

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- MATHEWS COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
Be	BERTIE VERY FINE SANDY LOAM	1	BERTIE	2W	1	NHEL	.28	5
Cb	COASTAL BEACH	1	COASTAL BEACH	8W	0	NHEL		
Dr	DRAGSTON FINE SANDY LOAM, SHALLOW	1	DRAGSTON	3W	2	NHEL	.24	5
Ek	ELKTON SILT LOAM	1	ELKTON		0	NHEL	.28	4
Fa	FALLSINGTON FINE SANDY LOAM	1	FALLSINGTON	4W	2	NHEL	.24	5
KeA	KEMPSVILLE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	KEMPSVILLE	1	1	NHEL	.20	5
KeB	KEMPSVILLE FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	1	KEMPSVILLE	2E	1	NHEL	.28	4
KtA	KEMPSVILLE LOAMY FINE SAND, THICK SURFACE, 0 TO 2 PERCENT SLOPES	1	KEMPSVILLE	1	0	NHEL	.15	5
KyA	KEYPORT SILT LOAM, 0 TO 2 PERCENT SLOPES	1	KEYPORT	2W	0	NHEL	.37	5
KyD2	KEYPORT SILT LOAM, 8 TO 12 PERCENT SLOPES, ERODED	1	KEYPORT	4E	0	HEL	.37	5
Ma	MIXED ALLUVIAL LAND	1	ALLUVIAL	5W	0	NHEL	.37	5
SaA	SASSAFRAS FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	SASSAFRAS	1	1	NHEL	.28	4
SaB2	SASSAFRAS FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES, ERODE D	1	SASSAFRAS	2E	1	PHEL	.28	4
SdA	SASSAFRAS LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	1	SASSAFRAS	2S	0	NHEL	.15	5
SsD	SLOPING SANDY LAND	1	SLOPING SANDY LAND	4E	0	HEL	.28	4
StE	STEEP SANDY LAND	1	STEEP SANDY LAND	6E	0	HEL	.28	4
Th	TIDAL MARSH, HIGH	1	TIDAL MARSH	7W	0	NHEL		
To	TIDAL MARSH, LOW	1	TIDAL MARSH	8W	0	NHEL		
Wo	WOODSTOWN FINE SANDY LOAM	1	WOODSTOWN	2W	1	NHEL	.20	5

This information is from HEL ratings table for Mathews County.

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.