

HIGHLY ERODIBLE LAND REPORT  
 JANUARY, 1990

Survey Area- BRUNSWICK COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1B	ALTAVISTA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	ALTAVISTA	2E	1	PHEL	.24	5
2A	CHEWACLA SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	CHEWACLA	3W	2	NHEL	.28	5
3A	CHEWACLA-WEHADKEE COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	CHEWACLA	4W	0	NHEL	.28	5
3A	CHEWACLA-WEHADKEE COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	2	WEHADKEE	6W	0	NHEL	.32	5
4A	CONGAREE SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	CONGAREE	2W	1	NHEL	.37	5
5A	ROANOKE SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	ROANOKE	3W	0	NHEL	.37	4
6A	TOCCOA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	TOCCOA	2W	1	NHEL	.10	4
8A	WAHEE SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	WAHEE	2W	2	NHEL	.24	5
9A	WEHADKEE SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	WEHADKEE	6W	0	NHEL	.32	5
11B	BIBB SANDY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY	1	BIBB	5W	0	NHEL	.20	5
102B	ABELL FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	ABELL	2E	1	PHEL	.24	5
105B	APPLING SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	APPLING	2E	1	PHEL	.24	4
105C	APPLING SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	APPLING	4E	0	HEL	.24	4
110C	ASHLAR SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	ASHLAR	4E	0	HEL	.24	2
110D	ASHLAR SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	ASHLAR	6E	0	HEL	.24	2
121B	RION SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	RION	2E	1	PHEL	.24	3
121C	RION SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	RION	4E	0	HEL	.24	3
121D	RION SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	RION	6E	0	HEL	.24	3
123B	CECIL FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	CECIL	2E	1	PHEL	.28	4
123C	CECIL SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	CECIL	4E	0	HEL	.28	4
124B	CECIL SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	3E	0	PHEL	.28	3
124C	CECIL SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	HEL	.28	3
129B	CULLEN LOAM, 2 TO 7 PERCENT SLOPES	1	CULLEN	2E	1	PHEL	.37	4
130B	CULLEN CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	3E	0	PHEL	.24	3
130C	CULLEN CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	4E	0	HEL	.24	3
145B	EMPORIA SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	EMPORIA	2E	1	PHEL	.28	4
145C	EMPORIA SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	EMPORIA	4E	0	HEL	.28	5
147B	ENON FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	ENON	3E	1	PHEL	.24	3
147C	ENON FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	ENON	4E	0	HEL	.24	3
165B	GEORGEVILLE SILT LOAM, 2 TO 7 PERCENT SLOPES	1	GEORGEVILLE	2E	1	PHEL	.49	4
165C	GEORGEVILLE SILT LOAM, 7 TO 15 PERCENT SLOPES	1	GEORGEVILLE	4E	0	HEL	.49	4
168D	GOLDSTON CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	GOLDSTON	7S	0	HEL	.15	1
175B	HELENA SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	HELENA	2E	0	PHEL	.24	4
175C	HELENA SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	HELENA	4E	0	HEL	.24	4
176B	HERNDON SILT LOAM, 2 TO 7 PERCENT SLOPES	1	HERNDON	2E	1	PHEL	.43	5
176C	HERNDON SILT LOAM, 7 TO 15 PERCENT SLOPES	1	HERNDON	4E	0	HEL	.43	5
177B	NASON SILT LOAM, 2 TO 7 PERCENT SLOPES	1	NASON	2E	0	PHEL	.43	4
177C	NASON SILT LOAM, 7 TO 15 PERCENT SLOPES	1	NASON	3E	0	HEL	.43	4
177D	NASON SILT LOAM, 15 TO 25 PERCENT SLOPES	1	NASON	4E	0	HEL	.43	4
217B	MASADA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	MASADA	2E	1	PHEL	.32	4
220B	MATTAPONI SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	MATTAPONI	2E	1	PHEL	.28	5
220C	MATTAPONI SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	MATTAPONI	4E	0	HEL	.28	5
230B	WORSHAM SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	WORSHAM	4W	0	PHEL	.28	4
250D	PACOLET SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	PACOLET	6E	0	HEL	.20	3
270B	STATE LOAM, 2 TO 7 PERCENT SLOPES	1	STATE	2E	1	PHEL	.28	5
280D	TATUM SILT LOAM, 15 TO 25 PERCENT SLOPES	1	TATUM	4E	0	HEL	.37	4
290B	TURBEVILLE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	TURBEVILLE	2E	1	PHEL	.32	5
290C	TURBEVILLE FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	TURBEVILLE	3E	0	HEL	.32	5
325D	WEDOWEE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	WEDOWEE	6E	0	HEL	.24	3

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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.