

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- CUMBERLAND COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
4A	RIVERVIEW LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	RIVERVIEW	2W	1	NHEL	.32	5
6B	WORSHAM LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	WORSHAM	4W	0	NHEL	.37	4
9A	TOCCOA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	TOCCOA	3W	0	NHEL	.10	4
11B	CECIL SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	CECIL	2E	1	PHEL	.28	4
12C	CECIL SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	PHEL	.28	3
12D	PACOLET CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	PACOLET	7E	0	HEL	.24	2
13B	GEORGEVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	GEORGEVILLE	2E	1	PHEL	.43	4
13C	GEORGEVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	GEORGEVILLE	4E	0	HEL	.43	4
14C	FLUVANNA FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	FLUVANNA	6S	0	PHEL	.24	4
14D	FLUVANNA FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	FLUVANNA	6S	0	HEL	.24	4
15B	APPLING SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	APPLING	2E	1	PHEL	.24	4
15C	APPLING-HELENA SANDY LOAMS, 7 TO 15 PERCENT SLOPES	1	APPLING	4E	0	PHEL	.24	4
15C	APPLING-HELENA SANDY LOAMS, 7 TO 15 PERCENT SLOPES	2	HELENA	4E	0	PHEL	.24	4
15D	WEDOWEE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	WEDOWEE	6E	0	HEL	.24	4
15E	WEDOWEE FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES	1	WEDOWEE	7E	0	HEL	.24	4
18B	HERNDON LOAM, 2 TO 7 PERCENT SLOPES	1	HERNDON	2E	1	PHEL	.43	5
18C	HERNDON LOAM, 7 TO 15 PERCENT SLOPES	1	HERNDON	4E	0	HEL	.43	5
20B	HELENA SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	HELENA	2E	1	PHEL	.24	4
20C	HELENA SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	HELENA	4E	0	PHEL	.24	4
25B	CULLEN LOAM, 2 TO 7 PERCENT SLOPES	1	CULLEN	2E	1	PHEL	.37	4
25C	CULLEN LOAM, 7 TO 15 PERCENT SLOPES	1	CULLEN	3E	0	HEL	.37	4
27B	MECKLENBURG LOAM, 2 TO 7 PERCENT SLOPES	1	MECKLENBURG	2E	1	PHEL	.24	4
27C	MECKLENBURG LOAM, 7 TO 15 PERCENT SLOPES	1	MECKLENBURG	4E	0	PHEL	.24	4
27D	MECKLENBURG LOAM, 15 TO 25 PERCENT SLOPES	1	MECKLENBURG	6E	0	HEL	.24	4
29B	IREDELL FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	IREDELL	2E	0	PHEL	.28	3
41B	ENON-HELENA-POINDEXTER SANDY LOAMS, 2 TO 7 PERCENT SLOPES	1	ENON	3E	0	PHEL	.24	3
41B	ENON-HELENA-POINDEXTER SANDY LOAMS, 2 TO 7 PERCENT SLOPES	2	HELENA	2E	0	PHEL	.24	4
41B	ENON-HELENA-POINDEXTER SANDY LOAMS, 2 TO 7 PERCENT SLOPES	3	POINDEXTER	2E	0	PHEL	.28	3
41C	ENON-HELENA-POINDEXTER SANDY LOAMS, 7 TO 15 PERCENT SLOPES	1	ENON	4E	0	HEL	.24	3
41C	ENON-HELENA-POINDEXTER SANDY LOAMS, 7 TO 15 PERCENT SLOPES	2	HELENA	4E	0	HEL	.24	4
41C	ENON-HELENA-POINDEXTER SANDY LOAMS, 7 TO 15 PERCENT SLOPES	3	POINDEXTER	3E	0	HEL	.28	3
41D	ENON-HELENA SANDY LOAMS, 15 TO 25 PERCENT SLOPES	1	ENON	6E	0	HEL	.24	3
41D	ENON-HELENA SANDY LOAMS, 15 TO 25 PERCENT SLOPES	2	HELENA		0	HEL	.24	4
42B	ENON-ORANGE SANDY LOAMS, 2 TO 7 PERCENT SLOPES, STONY	1	ENON	6S	0	PHEL	.15	3
42B	ENON-ORANGE SANDY LOAMS, 2 TO 7 PERCENT SLOPES, STONY	2	ORANGE	3E	0	PHEL	.15	3
42C	ENON-CULLEN-ORANGE COMPLEX, 7 TO 15 PERCENT SLOPES, STONY	1	ENON	6S	0	HEL	.15	3
42C	ENON-CULLEN-ORANGE COMPLEX, 7 TO 15 PERCENT SLOPES, STONY	2	CULLEN	3E	0	HEL	.15	4
42C	ENON-CULLEN-ORANGE COMPLEX, 7 TO 15 PERCENT SLOPES, STONY	3	ORANGE	4E	0	HEL	.15	3
42D	ENON-POINDEXTER SANDY LOAMS, 15 TO 25 PERCENT SLOPES, VERY STONY	1	ENON	7S	0	HEL	.15	3
42D	ENON-POINDEXTER SANDY LOAMS, 15 TO 25 PERCENT SLOPES, VERY STONY	2	POINDEXTER	4E	0	HEL	.15	3

