

HIGHLY ERODIBLE LAND REPORT  
JANUARY, 1990

Survey Area- CAROLINE COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1	BIBB COMPLEX, 0 TO 2 PERCENT SLOPES FREQUENTLY FLOODED	1	BIBB	-	-	NHEL	.20	5
7	CHEWACLA SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	CHEWACLA	-	-	NHEL	.24	5
8	WEDHADKEE SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	WEHADKEE	-	-	NHEL	.24	5
10	CONGAREE LOAM	1	CONGAREE	-	-	NHEL	.37	5
16A	OCKLOCKONEE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	1	OCKLOCKONEE	-	-	NHEL	.20	5
18B	ALAGA LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	1	ALAGA	-	-	PHEL	.17	5
26	MYATT FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	MYATT	-	-	NHEL	.28	5
27	LUMBEE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	LUMBEE	-	-	NHEL	.24	5
28	ELKTON SILT LOAM, 0 TO 2 PERCENT SLOPES	1	ELKTON	-	-	PHEL	.43	3
29	ROANOKE LOAM, 0 TO 2 PERCENT SLOPES,	1	ROANOKE	-	-	NHEL	.37	4
31	AUGUSTA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	AUGUSTA	-	-	NHEL	.24	4
35	STOUGH FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	STOUGH	-	-	NHEL	.37	3
38C	ASHLAR SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	ASHLAR	-	-	HEL	.24	2
38D	ASHLAR SANDY LOAM, 15 TO 30 PERCENT SLOPES	1	ASHLAR	-	-	HEL	.24	2
42	LENOIR SILT LOAM, 0 TO 2 PERCENT SLOPES	1	LENOIR	-	-	NHEL	.37	5
43B	CECIL FINE SANDY LOAM 2 TO 6 PERCENT SLOPES	1	CECIL	-	-	PHEL	.28	4
43C	CECIL FINE SANDY LOAM 2 TO 6 PERCENT SLOPES	1	CECIL	-	-	PHEL	.28	4
43D	CECIL FINE SANDY LOAM 2 TO 6 PERCENT SLOPES	1	CECIL	-	-	HEL	.28	4
45C	CECIL CLAY LOAM 6 TO 10 PERCENT SLOPES	1	CECIL	-	-	PHEL	.28	4
45D	CECIL CLAY LOAM 10 TO 15 PERCENT SLOPES	1	CECIL	-	-	HEL	.28	4
57	ATLEE VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	ATLEE	-	-	NHEL	.37	4
58A	BOURNE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	BOURNE	-	-	NHEL	.28	3
58B	BOURNE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	BOURNE	-	-	PHEL	.28	3
60A	NANSEMOND FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	NANSEMOND	-	-	NHEL	.20	3
60B	NANSEMOND FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	NANSEMOND	-	-	PHEL	.20	3
61B	RUMFORD LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	RUMFORD	-	-	PHEL	.17	4
61C	RUMFORD LOAMY FINE SAND, 6 TO 10 PERCENT SLOPES	1	RUMFORD	-	-	PHEL	.17	4
62A	STATE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES,	1	STATE	-	-	NHEL	.28	4
63A	SASSAFRAS FINE SANDY LOAM, 0 TO 2 PERCENT	1	SASSAFRAS	-	-	NHEL	.24	4
63B	SASSAFRAS FINE SANDY LOAM, 2 TO 6 PERCENT	1	SASSAFRAS	-	-	PHEL	.24	4
63C	SASSAFRAS FINE SANDY LOAM, 6 TO 10 PERCENT	1	SASSAFRAS	-	-	PHEL	.24	4
66A	KALMIA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	KALMIA	-	-	NHEL	.20	5
66B	KALMIA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	KALMIA	-	-	PHEL	.20	5
67A	KEMPSVILLE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	KEMPSVILLE	-	-	NHEL	.28	4
67B	KEMPSVILLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	-	-	PHEL	.28	4
67C	KEMPSVILLE FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	KEMPSVILLE	-	-	PHEL	.28	4
71A	PAMUNKEY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	PAMUNKEY	-	-	NHEL	.28	4
71B	PAMUNKEY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	PAMUNKEY	-	-	PHEL	.28	4
71C	PAMUNKEY FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	PAMUNKEY	-	-	PHEL	.28	4
74	DRAGSTON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	DRAGSTON	-	-	NHEL	.20	4
76A	ALTAVISTA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	ALTAVISTA	-	-	NHEL	.24	5
76B	ALTAVISTA SANDY LOAM, 2 TO 6 PERCENT SLOPES,	1	ALTAVISTA	-	-	PHEL	.24	5
77	BERTIE LOAM, 0 TO 2 PERCENT SLOPES	1	BERTIE	-	-	NHEL	.17	5
78A	TETOTUM FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	TETOTUM	-	-	NHEL	.28	4
78B	TETOTUM FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	TETOTUM	-	-	PHEL	.28	4
78C	TETOTUM FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	TETOTUM	-	-	PHEL	.28	4
