

HIGHLY ERODIBLE LAND REPORT  
JANUARY, 1990

Survey Area- CLARKE COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1B	BERKS-BERKS VARIANT CHANNERY SILT LOAMS, 3 TO 8 PERCENT SLOPES	1	BERKS	2E	0	PHEL	.24	3
1C	BERKS-BERKS VARIANT CHANNERY SILT LOAMS, 8 TO 15 PERCENT SLOPES	1	BERKS	3E	0	HEL	.24	3
2B	BRADDOCK LOAM, 3 TO 8 PERCENT SLOPES	1	BRADDOCK	2E	1	PHEL	.32	4
2C	BRADDOCK LOAM, 8 TO 15 PERCENT SLOPES	1	BRADDOCK	3E	0	HEL	.32	4
3D	BRADDOCK VERY STONY LOAM, 15 TO 45 PERCENT SLOPES	1	BRADDOCK	7S	0	HEL	.24	4
4	BUCKTON SOILS	1	BUCKTON	2W	1	PHEL	.37	3
5B	CARBO-OPEQUON-ROCK OUTCROP COMPLEX, 3 TO 8 PERCENT SLOPES	1	CARBO	2E	0	PHEL	.37	2
5C	CARBO-OPEQUON-ROCK OUTCROP COMPLEX, 8 TO 15 PERCENT SLOPES	1	CARBO	3E	0	HEL	.37	2
6B	CARDIFF SLATY LOAM, 3 TO 8 PERCENT SLOPES	1	CARDIFF	2E	0	PHEL	.28	3
6C	CARDIFF SLATY LOAM, 8 TO 15 PERCENT SLOPES	1	CARDIFF	3E	0	HEL	.28	3
7D	CATASKA-CARDIFF SLATY LOAMS, 15 TO 45 PERCENT SLOPES	1	CATASKA	7S	0	HEL	.15	1
8D	CATOCTIN-MYERSVILLE COMPLEX, 15 TO 45 PERCENT SLOPES	1	CATOCTIN	6E	0	HEL	.24	2
9D	CATOCTIN-MYERSVILLE VERY STONY SILT LOAMS, 15 TO 45 PERCENT SLOPES	1	CATOCTIN	7S	0	HEL	.32	2
10	CHAGRIN SOILS	1	CHAGRIN	2W	1	PHEL	.32	5
11B	CLYMER CHANNERY LOAM, 3 TO 15 PERCENT SLOPES	1	CLYMER	3E	0	HEL	.20	4
12D	DEKALB CHANNERY SANDY LOAM, 15 TO 30 PERCENT SLOPES	1	DEKALB	4E	0	HEL	.17	3
12E	DEKALB CHANNERY SANDY LOAM, 30 TO 50 PERCENT SLOPES	1	DEKALB	7E	0	HEL	.17	3
13D	DEKALB VERY STONY SANDY LOAM, 8 TO 30 PERCENT SLOPES	1	DEKALB	6S	0	HEL	.24	3
13E	DEKALB VERY STONY SANDY LOAM, 30 TO 50 PERCENT SLOPES	1	DEKALB	7S	0	HEL	.24	3
14C	DEKALB-HAZLETON CHANNERY SANDY LOAMS, 3 TO 15 PERCENT SLOPES	1	DEKALB	3E	0	HEL	.24	3
15B	ENDCAV-DANDRIDGE COMPLEX, 3 TO 8 PERCENT SLOPES	1	ENDCAV	3E	0	PHEL	.37	2
15C	ENDCAV-DANDRIDGE COMPLEX, 8 TO 15 PERCENT SLOPES	1	ENDCAV	4E	0	HEL	.37	2
17B	HAGERSTOWN-OPEQUON-ROCK OUTCROP COMPLEX, 3 TO 15 PERCENT SLOPES	1	HAGERSTOWN	3E	0	HEL	.32	4
18	HOLLYWOOD CLAY LOAM	1	HOLLYWOOD	3E	0	NHEL	.32	3
19D	LAIDIG CHANNERY LOAM, 8 TO 25 PERCENT SLOPES	1	LAIDIG	4E	0	HEL	.28	4
20D	LAIDIG VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	1	LAIDIG	6S	0	HEL	.28	4
21B	LAKIN LOAMY SAND, 3 TO 8 PERCENT SLOPES	1	LAKIN	3S	0	NHEL	.17	5
22C	LEW VERY STONY SILT LOAM, 8 TO 15 PERCENT SLOPES	1	LEW	7S	0	HEL	.17	4
22D	LEW VERY STONY SILT LOAM, 15 TO 30 PERCENT SLOPES	1	LEW	7S	0	HEL	.17	4
23	LOBDELL SOILS	1	LOBDELL	2W	1	NHEL	.37	5
24	MCGARY SILTY CLAY LOAM	1	MCGARY	3W	0	NHEL	.43	3
25B	MONONGAHELA LOAM, 3 TO 8 PERCENT SLOPES	1	MONONGAHELA	2E	0	HEL	.43	3
26B	MONONGAHELA-BRADDOCK COMPLEX, 3 TO 8 PERCENT SLOPES	1	MONONGAHELA	3E	0	HEL	.37	3

