

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- BUCKINGHAM COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1A	YOGAVILLE LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	YOGAVILLE	6W	0	NHEL	.32	5
2A	WEHADKEE LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	WEHADKEE	6W	0	NHEL	.24	5
3B	CHEWACLA LOAM, 0 TO 4 PERCENT SLOPES, FREQUENTLY FLOODED	1	CHEWACLA	4W	0	PHEL	.28	5
4B	BATTEAU LOAM, 0 TO 4 PERCENT SLOPES, OCCASIONALLY FLOODED	1	BATTEAU	2W	1	PHEL	.32	5
5B	COBBLY-LOAMY ALLUVIAL COMPLEX, FREQUENTLY FLOODED	1	COBBLY	3S	0	NHEL	.20	3
5B	COBBLY-LOAMY ALLUVIAL COMPLEX, FREQUENTLY FLOODED	2	LOAMY	2W	0	NHEL	.17	5
6B	ALTAVISTA LOAM, 0 TO 6 PERCENT SLOPES, OCCASIONALLY FLOODED	1	ALTAVISTA	2E	1	PHEL	.24	5
7B	DOGUE SANDY LOAM, 2 TO 7 PERCENT SLOPES, RARELY FLOODED	1	DOGUE	2E	1	PHEL	.28	5
7C	DOGUE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	DOGUE	4E	0	PHEL	.28	5
7D	DOGUE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	DOGUE		0	HEL	.28	5
8B	RIVERVIEW LOAM, 0 TO 4 PERCENT SLOPES, OCCASIONALLY FLOODED	1	RIVERVIEW	2W	0	PHEL	.32	5
9B	WINGINA LOAM, 0 TO 4 PERCENT SLOPES, OCCASIONALLY FLOODED	1	WINGINA	1	1	PHEL	.32	5
10B	GRAVELLY-CHANNERY OUTWASH ON JAMES RIVER FLOOD PLAIN	1	GRAVELLY	2S	0	PHEL	.17	3
12A	STATE LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	STATE	1	1	NHEL	.28	5
12B	STATE LOAM, 2 TO 7 PERCENT SLOPES	1	STATE	2E	1	PHEL	.28	5
12C	STATE LOAM, 7 TO 15 PERCENT SLOPES	1	STATE		0	HEL	.28	5
13B	TURBEVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	TURBEVILLE	2E	1	PHEL	.37	5
13C	TURBEVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	TURBEVILLE	3E	0	HEL	.37	5
14B	MASADA SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	MASADA	2E	1	PHEL	.32	4
14C	MASADA SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	MASADA	3E	0	HEL	.32	4
14D	MASADA SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	MASADA	4E	0	HEL	.32	4
15B	TURBEVILLE-TATUM COMPLEX, 2 TO 7 PERCENT SLOPES	1	TURBEVILLE	2E	0	PHEL	.37	5
15B	TURBEVILLE-TATUM COMPLEX, 2 TO 7 PERCENT SLOPES	2	TATUM	2E	0	PHEL	.20	4
15C	TURBEVILLE-TATUM COMPLEX, 7 TO 15 PERCENT SLOPES	1	TURBEVILLE	3E	0	PHEL	.37	5
15C	TURBEVILLE-TATUM COMPLEX, 7 TO 15 PERCENT SLOPES	2	TATUM	3E	0	PHEL	.20	4
15D	TURBEVILLE-TATUM COMPLEX, 15 TO 25 PERCENT SLOPES	1	TURBEVILLE	4E	0	HEL	.37	5
15D	TURBEVILLE-TATUM COMPLEX, 15 TO 25 PERCENT SLOPES	2	TATUM	4E	0	HEL	.20	4
16B	TURBEVILLE-AYERSVILLE COMPLEX, 2 TO 7 PERCENT SLOPES	1	TURBEVILLE	2E	0	PHEL	.37	5
16B	TURBEVILLE-AYERSVILLE COMPLEX, 2 TO 7 PERCENT SLOPES	2	AYERSVILLE	3E	0	PHEL	.32	2
16C	TURBEVILLE-AYERSVILLE COMPLEX, 7 TO 15 PERCENT SLOPES	1	TURBEVILLE	3E	0	HEL	.37	5
16C	TURBEVILLE-AYERSVILLE COMPLEX, 7 TO 15 PERCENT SLOPES	2	AYERSVILLE	4E	0	HEL	.32	2
16D	TURBEVILLE-AYERSVILLE COMPLEX, 15 TO 25 PERCENT SLOPES	1	TURBEVILLE	4E	0	HEL	.37	5
16D	TURBEVILLE-AYERSVILLE COMPLEX, 15 TO 25 PERCENT SLOPES	2	AYERSVILLE	6E	0	HEL	.32	2
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
