

HIGHLY ERODIBLE LAND REPORT
 JANUARY, 1990

Survey Area- ROCKINGHAM COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1B	ALLEGHENY FINE SANDY LOAM, 1 TO 7 PERCENT SLOPES	1	ALLEGHENY	2E	1	PHEL	.28	4
2B	ALLEGHENY COBBLY FINE SANDY LOAM, 1 TO 7 PERCENT SLOPES	1	ALLEGHENY	3E	0	PHEL	.20	3
3B	ALLEGHENY-MONONGAHELA FINE SANDY LOAMS, 0 TO 7 PERCENT SLOPES	1	ALLEGHENY	2E	0	PHEL	.28	4
5C2	BERKS-WEIKERT CHANNERY SILT LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	BERKS	3E	0	PHEL	.24	3
5D2	BERKS-WEIKERT CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	BERKS	4E	0	HEL	.24	3
6C2	BERKS-WEIKERT VERY STONY SILT LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	BERKS	6S	0	PHEL	.17	3
6D2	BERKS-WEIKERT VERY STONY SILT LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	BERKS	6S	0	HEL	.32	3
7A	BUCHANAN SILT LOAM, 0 TO 5 PERCENT SLOPES	1	BUCHANAN	2W	0	PHEL	.24	3
8B	BUCHANAN COBBLY FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	BUCHANAN COBBLY	2E	0	PHEL	.24	3
8C	BUCHANAN COBBLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	BUCHANAN COBBLY	3E	0	PHEL	.24	3
9C	BUCHANAN VERY STONY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	BUCHANAN	6S	0	HEL	.24	3
10A	BUCKTON LOAM, 0 TO 4 PERCENT SLOPES	1	BUCKTON	2W	1	PHEL	.28	3
11B	BURKETOWN FINE SANDY LOAM, 2 TO 10 PERCENT SLOPES	1	BURKETOWN	2E	0	PHEL	.37	2
12B	CARBO-ENDCAV-ROCK OUTCROP COMPLEX, 2 TO 7 PERCENT SLOPES	1	CARBO	2E	0	PHEL	.37	2
12C	CARBO-ENDCAV-ROCK OUTCROP COMPLEX, 7 TO 15 PERCENT SLOPES	1	CARBO	3E	0	HEL	.37	2
13A	CHAVIES FINE SANDY LOAM, 0 TO 4 PERCENT SLOPES	1	CHAVIES	2E	1	NHEL	.24	4
14B2	CHILHOWIE SILTY CLAY, 2 TO 7 PERCENT SLOPES, ERODED	1	CHILHOWIE	3E	0	PHEL	.28	2
14C2	CHILHOWIE SILTY CLAY, 7 TO 15 PERCENT SLOPES, ERODED	1	CHILHOWIE	4E	0	HEL	.28	2
14D2	CHILHOWIE SILTY CLAY, 15 TO 25 PERCENT SLOPES, ERODED	1	CHILHOWIE	6E	0	HEL	.28	2
15B2	CHILHOWIE SILTY CLAY, ROCKY, 2 TO 7 PERCENT SLOPES, ERODED	1	CHILHOWIE	3E	0	PHEL	.28	2
15C2	CHILHOWIE SILTY CLAY, ROCKY, 7 TO 15 PERCENT SLOPES, ERODED	1	CHILHOWIE	4E	0	HEL	.28	2
15D2	CHILHOWIE SILTY CLAY, ROCKY, 15 TO 25 PERCENT SLOPES, ERODED	1	CHILHOWIE	6E	0	HEL	.28	2
16E3	CHILHOWIE CLAY, ROCKY, 25 TO 45 PERCENT SLOPES, SEVERELY ERODED	1	CHILHOWIE	7E	0	HEL	.28	2
17B2	CHILHOWIE-EDOM SILTY CLAY LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	1	CHILHOWIE	3E	0	PHEL	.37	2

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17C2	CHILHOWIE-EDOM SILTY CLAY LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	CHILHOWIE	4E	0	HEL	.37	2
17D2	CHILHOWIE-EDOM SILTY CLAY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	CHILHOWIE	6E	0	HEL	.37	2
18B	COTACO FINE SANDY LOAM, 0 TO 7 PERCENT SLOPES	1	COTACO	2E	1	PHEL	.37	3
19B	COTACO COBBLY FINE SANDY LOAM, 0 TO 7 PERCENT SLOPES	1	COTACO COBBLY	3E	0	PHEL	.24	3
20B	COTACO VARIANT COBBLY LOAM, 1 TO 7 PERCENT SLOPES	1	COTACO VARIANT	2W	0	PHEL	.24	3
21B	CRAIGSVILLE COBBLY FINE SANDY LOAM, 0 TO 4 PERCENT SLOPES	1	CRAIGSVILLE COBBLY	3S	0	NHEL	.17	5
22F	DRALL EXTREMELY STONY SANDY LOAM, 40 TO 70 PERCENT SLOPES	1	DRALL	7S	0	HEL	.17	3
