4E	0	HEL	.24	3
ByC	BRANDYWINE STONY LOAM, SLOPING PHASE	1	BRANDYWINE	3E	0	HEL	.24	3
ByD	BRANDYWINE STONY LOAM, MODERATELY STEEP PHASE	1	BRANDYWINE	4E	0	HEL	.24	3
ByE	BRANDYWINE STONY LOAM, STEEP PHASE	1	BRANDYWINE	7E	0	HEL	.24	3
Bz	BUNCOMBE LOAMY FINE SAND	1	BUNCOMBE	4W	0	PHEL	.10	5
CaE	CATOCTIN STONY SILT LOAM, STEEP PHASE	1	CATOCTIN	7E	0	HEL	.32	3
CdB	CHESTER LOAM, GENTLY SLOPING PHASE	1	CHESTER	2E	1	PHEL	.32	4
CdC2	CHESTER LOAM, ERODED SLOPING PHASE	1	CHESTER	3E	0	HEL	.32	4
CeB2	CHESTER-BRANDYWINE LOAMS, ERODED GENTLY SLOPING PHASES	1	CHESTER	2E	1	PHEL	.32	4
CeC2	CHESTER-BRANDYWINE LOAMS, ERODED SLOPING PHASES	1	CHESTER	3E	0	HEL	.32	4
Ch	CHEWACLA SILT LOAM	1	CHEWACLA	4W	0	NHEL	.24	5
Co	CONGAREE FINE SANDY LOAM	1	CONGAREE	2W	1	NHEL	.24	5
CpC3	CULPEPER CLAY LOAM, SEVERELY ERODED SLOPING PHASE	1	CULPEPER	4E	0	HEL	.37	4
CpD3	CULPEPER CLAY LOAM, SEVERELY ERODED MODERATELY STEEP PHASE	1	CULPEPER	6E	0	HEL	.37	4
CuB	CULPEPER LOAM, GENTLY SLOPING PHASE	1	CULPEPER	2E	1	PHEL	.37	4
CuC2	CULPEPER LOAM, ERODED SLOPING PHASE	1	CULPEPER	3E	0	HEL	.37	4
DyB	DYKE LOAM, GENTLY SLOPING PHASE	1	DYKE	2E	1	HEL	.37	4
DyC2	DYKE LOAM, ERODED SLOPING PHASE	1	DYKE	3E	0	HEL	.37	4
EbC	EUBANKS-BRANDYWINE COMPLEX, SLOPING PHASES	1	EUBANKS	3E	0	HEL	.32	4
EbC	EUBANKS-BRANDYWINE COMPLEX, SLOPING PHASES	2	BRANDYWINE	3E	0	HEL	.24	2
EbD2	EUBANKS-BRANDYWINE COMPLEX ERODED MODERATELY STEEP PHASES	1	EUBANKS	6E	0	HEL	.32	4
EcB	EUBANKS-CHESTER COMPLEX, GENTLY SLOPING PHASES	1	EUBANKS	2E	1	PHEL	.32	4
EcC	EUBANKS-CHESTER COMPLEX, SLOPING PHASES	1	EUBANKS	3E	0	HEL	.32	4
ElB3	EUBANKS AND LLOYD CLAY LOAMS, SEVERELY ERODED GENTLY SLOPING PHASES	1	EUBANKS	2E	0	PHEL	.32	4
ElC3	EUBANKS AND LLOYD CLAY LOAMS, SEVERELY ERODED SLOPING PHASES	1	EUBANKS	4E	0	HEL	.32	4
ElD3	EUBANKS AND LLOYD CLAY LOAMS, SEVERELY ERODED MODERATELY STEEP PHASES	1	EUBANKS	6E	0	HEL	.32	4
EuB	EUBANKS AND LLOYD LOAMS, GENTLY SLOPING PHASES	1	EUBANKS	2E	0	PHEL	.32	4
EuC2	EUBANKS AND LLOYD LOAMS, ERODED SLOPING PHASES	1	EUBANKS	4E	0	HEL	.32	4
EyD2	EUBANKS-LLOYD STONY LOAMS, ERODED MODERATELY STEEP PHASES	1	EUBANKS	6S	0	HEL	.32	4

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HaC	HALEWOOD STONY FINE SANDY LOAM, SLOPING PHASE	1	HALEWOOD	6S	0	HEL	.32	4
HaD	HALEWOOD STONY FINE SANDY LOAM, MODERATELY STEEP PHASE	1	HALEWOOD	7S	0	HEL	.32	4
HaE	HALEWOOD STONY FINE SANDY LOAM, STEEP PHASE	1	HALEWOOD	7S	0	HEL	.32	4
HeC	HAZEL LOAM, SLOPING PHASE	1	HAZEL	3E	0	HEL	.32	2
HeD	HAZEL LOAM, MODERATELY STEEP PHASE	1	HAZEL	4E	0	HEL	.32	2
HeE	HAZEL LOAM, STEEP PHASE	1	HAZEL	7E	0	HEL	.32	2
HsD	HAZEL STONY LOAM, MODERATELY STEEP PHASE	1	HAZEL	6S	0	HEL	.32	2