21B	WORSHAM LOAM, 2 TO 7 PERCENT SLOPES	1	WORSHAM	4W	0	PHEL	.37	4
41C	MANTEO-ROCK OUTCROP COMPLEX, 7 TO 15 PERCENT SLOPES	1	MANTEO	7S	0	HEL	.28	1
41C	MANTEO-ROCK OUTCROP COMPLEX, 7 TO 15 PERCENT SLOPES	2	ROCK OUTCROP	8S	0	HEL		
41D	MANTEO-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES	1	MANTEO	7S	0	HEL	.28	1

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41D	MANTEO-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES	2	ROCK OUTCROP	8S	0	HEL		
41E	MANTEO-ROCK OUTCROP COMPLEX, 2 TO 60 PERCENT SLOPES	1	MANTEO	7S	0	HEL	.28	1
41E	MANTEO-ROCK OUTCROP COMPLEX, 2 TO 60 PERCENT SLOPES	2	ROCK OUTCROP	8S	0	HEL		
42B	GEORGEVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	GEORGEVILLE	2E	1	PHEL	.43	4
42C	GEORGEVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	GEORGEVILLE	4E	0	HEL	.43	4
42D	GEORGEVILLE LOAM, 15 TO 25 PERCENT SLOPES	1	GEORGEVILLE	6E	0	HEL	.43	4
42E	GEORGEVILLE LOAM, 25 TO 55 PERCENT SLOPES	1	GEORGEVILLE		0	HEL	.43	4
43B	LIGNUM SILT LOAM, 2 TO 7 PERCENT SLOPES	1	LIGNUM	2E	0	PHEL	.37	4
44B	BADIN SILT LOAM, 2 TO 7 PERCENT SLOPES	1	BADIN	3E	1	PHEL	.32	3
44C	BADIN SILT LOAM, 7 TO 15 PERCENT SLOPES	1	BADIN	4E	0	HEL	.32	3
44D	BADIN SILT LOAM, 15 TO 25 PERCENT SLOPES	1	BADIN	6E	0	HEL	.32	3
45C	MANTEO VERY CHANNERY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	MANTEO	7S	0	HEL	.28	1
45D	MANTEO VERY CHANNERY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	MANTEO	7S	0	HEL	.28	1
45E	MANTEO VERY CHANNERY LOAM, 25 TO 60 PERCENT SLOPES, SEVERELY ERODED	1	MANTEO	7S	0	HEL	.28	1
46B	TATUM SILT LOAM, 2 TO 7 PERCENT SLOPES	1	TATUM	2E	1	PHEL	.20	4
46C	TATUM SILT LOAM, 7 TO 15 PERCENT SLOPES	1	TATUM	3E	0	HEL	.20	4
47B	VANCE LOAM, 2 TO 7 PERCENT SLOPES	1	VANCE	3E	0	PHEL	.24	3
47C	VANCE LOAM, 7 TO 15 PERCENT SLOPES	1	VANCE	4E	0	PHEL	.24	3
48B	APPLING LOAM, 2 TO 7 PERCENT SLOPES	1	APPLING	2E	1	PHEL	.24	4
48C	APPLING LOAM, 7 TO 15 PERCENT SLOPES	1	APPLING	4E	0	PHEL	.24	4
49B	WEDOWEE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	WEDOWEE	2E	1	PHEL	.24	4
49C	WEDOWEE-LOUISBURG COMPLEX, 7 TO 15 PERCENT SLOPES	1	WEDOWEE	4E	0	HEL	.24	4
49C	WEDOWEE-LOUISBURG COMPLEX, 7 TO 15 PERCENT SLOPES	2	LOUISBURG	6E	0	HEL	.24	3
49D	WEDOWEE-LOUISBURG COMPLEX, 15 TO 25 PERCENT SLOPES	1	WEDOWEE	6E	0	HEL	.24	4
49D	WEDOWEE-LOUISBURG COMPLEX, 15 TO 25 PERCENT SLOPES	2	LOUISBURG	7E	0	HEL	.24	3
52B	HELENA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	HELENA	2E	0	PHEL	.24	4
52C	HELENA FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	HELENA	4E	0	PHEL	.24	4
53B	LOUISBURG GRAVELLY COARSE SANDY LOAM, SLOPES	1	LOUISBURG	4S	0	PHEL	.24	3
53C	LOUISBURG GRAVELLY COARSE SANDY LOAM, SLOPES	1	LOUISBURG	6E	0	HEL	.24	3
53D	LOUISBURG GRAVELLY COARSE SANDY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	LOUISBURG	7E	0	HEL	.24	3
53E	LOUISBURG GRAVELLY COARSE SANDY LOAM, 25 TO 50 PERCENT SLOPES, SEVERELY ERODED	1	LOUISBURG	7E	0	HEL	.24	3
54B	PACOLET SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	PACOLET	2E	0	PHEL	.10	3