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26C	MONONGAHELA-BRADDOCK COMPLEX, 8 TO 15 PERCENT SLOPES	1	MONONGAHELA	4E	0	HEL	.37	3
27B	MONONGAHELA-ZOAR COMPLEX, 3 TO 8 PERCENT SLOPES	1	MONONGAHELA	2E	0	HEL	.43	3
28B	MYERSVILLE-CATOCTIN SILT LOAMS, 3 TO 8 PERCENT SLOPES	1	MYERSVILLE	2E	1	PHEL	.37	4
28C	MYERSVILLE-CATOCTIN SILT LOAMS, 8 TO 15 PERCENT SLOPES	1	MYERSVILLE	3E	0	HEL	.37	4
29C	MYERSVILLE-CATOCTIN VERY STONY SILT LOAMS, 8 TO 15 PERCENT SLOPES	1	MYERSVILLE	6S	0	HEL	.32	4
30B	NICHOLSON-DUFFIELD SILT LOAMS, 3 TO 8 PERCENT SLOPES	1	NICHOLSON	2E	0	HEL	.43	3
31B	OAKLET SILT LOAM, 3 TO 8 PERCENT SLOPES	1	OAKLET	2E	1	PHEL	.37	4
32B	OAKLET-CARBO COMPLEX, ROCKY, 3 TO 8 PERCENT SLOPES	1	OAKLET	2E	0	PHEL	.37	4
33B	PAGEBROOK SILTY CLAY LOAM, 0 TO 7 PERCENT SLOPES	1	PAGEBROOK	3E	0	PHEL	.37	3
35B	POPLIMENTO SILT LOAM, 3 TO 8 PERCENT SLOPES	1	POPLIMENTO	2E	1	PHEL	.32	4
35C	POPLIMENTO SILT LOAM, 8 TO 15 PERCENT SLOPES	1	POPLIMENTO	3E	0	HEL	.32	4
36B	POPLIMENTO SILT LOAM, ROCKY, 3 TO 8 PERCENT SLOPES	1	POPLIMENTO	2E	1	PHEL	.32	4
36C	POPLIMENTO SILT LOAM, ROCKY, 8 TO 15 PERCENT SLOPES	1	POPLIMENTO	3E	0	HEL	.32	4
37B	POPLIMENTO-ROCK OUTCROP COMPLEX, 3 TO 15 PERCENT SLOPES	1	POPLIMENTO	3E	0	PHEL	.32	4
38B	POPLIMENTO-WEBBTOWN COMPLEX, 3 TO 8 PERCENT SLOPES	1	POPLIMENTO	2E	0	PHEL	.32	4
38C	POPLIMENTO-WEBBTOWN COMPLEX, 8 TO 15 PERCENT SLOPES	1	POPLIMENTO	3E	0	HEL	.32	4
38D	POPLIMENTO-WEBBTOWN COMPLEX, 15 TO 30 PERCENT SLOPES, MODERATELY ERODED	1	POPLIMENTO	4E	0	HEL	.32	4
39B	POPLIMENTO-WEBBTOWN COMPLEX, ROCKY, 3 TO 8 PERCENT SLOPES	1	POPLIMENTO	2E	0	PHEL	.32	4
39C	POPLIMENTO-WEBBTOWN COMPLEX, ROCKY, 8 TO 15 PERCENT SLOPES	1	POPLIMENTO	3E	0	HEL	.32	4
39D2	POPLIMENTO-WEBBTOWN COMPLEX, ROCKY, 15 TO 35 PERCENT SLOPES, MODERATELY ERODED	1	POPLIMENTO	6E	0	HEL	.32	4
41C	ROCK OUTCROP-CATOCTIN COMPLEX, 3 TO 45 PERCENT SLOPES	1	CATOCTIN	7S	0	HEL	.24	2
42C	ROCK OUTCROP-DEKALB COMPLEX, 3 TO 45 PERCENT SLOPES	1	DEKALB	6S	0	HEL	.24	3
43C	ROCK OUTCROP-OPEQUON COMPLEX, 3 TO 45 PERCENT SLOPES	1	OPEQUON	6E	0	HEL	.37	2
44B	SWIMLEY SILT LOAM, 3 TO 8 PERCENT SLOPES	1	SWIMLEY	2E	1	PHEL	.37	4
45B	SWIMLEY SILT LOAM, ROCKY, 3 TO 8 PERCENT SLOPES	1	SWIMLEY	2E	1	PHEL	.37	4
46B	SWIMLEY-HAGERSTOWN SILT LOAMS, 3 TO 8 PERCENT SLOPES	1	SWIMLEY	2E	1	PHEL	.37	4
47B	SWIMLEY-HAGERSTOWN SILT LOAMS, ROCKY, 3 TO 8 PERCENT SLOPES	1	SWIMLEY	2E	1	PHEL	.37	4