23B2	EDOM SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	EDOM	2E	1	PHEL	.28	3
23C2	EDOM SILTY CLAY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	EDOM	3E	0	HEL	.28	3
23D2	EDOM SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	EDOM	4E	0	HEL	.28	3
24B2	ENDCAV SILT LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	ENDCAV	2E	1	PHEL	.37	3
24C2	ENDCAV SILT LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	ENDCAV	3E	0	HEL	.37	3
25B2	ENDCAV SILT LOAM, ROCKY, 2 TO 7 PERCENT SLOPES, ERODED	1	ENDCAV	2E	1	PHEL	.37	3
25C2	ENDCAV SILT LOAM, ROCKY, 7 TO 15 PERCENT SLOPES, ERODED	1	ENDCAV	3E	0	HEL	.37	3
26C2	FAUQUIER STONY SILT LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	FAUQUIER	3E	0	HEL	.32	3
26D2	FAUQUIER STONY SILT LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	FAUQUIER	4E	0	HEL	.32	3
27E	FAUQUIER VERY STONY SILT LOAM, 25 TO 50 PERCENT SLOPES	1	FAUQUIER	7S	0	HEL	.32	3
29B2	FREDERICK AND LODI SILT LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	1	FREDERICK	2E	1	PHEL	.32	4
29C2	FREDERICK AND LODI SILT LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	FREDERICK	3E	0	PHEL	.32	4
29D2	FREDERICK AND LODI SILT LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	FREDERICK	4E	0	HEL	.32	4
29E2	FREDERICK AND LODI SILT LOAMS, 25 TO 45 PERCENT SLOPES, ERODED	1	FREDERICK	7E	0	HEL	.32	4
30C3	FREDERICK AND LODI SILTY CLAY LOAMS, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	FREDERICK	4E	0	PHEL	.32	4
30D3	FREDERICK AND LODI SILTY CLAY LOAMS, 15 TO 35 PERCENT SLOPES, SEVERELY ERODED	1	FREDERICK	7E	0	HEL	.32	4
31B2	FREDERICK AND LODI GRAVELLY SILT LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	1	FREDERICK	2E	1	PHEL	.28	4
31C2	FREDERICK AND LODI GRAVELLY SILT LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	FREDERICK	3E	0	PHEL	.28	4
31D2	FREDERICK AND LODI GRAVELLY SILT LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	FREDERICK	4E	0	HEL	.28	4
31E2	FREDERICK AND LODI GRAVELLY SILT LOAMS, 25 TO 45 PERCENT SLOPES	1	FREDERICK	7E	0	HEL	.28	4
32C	FREDERICK AND LODI VERY GRAVELLY SILT LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	FREDERICK	4S	0	PHEL	.28	4

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32D	FREDERICK AND LODI VERY GRAVELLY SILT LOAMS, 15 TO 25 PERCENT SLOPES	1	FREDERICK	6S	0	HEL	.28	4
32E	FREDERICK AND LODI VERY GRAVELLY SILT LOAMS, 25 TO 45 PERCENT SLOPES	1	FREDERICK	7E	0	HEL	.28	4
33B2	FREDERICK AND LODI SILT LOAMS, ROCKY, 2 TO 7 PERCENT SLOPES, ERODED	1	FREDERICK	6S	1	PHEL	.32	4
33C2	FREDERICK AND LODI SILT LOAMS, ROCKY, 7 TO 15 PERCENT SLOPES, ERODED	1	FREDERICK	6S	0	P HEL	.32	4
33D2	FREDERICK AND LODI SILT LOAMS, ROCKY, 15 TO 25 PERCENT SLOPES, ERODED	1	FREDERICK	6S	0	HEL	.32	4
33E2	FREDERICK AND LODI SILT LOAMS, ROCKY, 25 TO 45 PERCENT SLOPES, ERODED	1	FREDERICK	7E	0	HEL	.32	4
34C	FREDERICK-ROCK OUTCROP COMPLEX, 3 TO 15 PERCENT SLOPES	1	FREDERICK	6S	0	PHEL	.32	4
34E	FREDERICK-ROCK OUTCROP COMPLEX, 15 TO 45 PERCENT SLOPES	1	FREDERICK	7E	0	HEL	.32	4
35B	GUERNSEY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	GUERNSEY	2E	1	PHEL	.43	3