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42E	WEDOWEE SANDY LOAM, 25 TO 60 PERCENT SLOPES, BOULDERY	1	WEDOWEE	7S	0	HEL	.20	4	
45A	DOGUE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	DOGUE	2W	1	NHEL	.28	5	
45B	DOGUE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, RARELY FLOODED	1	DOGUE	2E	1	PHEL	.28	5	
49A	WEHADKEE SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	WEHADKEE	6W	0	NHEL	.24	5	
51A	CHEWACLA LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	CHEWACLA	4W	0	NHEL	.28	5	
54B	POINDEXTER-HELENA SANDY LOAMS, 2 TO 7 PERCENT SLOPES	1	POINDEXTER	2E	0	PHEL	.28	3	
54B	POINDEXTER-HELENA SANDY LOAMS, 2 TO 7 PERCENT SLOPES	2	HELENA	2E	0	PHEL	.24	4	
54C	APPLING-POINDEXTER-HELENA SANDY LOAMS, 7 TO 15 PERCENT	1	APPLING	4E	0	HEL	.24	4	
54C	APPLING-POINDEXTER-HELENA SANDY LOAMS, 7 TO 15 PERCENT	2	POINDEXTER	3E	0	HEL	.28	3	
54C	APPLING-POINDEXTER-HELENA SANDY LOAMS, 7 TO 15 PERCENT	3	HELENA	4E	0	HEL	.24	4	
54D	POINDEXTER-HELENA-WEDOWEE SANDY LOAMS, 15 TO 25 PERCENT SLOPES	1	POINDEXTER	4E	0	HEL	.28	3	
54D	POINDEXTER-HELENA-WEDOWEE SANDY LOAMS, 15 TO 25 PERCENT SLOPES	2	HELENA		0	HEL	.24	4	
54D	POINDEXTER-HELENA-WEDOWEE SANDY LOAMS, 15 TO 25 PERCENT SLOPES	3	WEDOWEE	6E	0	HEL	.24	4	
54E	WATEREE SANDY LOAM, 25 TO 60 PERCENT SLOPES	1	WATEREE	7E	0	HEL	.20	3	
59B	MAYODAN FINE SANDY LOAMS, 2 TO 7 PERCENT SLOPES	1	MAYODAN	2E	1	PHEL	.24	4	
59C	MAYODAN FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	MAYODAN	4E	0	PHEL	.24	4	
60B	PINKSTON FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	PINKSTON	3E	0	PHEL	.20	2	
60C	PINKSTON FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	PINKSTON	4E	0	HEL	.20	2	
60D	PINKSTON FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	PINKSTON	6E	0	HEL	.20	2	
61B	TURBEVILLE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	TURBEVILLE	2E	1	PHEL	.32	5	
70C	MASADA FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	MASADA	3E	0	HEL	.32	4	
70D	MASADA FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	MASADA	4E	0	HEL	.32	4	
71C	MASADA VERY GRAVELLY SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	MASADA	3E	0	HEL	.32	4	
71D	MASADA VERY GRAVELLY SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	MASADA	4E	0	HEL	.32	4	
72B	TATUM LOAM, 2 TO 7 PERCENT SLOPES	1	TATUM	2E	1	PHEL	.37	4	
72C	TATUM LOAM, 7 TO 15 PERCENT SLOPES	1	TATUM	3E	0	HEL	.37	4	
72D	TATUM LOAM, 15 TO 25 PERCENT SLOPES	1	TATUM	4E	0	HEL	.37	4	
74B	NASON LOAM, 2 TO 7 PERCENT SLOPES	1	NASON	2E	1	PHEL	.43	4	
74C	NASON LOAM, 7 TO 15 PERCENT SLOPES	1	NASON	3E	0	HEL	.43	4	
74D	NASON LOAM, 15 TO 25 PERCENT SLOPES	1	NASON	4E	0	HEL	.43	4	
76C	GOLDSTON CHANNERY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	GOLDSTON	4S	0	HEL	.15	2	
76D	GOLDSTON CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	GOLDSTON	7S	0	HEL	.15	2	
76E	GOLDSTON CHANNERY SILT LOAM, 25 TO 45 PERCENT SLOPES	1	GOLDSTON	8S	0	HEL	.15	2	
84C	WATEREE SANDY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	WATEREE	6E	0	HEL	.20	3	
84D	WATEREE SANDY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	WATEREE	7E	0	HEL	.20	3	
87B	CREEDMOOR, DEEP, FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	CREEDMOOR	2E	0	PHEL	.28	3	
87C	CREEDMOOR, DEEP, FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	CREEDMOOR	4E	0	HEL	.28	3	

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93B	MATTAPONI SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	MATTAPONI	2E	1	PHEL	.28	5
94A	BATTEAU SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	BATTEAU	2W	1	NHEL	.32	5
95B	WINGINA LOAM, 2 TO 7 PERCENT SLOPES, OCCASIONALLY FLOODED	1	WINGINA	1	1	PHEL	.32	5
99A	WAHEE LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	WAHEE	2W	0	NHEL	.28	5

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.