79A	JOHNS FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	JOHNS	-	-	NHEL	.20	5
85A	CRAVEN LOAM, 0 TO 2 PERCENT SLOPES	1	CRAVEN	-	-	NHEL	.37	5
85B	CRAVEN LOAM, 2 TO 6 PERCENT SLOPES	1	CRAVEN	-	-	PHEL	.37	5
85C	CRAVEN LOAM, 6 TO 10 PERCENT SLOPES	1	CRAVEN	-	-	PHEL	.37	5
87B	KENANSVILLE LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	KENANSVILLE	-	-	PHEL	.15	5
87C	KENANSVILLE LOAMY FINE SAND, 6 TO 10 PERCENT SLOPES	1	KENANSVILLE	-	-	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.
88B	SASSAFRAS FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SASSAFRAS	-	-	PHEL	.28	4
89A	KALMIA LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	1	KALMIA	-	-	NHEL	.20	5
89B	KALMIA LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	KALMIA	-	-	PHEL	.20	5
90B	KEMPSVILLE LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	-	-	PHEL	.28	4
91B	PAMUNKEY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	PAMUNKEY	-	-	PHEL	.28	4
92A	BOJAC LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	1	BOJAC	-	-	NHEL	.17	3
92B	BOJAC LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	BOJAC	-	-	PHEL	.17	3
92C	BOJAC LOAMY FINE SAND, 6 TO 10 PERCENT SLOPES	1	BOJAC	-	-	PHEL	.17	3
93B	MOLENA LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	MOLENA	-	-	NHEL	.10	5
93C	MOLENA LOAMY FINE SAND, 6 TO 10 PERCENT SLOPES	1	MOLENA	-	-	PHEL	.10	5
94	GALESTOWN LOAMY SAND, 2 TO 6 PERCENT SLOPES	1	GALESTOWN	-	-	PHEL	.17	5
96	COLFAX SANDY LOAM, 0 TO 4 PERCENT SLOPES	1	COLFAX	-	-	PHEL	.28	3
102A	FACEVILLE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	FACEVILLE	-	-	NHEL	.28	5
102B	FACEVILLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	FACEVILLE	-	-	PHEL	.28	5
102C	FACEVILLE FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	FACEVILLE	-	-	PHEL	.28	5
103B	CAROLINE VERY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	CAROLINE	-	-	PHEL	.43	5
103C	CAROLINE VERY FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	CAROLINE	-	-	PHEL	.43	5
103D	CAROLINE VERY FINE SANDY LOAM, 10 TO 15 PERCENT SLOPES	1	CAROLINE	-	-	HEL	.43	5
106C3	CAROLINE VERY FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	CAROLINE	-	-	HEL	.43	5
106D3	CAROLINE VERY FINE SANDY LOAM, 10 TO 15 PERCENT SLOPES	1	CAROLINE	-	-	HEL	.43	5
106E3	CAROLINE VERY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	CAROLINE	-	-	HEL	.43	5
110	WORSHAM FINE SANDY LOAM, 0 TO 4 PERCENT SLOPES	1	WORSHAM	-	-	PHEL	.28	4
126C	LOAMY AND GRAVELLY SOILS, 6 TO 15 PERCENT SLOPES	1	-	-	-	PHEL		
126E	LOAMY AND GRAVELLY SOILS, 15 TO 50 PERCENT SLOPES	1	-	-	-	HEL		
129B	HELENA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	HELENA	-	-	PHEL	.15	3
147A	EMPORIA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	EMPORIA	-	-	NHEL	.28	4
147B	EMPORIA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	EMPORIA	-	-	PHEL	.28	4
147C	EMPORIA FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	EMPORIA	-	-	HEL	.28	4
160B	APPLING FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	APPLING	-	-	PHEL	.24	4
160C	APPLING FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	APPLING	-	-	PHEL	.24	4
160D	APPLING-WEDOWEE COMPLEX, 10 TO 15 PERCENT SLOPES	1	APPLING	-	-	HEL	.24	4
160D	APPLING-WEDOWEE COMPLEX, 10 TO 15 PERCENT SLOPES	1	WEDOWEE	-	-	HEL	.24	4
203B	DURHAM SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	DURHAM	-	-	PHEL	.24	5
318A	SLAGLE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	SLAGLE	-	-	NHEL	.24	3
318B	SLAGLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SLAGLE	-	-	PHEL	.24	3
318C	SLAGLE FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	SLAGLE	-	-	HEL	.24	3
318D	SLAGLE FINE SANDY LOAM, 10 TO 15 PERCENT SLOPES	1	SLAGLE	-	-	HEL	.24	3

## 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.

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Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
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	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.							