

HIGHLY ERODIBLE LAND REPORT  
JANUARY, 1990

Survey Area- SUSSEX COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1A	BIBB SANDY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	BIBB	3W	-	NHEL	.20	5
3A	BUNCOMBE LOAMY SAND, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	BUNCOMBE	2S	-	NHEL	.10	5
4A	RIVERVIEW SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	RIVERVIEW	2W	-	NHEL	.37	4
7A	CHEWACLA LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	CHEWACLA	2W	-	NHEL	.28	5
9A	TOCCOA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	TOCCOA	2W	-	NHEL	.24	5
10A	EMPORIA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	EMPORIA	1	-	NHEL	.28	4
10B	EMPORIA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	EMPORIA	2E	-	PHEL	.28	4
10C	EMPORIA FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	EMPORIA	3E	-	HEL	.28	4
11A	SUFFOLK SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	SUFFOLK	1	-	NHEL	.28	4
11B	SUFFOLK SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SUFFOLK	2E	-	PHEL	.28	4
11C	SUFFOLK SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	SUFFOLK	3E	-	HEL	.28	4
18B	ALAGA LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	1	ALAGA	3S	-	PHEL	.17	5
18C	ALAGA LOAMY FINE SAND, 6 TO 10 PERCENT SLOPES	1	ALAGA	4S	-	PHEL	.17	5
19A	PACTOLUS LOAMY FINE SAND, 0 TO 4 PERCENT SLOPES	1	PACTOLUS	3S	-	NHEL	.10	5
26A	MYATT SILT LOAM, 0 TO 2 PERCENT SLOPES	1	MYATT	5W	-	NHEL	.32	5
29A	ROANOKE SILT LOAM, 0 TO 2 PERCENT SLOPES	1	ROANOKE	3W	-	NHEL	.37	4
31A	AUGUSTA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	AUGUSTA	2W	-	NHEL	.20	4
32A	WAHEE VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	WAHEE	2W	-	NHEL	.28	5
48A	WESTON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	WESTON	3W	-	NHEL	.24	5
61B	RUMFORD LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	1	RUMFORD	2E	-	PHEL	.17	4
61C	RUMFORD LOAMY FINE SAND, 6 TO 10 PERCENT SLOPES	1	RUMFORD	3E	-	PHEL	.17	4
62A	STATE SILT LOAM, 0 TO 2 PERCENT SLOPES	1	STATE	1	-	NHEL	.37	5
62B	STATE SILT LOAM, 2 TO 6 PERCENT SLOPES	1	STATE	2E	-	PHEL	.37	5
64A	CAHABA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	CAHABA	2W	-	NHEL	.24	5
64B	CAHABA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	CAHABA	2E	-	PHEL	.24	5
65A	KALMIA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	KALMIA	1	-	NHEL	.15	5
65B	KALMIA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	KALMIA	2E	-	NHEL	.15	5
69A	NANSEMOND LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	1	NANSEMOND	2W	-	NHEL	.15	3
69B	NANSEMOND LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	NANSEMOND	2E	-	NHEL	.15	3
69C	NANSEMOND LOAMY FINE SAND, 6 TO 10 PERCENT SLOPES	1	NANSEMOND	3E	-	PHEL	.15	3
74A	DRAGSTON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	DRAGSTON	2W	-	NHEL	.24	4
76A	ALTAVISTA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	ALTAVISTA	2W	-	NHEL	.24	5
76B	ALTAVISTA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	ALTAVISTA	2E	-	PHEL	.24	5
76C	ALTAVISTA FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	ALTAVISTA		-	PHEL	.24	5
78A	TETOTUM FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	TETOTUM	2W	-	NHEL	.28	4
78B	TETOTUM FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	TETOTUM	2E	-	PHEL	.28	4
79A	JOHNS FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	JOHNS	2W	-	NHEL	.15	5
79B	JOHNS FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	JOHNS	2W	-	PHEL	.15	5
83A	CRAVEN FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	CRAVEN	2E	-	NHEL	.37	5
83B	CRAVEN CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	CRAVEN	3E	-	PHEL	.32	5
83C	CRAVEN CLAY LOAM, 6 TO 10 PERCENT SLOPES, SEVERELY ERODED	1	CRAVEN	4E	-	HEL	.32	5
83D	CRAVEN CLAY LOAM, 10 TO 35 PERCENT SLOPES, SEVERELY ERODED	1	CRAVEN	6E	-	HEL	.32	5
87B	KENANSVILLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	KENANSVILLE	2S	-	PHEL	.15	5
87C	KENANSVILLE FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	KENANSVILLE	2S	-	PHEL	.15	5
93B	MOLENA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	MOLENA	3S	-	PHEL	.15	5
93C	MOLENA FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	MOLENA	4S	-	PHEL	.15	5

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Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
126C	LOAMY AND GRAVELLY SOILS, 6 TO 15 PERCENT SLOPES	1	-	-	-	-	-	-
126E	LOAMY AND GRAVELLY SOILS, 15 TO 50 PERCENT SLOPES	1	-	-	-	-	-	-
129B	HELENA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	HELENA	-	-	PHEL	.28	4
218B	HERNDON SILT LOAM, 2 TO 7 PERCENT SLOPES	1	HERNDON	-	-	PHEL	.28	4
218C	HERNDON SILT LOAM, 7 TO 15 PERCENT SLOPES	1	HERNDON	-	-	HEL	.28	4
244B	GEORGEVILLE SILT LOAM, 2 TO 7 PERCENT SLOPES	1	GEORGEVILLE	-	-	PHEL	.43	3
244C	GEORGEVILLE SILT LOAM, 7 TO 15 PERCENT SLOPES	1	GEORGEVILLE	-	-	HEL	.43	3
301A	MATTAPONI SANDY LOAM OR LOAM, 0 TO 2 PERCENT SLOPES	1	MATTAPONI	1	-	PHEL	.32	3
301B	MATTAPONI SANDY LOAM OR LOAM, 2 TO 6 PERCENT SLOPES	1	MATTAPONI	2E	-	PHEL	.32	3
301C	MATTAPONI SANDY LOAM OR LOAM, 6 TO 10 PERCENT SLOPES	1	MATTAPONI	3E	-	HEL	.32	3
305A	ACKWATER SILT LOAM, 0 TO 2 PERCENT SLOPES	1	ACKWATER	2W	-	PHEL	.43	4
305B	ACKWATER SILT LOAM, 2 TO 6 PERCENT SLOPES	1	ACKWATER	3E	-	PHEL	.43	4
307A	AYOCK SILT LOAM, 0 TO 2 PERCENT SLOPES	1	AYOCK	2W	-	NHEL	.37	5
307B	AYOCK FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	AYOCK	2E	-	PHEL	.37	5
307C	AYOCK FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	AYOCK	3E	-	HEL	.37	5
318A	SLAGLE LOAM, 0 TO 2 PERCENT SLOPES	1	SLAGLE	2W	-	NHEL	.24	3
318B	SLAGLE LOAM, 2 TO 6 PERCENT SLOPES	1	SLAGLE	2E	-	PHEL	.24	3
318C	SLAGLE LOAM, 6 TO 10 PERCENT SLOPES	1	SLAGLE	3E	-	HEL	.24	3

This information is from a "Highly Erodible Farmland Listing for Sussex County, October 3 1985"

## 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.