54C	PACOLET SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	PACOLET	4E	0	PHEL	.10	3
54D	PACOLET SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	PACOLET	6E	0	HEL	.20	3
55B	NASON GRAVELLY LOAM, 2 TO 7 PERCENT SLOPES	1	NASON	2E	0	PHEL	.24	4
55C	NASON GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES	1	NASON	3E	0	HEL	.24	4
56B	CECIL SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	CECIL	2E	1	PHEL	.28	4
56C	CECIL SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	CECIL	4E	0	PHEL	.28	4
62B	IREDELL LOAM, 2 TO 7 PERCENT SLOPES	1	IREDELL	2E	0	PHEL	.32	3
62C	IREDELL LOAM, 7 TO 15 PERCENT SLOPES	1	IREDELL	6E	0	HEL	.32	3
62D	IREDELL CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	IREDELL		0	HEL	.32	3
64B	MECKLENBURG-POINDEXTER COMPLEX, 2 TO 7 PERCENT SLOPES	1	MECKLENBURG	2E	1	PHEL	.24	4
64B	MECKLENBURG-POINDEXTER COMPLEX, 2 TO 7 PERCENT SLOPES	2	POINDEXTER	2E	1	PHEL	.32	3
64C	MECKLENBURG-POINDEXTER COMPLEX, 7 TO 15 PERCENT SLOPES	1	MECKLENBURG	4E	0	HEL	.24	4
64C	MECKLENBURG-POINDEXTER COMPLEX, 7 TO 15 PERCENT SLOPES	2	POINDEXTER	3E	0	HEL	.32	3
64D	MECKLENBURG-POINDEXTER COMPLEX, 15 TO 25 PERCENT SLOPES	1	MECKLENBURG	6E	0	HEL	.24	4
64D	MECKLENBURG-POINDEXTER COMPLEX, 15 TO 25 PERCENT SLOPES	2	POINDEXTER	4E	0	HEL	.32	3

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65B	POINDEXTER GRAVELLY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	POINDEXTER	2E	0	PHEL	.32	3
65C	POINDEXTER GRAVELLY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	POINDEXTER	3E	0	HEL	.32	3
65D	POINDEXTER GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	POINDEXTER	4E	0	HEL	.32	3
65E	POINDEXTER GRAVELLY SILT LOAM, 25 TO 60 PERCENT SLOPES	1	POINDEXTER	7E	0	HEL	.32	3
66B	MECKLENBURG LOAM, 2 TO 7 PERCENT SLOPES	1	MECKLENBURG	2E	1	PHEL	.24	4
66C	MECKLENBURG LOAM, 7 TO 15 PERCENT SLOPES	1	MECKLENBURG	4E	0	PHEL	.24	4
66D	MECKLENBURG LOAM, 15 TO 25 PERCENT SLOPES	1	MECKLENBURG	6E	0	HEL	.24	4
68B	CULLEN CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	3E	1	PHEL	.24	3
68C	CULLEN CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	4E	0	HEL	.24	3
71B	DOGUE (HIGH TERRACE) SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	DOGUE	2E	1	PHEL	.28	5
71C	DOGUE (HIGH TERRACE) SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	DOGUE	4E	0	PHEL	.28	5
71D	DOGUE (HIGH TERRACE) SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	DOGUE		0	HEL	.28	5
81C	MAYODAN GRAVELLY SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	MAYODAN	4E	0	PHEL	.15	4
81D	MAYODAN GRAVELLY SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	MAYODAN	6E	0	HEL	.15	4
81E	MAYODAN THIN SOLUM, 25 TO 55 PERCENT SLOPES	1	MAYODAN	7E	0	HEL	.24	4
82B	MAYODAN GRAVELLY SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	MAYODAN	2E	1	PHEL	.15	4
82C	MAYODAN GRAVELLY SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	MAYODAN	4E	0	PHEL	.15	4