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47C	SWIMLEY-HAGERSTOWN SILT LOAMS, ROCKY, 8 TO 15 PERCENT SLOPES	1	SWIMLEY	3E	0	HEL	.37	4
48B	SWIMLEY-ROCK OUTCROP COMPLEX, 3 TO 8 PERCENT SLOPES	1	SWIMLEY	2E	0	PHEL	.37	4
49B	THURMONT LOAM, 3 TO 8 PERCENT SLOPES	1	THURMONT	2E	1	PHEL	.32	4
50B	THURMONT GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	1	THURMONT	2E	1	PHEL	.24	4
51B	TIMBERVILLE SILT LOAM, 0 TO 7 PERCENT SLOPES	1	TIMBERVILLE	2E	1	PHEL	.32	4
56	WEAVER SILT LOAM	1	WEAVER	2W	0	NHEL	.32	5
57C2	WEBBTOWN-POPLIMENTO-ROCK OUTCROP COMPLEX, 3 TO 15 PERCENT SLOPES , MODERATELY ERODED	1	WEBBTOWN	3E	0	HEL	.32	3
57D2	TO 15 PERCENT SLOPES , MODERATELY ERODED WEBBTOWN-POPLIMENTO-ROCK OUTCROP COMPLEX, 15 TO 30 PERCENT SLOPES, MODERATELY ERODED	1	WEBBTOWN	4E	0	HEL	.32	3
58D	TO 30 PERCENT SLOPES, MODERATELY ERODED WEIKERT-BERKS CHANNERY LOAMS, 15 TO 45 PERCENT SLOPES	1	WEIKERT	7E	0	HEL	.28	2
59B	WHITEFORD SILT LOAM, 3 TO 8 PERCENT SLOPES	1	WHITEFORD	2E	1	PHEL	.32	3

## 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.