36B	HAWKSBILL COBBLY LOAM, 2 TO 7 PERCENT SLOPES	1	HAWKSBILL COBBLY	3S	0	PHEL	.17	4
37B	HAWKSBILL VERY COBBLY LOAM, 2 TO 7 PERCENT SLOPES	1	HAWKSBILL	6S	0	PHEL	.17	4
38C	HAWKSBILL EXTREMELY STONY LOAM, 7 TO 15 PERCENT SLOPES	1	HAWKSBILL	7S	0	PHEL	.17	3
39B	LAIDIG GRAVELLY FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	LAIDIG	2E	1	PHEL	.24	4
39C	LAIDIG GRAVELLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	LAIDIG	3E	0	PHEL	.24	4
40B	LAIDIG COBBLY FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	LAIDIG COBBLY	2E	0	PHEL	.28	4
40C	LAIDIG COBBLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	LAIDIG	3E	0	PHEL	.28	4
40D	LAIDIG COBBLY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	LAIDIG COBBLY	4E	0	HEL	.28	4
40E	LAIDIG COBBLY FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES	1	LAIDIG COBBLY	7E	0	HEL	.28	4
41C	LAIDIG VERY STONY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	LAIDIG	6S	0	PHEL	.28	4
41D	LAIDIG VERY STONY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	LAIDIG	6S	0	HEL	.28	4
41E	LAIDIG VERY STONY FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES	1	LAIDIG	7S	0	HEL	.28	4
42C	LAIDIG-BUCHANAN EXTREMELY STONY LOAMS, 7 TO 20 PERCENT SLOPES	1	LAIDIG	7S	0	PHEL	.28	4
43C	LEHEW, DEKALB, AND CALVIN COBBLY SOILS, 5 TO 15 PERCENT SLOPES	1	LEHEW	3E	0	PHEL	.17	3
43D	LEHEW, DEKALB, AND CALVIN COBBLY SOILS, 15 TO 25 PERCENT SLOPES	1	LEHEW	4E	0	HEL	.17	3
44E	LEHEW, DEKALB, AND CALVIN VERY STONY SOILS, 25 TO 45 PERCENT SLOPES	1	LEHEW	7S	0	HEL	.17	3
44F	LEHEW, DEKALB, AND CALVIN VERY STONY SOILS, 45 TO 65 PERCENT SLOPES	1	LEHEW	7S	0	HEL	.17	3
45A	MASSANETTA SILT LOAM, 0 TO 2 PERCENT SLOPES	1	MASSANETTA	2W	1	NHEL	.37	5
46A	MILLROCK LOAMY SAND, 0 TO 4 PERCENT SLOPES	1	MILLROCK	3S	0	NHEL	.17	2
47B	MONONGAHELA FINE SANDY LOAM, 0 TO 7 PERCENT SLOPES	1	MONONGAHELA	2E	0	PHEL	.43	3

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47C2	MONONGAHELA FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	MONONGAHELA	3E	0	HEL	.43	3
48B	MONONGAHELA COBBLY FINE SANDY LOAM, 0 TO 7 PERCENT SLOPES	1	MONONGAHELA COBBLY	2E	0	PHEL	.37	3
48C	MONONGAHELA COBBLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	MONONGAHELA COBBLY	3E	0	HEL	.37	3
49C	MYERSVILLE VERY STONY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	MYERSVILLE	6S	0	PHEL	.32	4
49D	MYERSVILLE VERY STONY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	MYERSVILLE	6S	0	HEL	.32	4
49F	MYERSVILLE VERY STONY SILT LOAM, 25 TO 60 PERCENT SLOPES	1	MYERSVILLE	7E	0	HEL	.32	4
50B	NIXA-FREDERICK-LODI GRAVELLY LOAMS, 2 TO 7 PERCENT SLOPES	1	NIXA	3S	0	PHEL	.43	2
50C	NIXA-FREDERICK-LODI GRAVELLY LOAMS, 7 TO 15 PERCENT SLOPES	1	NIXA	4S	0	HEL	.43	2
51	PITS, GRAVEL	1	PITS	8S	0	PHEL	.02	
52	PITS, SAND	1	PITS	8S	0	PHEL	.17	5
53	PITS AND DUMPS, LIMESTONE	1	PITS AND DUMPS	8S	0	PHEL		
54A	PURDY SILT LOAM, 0 TO 2 PERCENT SLOPES	1	PURDY	4W	0	NHEL	.43	3
55C	ROCK OUTCROP-CARBO COMPLEX, 0 TO 20 PERCENT SLOPES	1	ROCK OUTCROP	8S	0	HEL		
56C	ROCK OUTCROP-FREDERICK COMPLEX, 2 TO 15 PERCENT SLOPES	1	ROCK OUTCROP	8S	0	HEL		
56D	ROCK OUTCROP-FREDERICK COMPLEX, 15 TO 45 PERCENT SLOPES	1	ROCK OUTCROP	8S	0	HEL		