HsE	HAZEL STONY LOAM, STEEP PHASE	1	HAZEL	7E	0	HEL	.32	2
HtB3	HIWASSEE CLAY LOAM, SEVERELY ERODED GENTLY SLOPING PHASE	1	HIWASSEE	2E	0	PHEL	.28	5
HtC3	HIWASSEE CLAY LOAM, SEVERELY ERODED SLOPING PHASE	1	HIWASSEE	4E	0	HEL	.28	5
HwB	HIWASSEE LOAM, GENTLY SLOPING PHASE	1	HIWASSEE	2E	1	PHEL	.28	5
HwC	HIWASSEE LOAM, SLOPING PHASE	1	HIWASSEE	4E	0	HEL	.28	5
LoC	LOUISBURG SANDY LOAM, SLOPING PHASE	1	LOUISBURG	6E	0	PHEL	.10	2
LoD	LOUISBURG SANDY LOAM, MODERATELY STEEP PHASE	1	LOUISBURG	7E	0	HEL	.10	2
LsE	LOUISBURG SOILS, STEEP PHASES	1	LOUISBURG	6S	0	HEL	.10	2
LyC	LOUISBURG STONY SANDY LOAM, SLOPING PHASE	1	LOUISBURG	6S	0	HEL	.10	2
LyD	LOUISBURG STONY SANDY LOAM, MODERATELY STEEP PHASE	1	LOUISBURG	6S	0	HEL	.10	2
Ma	MADE LAND	1	MADE LAND	8S	0	NHEL		
Me	MEADOWVILLE LOAM	1	MEADOWVILLE	2E	1	PHEL	.37	3
MyC	MYERSVILLE STONY SILT LOAM, SLOPING HIGH PHASE	1	MYERSVILLE	3E	0	HEL	.32	4
MyD	MYERSVILLE STONY SILT LOAM, MODERATELY STEEP HIGH PHASE	1	MYERSVILLE	4E	0	HEL	.32	4
PoB	PORTERS STONY LOAM, GENTLY SLOPING PHASE	1	PORTERS	6S	0	PHEL	.24	3
PoC	PORTERS STONY LOAM, SLOPING PHASE	1	PORTERS	6S	0	HEL	.24	3
PoD	PORTERS STONY LOAM, MODERATELY STEEP PHASE	1	PORTERS	6S	0	HEL	.24	3
PoE	PORTERS STONY LOAM, STEEP PHASE	1	PORTERS	7S	0	HEL	.24	3
RaE	RAMSEY STONY FINE SANDY LOAM, STEEP PHASE	1	RAMSEY	7S	0	HEL	.24	1
Re	ROANOKE SILT LOAM	1	ROANOKE	4W	0	NHEL	.28	4
RkD	ROCK LAND, ACIDIC, MODERATELY STEEP PHASE	1	ROCK LAND		0			
RkE	ROCK LAND, ACIDIC, STEEP PHASE	1	ROCK LAND		0			
RoD	ROCK LAND, BASIC, MODERATELY STEEP PHASE	1	ROCK LAND		0			
RoE	ROCK LAND BASIC, STEEP PHASE	1	ROCK LAND		0			
Rp	ROCK OUTCROP	1	ROCK OUTCROP		0			
Sa	STONY ALLUVIAL LAND	1	STONY ALLUVIAL LAND	8W	0			
Sc	STONY COLLUVIAL LAND	1	STONY COLLUVIAL LAND	8S	0			
StB	STONY LOCAL ALLUVIAL LAND, GENTLY SLOPING PHASE	1	STONY LOCAL ALLUVIAL LAND	8W	0			
StC	STONY LOCAL ALLUVIAL LAND, SLOPING PHASE	1	STONY LOCAL ALLUVIAL LAND	8W	0			
StD	STONY LOCAL ALLUVIAL LAND, MODERATELY STEEP PHASE	1	STONY LOCAL ALLUVIAL LAND	8W	0			
UcB	UNISON COBBLY LOAM, GENTLY SLOPING PHASE	1	UNISON	3E	0	PHEL	.24	4
UcC	UNISON COBBLY LOAM, SLOPING PHASE	1	UNISON	3E	0	PHEL	.24	4
UnB	UNISON LOAM, GENTLY SLOPING PHASE	1	UNISON	2E	1	PHEL	.32	4
UnC2	UNISON LOAM, ERODED SLOPING PHASE	1	UNISON	3E	0	HEL	.32	4
UpB	UNISON LOAM, GENTLY SLOPING FRAGIPAN VARIANT	1	UNISON	2E	0	PHEL	.32	4
We	WEHADKEE SILT LOAM	1	WEHADKEE	6W	0	NHEL	.32	5
WhB	WICKHAM LOAM, GENTLY SLOPING PHASE	1	WICKHAM	2E	1	PHEL	.24	5
Wo	WORSHAM SILT LOAM	1	WORSHAM	4W	0	PHEL	.28	4
Ws	WORSHAM STONY SILT LOAM	1	WORSHAM	4W	0	PHEL	.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.