82D	MAYODAN GRAVELLY SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	MAYODAN	6E	0	HEL	.15	4
84C	AYERSVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	AYERSVILLE	4E	0	HEL	.32	2
84D	AYERSVILLE LOAM, 15 TO 25 PERCENT SLOPES	1	AYERSVILLE	6E	0	HEL	.32	2
85E	MEADOWS LOAM, 25 TO 60 PERCENT SLOPES, SEVERELY ERODED	1	MEADOWS		0	HEL	.37	2
86B	STONEVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	STONEVILLE	2E	1	PHEL	.32	4
87B	CREEDMOOR FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	CREEDMOOR	2E	0	PHEL	.28	3
87C	CREEDMOOR FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	CREEDMOOR	3E	0	HEL	.28	3
88B	WHITE STORE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	WHITE STORE	2E	0	PHEL	.43	3
150B	APPOMATTOX-GEORGEVILLE COMPLEX, 2 TO 7 PERCENT SLOPES	1	APPOMATTOX	2E	1	PHEL	.20	5
150B	APPOMATTOX-GEORGEVILLE COMPLEX, 2 TO 7 PERCENT SLOPES	2	GEORGEVILLE	2E	1	PHEL	.43	4
150C	APPOMATTOX-GEORGEVILLE COMPLEX, 7 TO 15 PERCENT SLOPES	1	APPOMATTOX	3E	0	PHEL	.20	5
150C	APPOMATTOX-GEORGEVILLE COMPLEX, 7 TO 15 PERCENT SLOPES	2	GEORGEVILLE	4E	0	PHEL	.43	4
151B	APPOMATTOX-TATUM COMPLEX, 2 TO 7 PERCENT SLOPES	1	APPOMATTOX	2E	1	PHEL	.20	5
151B	APPOMATTOX-TATUM COMPLEX, 2 TO 7 PERCENT SLOPES	2	TATUM	2E	1	PHEL	.20	4
151C	APPOMATTOX-TATUM COMPLEX, 7 TO 15 PERCENT SLOPES	1	APPOMATTOX	3E	0	PHEL	.20	5
151C	APPOMATTOX-TATUM COMPLEX, 7 TO 15 PERCENT SLOPES	2	TATUM	3E	0	PHEL	.20	4
152B	APPOMATTOX-BADIN COMPLEX, 2 TO 7 PERCENT SLOPES	1	APPOMATTOX	2E	1	PHEL	.28	5
152B	APPOMATTOX-BADIN COMPLEX, 2 TO 7 PERCENT SLOPES	2	BADIN	3E	1	PHEL	.32	3
152C	APPOMATTOX-BADIN COMPLEX, 7 TO 15 PERCENT SLOPES	1	APPOMATTOX	3E	0	HEL	.28	5
152C	APPOMATTOX-BADIN COMPLEX, 7 TO 15 PERCENT SLOPES	2	BADIN	4E	0	HEL	.32	3

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152D	APPOMATTOX-BADIN COMPLEX, 15 TO 25 PERCENT SLOPES	1	APPOMATTOX	4E	0	HEL	.28	5
152D	APPOMATTOX-BADIN COMPLEX, 15 TO 25 PERCENT SLOPES	2	BADIN	6E	0	HEL	.32	3
160B	MATTAPONI-CECIL COMPLEX, 2 TO 7 PERCENT SLOPES	1	MATTAPONI	2E	1	PHEL	.28	5
160B	MATTAPONI-CECIL COMPLEX, 2 TO 7 PERCENT SLOPES	2	CECIL	2E	1	PHEL	.28	4
160C	MATTAPONI-CECIL COMPLEX, 7 TO 15 PERCENT SLOPES	1	MATTAPONI	4E	0	PHEL	.28	5
160C	MATTAPONI-CECIL COMPLEX, 7 TO 15 PERCENT SLOPES	2	CECIL	4E	0	PHEL	.28	4
161B	MATTAPONI-TATUM COMPLEX, 2 TO 7 PERCENT SLOPES	1	MATTAPONI	2E	1	PHEL	.28	5
161B	MATTAPONI-TATUM COMPLEX, 2 TO 7 PERCENT SLOPES	2	TATUM	2E	1	PHEL	.37	4
161C	MATTAPONI-TATUM COMPLEX, 7 TO 15 PERCENT SLOPES	1	MATTAPONI	4E	0	HEL	.28	5
161C	MATTAPONI-TATUM COMPLEX, 7 TO 15 PERCENT SLOPES	2	TATUM	3E	0	HEL	.37	4
162B	MATTAPONI-GEORGEVILLE COMPLEX, 2 TO 7 PERCENT SLOPES	1	MATTAPONI	2E	1	PHEL	.28	5
162B	MATTAPONI-GEORGEVILLE COMPLEX, 2 TO 7 PERCENT SLOPES	2	GEORGEVILLE	2E	1	PHEL	.43	4
162C	MATTAPONI-GEORGEVILLE COMPLEX, 7 TO 15 PERCENT SLOPES	1	MATTAPONI	4E	0	HEL	.28	5
162C	MATTAPONI-GEORGEVILLE COMPLEX, 7 TO 15 PERCENT SLOPES	2	GEORGEVILLE	4E	0	HEL	.43	4

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.