57E	ROCK OUTCROP-LAIDIG COMPLEX, 25 TO 55 PERCENT SLOPES	1	ROCK OUTCROP	8S	0	HEL		
58B2	SEQUOIA SILT LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	SEQUOIA	3E	1	PHEL	.37	3
58C2	SEQUOIA SILT LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	SEQUOIA	4E	0	HEL	.37	3
59B2	SEQUOIA-BERKS SILT LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	1	SEQUOIA	3E	1	PHEL	.37	3
59C2	SEQUOIA-BERKS SILT LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	SEQUOIA	4E	0	HEL	.37	3
59D2	SEQUOIA-BERKS SILT LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	SEQUOIA	6E	0	HEL	.37	3
60C	SEQUOIA-BERKS STONY LOAMS, 7 TO 15 PERCENT SLOPES	1	SEQUOIA	4E	0	HEL	.37	3
60D	SEQUOIA-BERKS STONY LOAMS, 15 TO 25 PERCENT SLOPES	1	SEQUOIA	6E	0	HEL	.37	3
61B	SHELOCTA VARIANT STONY LOAM, 2 TO 10 PERCENT SLOPES	1	SHELOCTA VARIANT	2E	0	HEL	.32	3
62C	SHELOCTA VARIANT VERY STONY LOAM, 5 TO 15 PERCENT SLOPES	1	SHELOCTA VARIANT	6S	0	PHEL	.32	3
63B	SHENVAL LOAM, 2 TO 7 PERCENT SLOPES	1	SHENVAL	2E	1	PHEL	.32	4
63C2	SHENVAL LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	SHENVAL	3E	0	HEL	.32	4
63D2	SHENVAL LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	SHENVAL	4E	0	HEL	.32	4
64C	SHERANDO COBBLY SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	SHERANDO COBBLY	4E	0	PHEL	.17	4
64D	SHERANDO COBBLY SANDY LOAM, 15 TO 35 PERCENT SLOPES	1	SHERANDO COBBLY	7E	0	HEL	.17	4
65B2	SWIMLEY SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	SWIMLEY	2E	1	PHEL	.37	4
65C2	SWIMLEY SILTY CLAY LOAM, 7 TO 15 PERCENT SLOPES	1	SWIMLEY	3E	0	HEL	.37	4

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66D	SLOPES, ERODED SYLCO FLAGGY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	SYLCO	7E	0	HEL	.20	3
66E	SLOPES SYLCO FLAGGY SILT LOAM, 25 TO 45 PERCENT SLOPES	1	SYLCO	7E	0	HEL	.20	3
67F	SLOPES SYLCO VERY STONY SILT LOAM, 25 TO 60 PERCENT SLOPES	1	SYLCO	7E	0	HEL	.20	2
68B	TIMBERVILLE VARIANT SILT LOAM, 0 TO 7 PERCENT SLOPES	1	TIMBERVILLE VARIANT	2E	0	PHEL	.32	4
69A	TIOGA FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	1	TIOGA	1	1	NHEL	.37	5
71B2	UNISON FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	UNISON	2E	1	PHEL	.32	4
71C2	UNISON FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	UNISON	3E	0	PHEL	.32	4
72B2	UNISON COBBLY FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	UNISON COBBLY	3E	0	PHEL	.24	4
72C2	UNISON COBBLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	UNISON COBBLY	3E	0	PHEL	.24	4
72D2	UNISON COBBLY FINE SANDY LOAM, 15 TO 30 PERCENT SLOPES, ERODED	1	UNISON COBBLY	4E	0	HEL	.24	4
74E2	WEIKERT-BERKS CHANNERY SILT LOAMS, 25 TO 45 PERCENT SLOPES, ERODED	1	WEIKERT	7E	0	HEL	.28	2
74F2	WEIKERT-BERKS CHANNERY SILT LOAMS, 45 TO 70 PERCENT SLOPES, ERODED	1	WEIKERT	7E	0	HEL	.28	2
75E2	WEIKERT-BERKS VERY STONY SILT LOAMS, 25 TO 45 PERCENT SLOPES, ERODED	1	WEIKERT	7S	0	HEL	.28	2
75F2	WEIKERT-BERKS VERY STONY SILT LOAMS, 45 TO 70 PERCENT SLOPES, ERODED	1	WEIKERT	7S	0	HEL	.28	2
76A	WHEELING FINE SANDY LOAMS, 0 TO 4 PERCENT SLOPES	1	WHEELING	1	1	NHEL	.32	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.