

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- GREENSVILLE COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1B	ABELL LOAM, 2 TO 7 PERCENT SLOPES	1	ABELL	2E	1	PHEL	.32	3
2A	ALTAVISTA FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	1	ALTAVISTA	2W	1	PHEL	.24	5
3A	ALTAVISTA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	ALTAVISTA	2W	1	NHEL	.24	5
4B3	APPLING SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	APPLING	3E	0	PHEL	.28	3
4C3	APPLING SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	APPLING	4E	0	HEL	.28	3
5B	APPLING GRAVELLY COARSE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	APPLING	2S	1	PHEL	.15	4
6B	APPLING-LOUISBURG COMPLEX, 2 TO 7 PERCENT SLOPES	1	APPLING	2S	0	PHEL	.15	4
6B	APPLING-LOUISBURG COMPLEX, 2 TO 7 PERCENT SLOPES	2	LOUISBURG	4S	0	PHEL	.24	3
6C	APPLING-LOUISBURG COMPLEX, 7 TO 15 PERCENT SLOPES	1	APPLING	4S	0	HEL	.15	4
6C	APPLING-LOUISBURG COMPLEX, 7 TO 15 PERCENT SLOPES	2	LOUISBURG	6E	0	HEL	.32	3
7B	APPLING-MATTAPONI COMPLEX, 2 TO 7 PERCENT SLOPES	1	APPLING	2S	1	PHEL	.15	4
7B	APPLING-MATTAPONI COMPLEX, 2 TO 7 PERCENT SLOPES	2	MATTAPONI	2E	1	PHEL	.32	3
7C	APPLING-MATTAPONI COMPLEX, 7 TO 15 PERCENT SLOPES	1	APPLING	4S	0	HEL	.24	3
7C	APPLING-MATTAPONI COMPLEX, 7 TO 15 PERCENT SLOPES	2	MATTAPONI	4E	0	HEL	.28	5
8A	BOJAC LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	BOJAC	2W	1	NHEL	.17	5
9A	CHENNEBY SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	CHENNEBY	4W	0	NHEL	.37	5
10B3	CRAVEN CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	CRAVEN	4E	0	PHEL	.37	5
10C3	CRAVEN CLAY LOAM, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	1	CRAVEN	6E	0	HEL	.37	5
11A	DOTHAN LOAMY SAND, 0 TO 2 PERCENT SLOPES	1	DOTHAN	1	1	NHEL	.15	5
12B	EMPORIA LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	1	EMPORIA	2E	1	PHEL	.28	4
13A	FACEVILLE LOAMY SAND, 0 TO 2 PERCENT SLOPES	1	FACEVILLE	1	1	NHEL	.17	5
14B	FLUVANNA LOAM, 2 TO 7 PERCENT SLOPES	1	FLUVANNA	2E	1	PHEL	.37	4
15B3	FLUVANNA CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	FLUVANNA	3E	1	PHEL	.37	3
15C3	FLUVANNA CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	FLUVANNA	4E	0	HEL	.37	3
16B3	FLUVANNA-GOLDSTON COMPLEX, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	FLUVANNA	3E	0	PHEL	.37	3
16B3	FLUVANNA-GOLDSTON COMPLEX, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	2	GOLDSTON	4S	0	PHEL	.15	1
16C3	FLUVANNA-GOLDSTON COMPLEX, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	FLUVANNA	4E	0	HEL	.37	3
16C3	FLUVANNA-GOLDSTON COMPLEX, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	2	GOLDSTON	4S	0	HEL	.15	1
17B	FLUVANNA-MATTAPONI COMPLEX, 2 TO 7 PERCENT SLOPES	1	FLUVANNA	2E	1	PHEL	.37	4
17B	FLUVANNA-MATTAPONI COMPLEX, 2 TO 7 PERCENT SLOPES	2	MATTAPONI	2E	1	PHEL	.32	3
17C	FLUVANNA-MATTAPONI COMPLEX, 7 TO 15 PERCENT SLOPES	1	FLUVANNA	3E	0	HEL	.37	4
17C	FLUVANNA-MATTAPONI COMPLEX, 7 TO 15 PERCENT SLOPES	2	MATTAPONI	4E	0	HEL	.32	3
18B	GEORGEVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	GEORGEVILLE	2E	1	PHEL	.43	4
19B3	GEORGEVILLE CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	GEORGEVILLE	3E	1	PHEL	.49	4
19C3	GEORGEVILLE CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	GEORGEVILLE	6E	0	HEL	.49	4
20B	HELENA GRAVELLY COARSE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	HELENA	2E	1	PHEL	.15	3

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21B	IREDELL LOAM, 2 TO 7 PERCENT SLOPES	1	IREDELL	2E	0	PHEL	.32	3
22C3	IREDELL CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	IREDELL	6E	0	HEL	.32	3
23D	LOUISBURG-ROCK OUTCROP COMPLEX, 2 TO 25 PERCENT SLOPES	1	LOUISBURG	6E	0	HEL	.24	3
23D	LOUISBURG-ROCK OUTCROP COMPLEX, 2 TO 25 PERCENT SLOPES	2	ROCK OUTCROP		0	HEL		
24B	MATTAPONI SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	MATTAPONI	2E	1	PHEL	.32	3
25B	MATTAPONI GRAVELLY SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	MATTAPONI	2E	1	PHEL	.28	4
25C	MATTAPONI GRAVELLY SANDY LOAM, 6 TO 15 PERCENT SLOPES	1	MATTAPONI	4E	0	HEL	.28	4
26A	ORANGEBURG LOAMY SAND, 0 TO 2 PERCENT SLOPES	1	ORANGEBURG	1	1	NHEL	.10	5
27A	PEAWICK LOAM, 0 TO 3 PERCENT SLOPES	1	PEAWICK	2W	1	NHEL	.37	4
28B3	PEAWICK CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED	1	PEAWICK	3E	1	PHEL	.37	3
28C3	PEAWICK CLAY LOAM, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	1	PEAWICK	4E	0	HEL	.37	3
30A	RIVERVIEW SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	RIVERVIEW	4W	1	NHEL	.32	5
31A	ROANOKE LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	ROANOKE	5W	0	NHEL	.37	4
32A	ROANOKE SILT LOAM, 0 TO 2 PERCENT SLOPES, PONDED	1	ROANOKE	7W	0	NHEL	.37	4
33A	SLAGLE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	1	SLAGLE	2W	1	PHEL	.28	3
34A	STATE LOAMY SAND, 0 TO 3 PERCENT SLOPES	1	STATE	1	1	PHEL	.28	5
35A	TARBORO LOAMY SAND, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	TARBORO	3S	0	NHEL	.10	5
36B	UCHEE LOAMY SAND, 0 TO 6 PERCENT SLOPES	1	UCHEE	2S	0	PHEL	.10	5
38A	WICKHAM FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	1	WICKHAM	1	1	PHEL	.24	5
39A	WICKHAM SANDY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	WICKHAM	2W	1	NHEL	.24	5
40A	WOODINGTON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	WOODINGTON	3W	0	NHEL	.20	5

This information is from the published Soil Survey for Greensville County, Virginia; released June 1989. HEL ratings are from Greensville County HEL table, August 1983.

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.