

HIGHLY ERODIBLE LAND REPORT
 JANUARY, 1990

Survey Area- WARREN COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1B	BERKS CHANNERY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	BERKS	2E	0	PHEL	.24	3
1C	BERKS CHANNERY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	BERKS	3E	0	HEL	.24	3
1D	BERKS CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	BERKS	4E	0	HEL	.24	3
2B	BLAIRTON SILT LOAM, 2 TO 7 PERCENT SLOPES	1	BLAIRTON	3W	1	PHEL	.43	3
2C	BLAIRTON SILT LOAM, 7 TO 15 PERCENT SLOPES	1	BLAIRTON	4E	0	HEL	.43	3
3C	BUCHANAN FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	BUCHANAN	3E	0	HEL	.32	4
4C	BUCHANAN VERY STONY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	BUCHANAN	6S	0	HEL	.24	3
5	BUCKTON SILT LOAM	1	BUCKTON	2W	1	NHEL	.37	3
6C	CARBO-ENDCAV SILTY CLAY LOAMS, VERY ROCKY, 7 TO 15 PERCENT SLOPES	1	CARBO	3E	0	HEL	.37	2
7C	CARBO-ENDCAV-ROCK OUTCROP COMPLEX, 7 TO 15 PERCENT SLOPES	1	CARBO	3E	0	HEL	.37	2
8C	CATASKA CHANNERY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	CATASKA	7S	0	HEL	.15	1
8D	CATASKA CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	CATASKA	7S	0	HEL	.15	1
8E	CATASKA CHANNERY SILT LOAM, 25 TO 65 PERCENT SLOPES	1	CATASKA	7S	0	HEL	.15	1
9	CHAGRIN FINE SANDY LOAM	1	CHAGRIN	2W	0	PHEL	.32	5
10C	CHESTER LOAM, 7 TO 15 PERCENT SLOPES	1	CHESTER	3E	0	HEL	.32	4
10D	CHESTER LOAM, 15 TO 25 PERCENT SLOPES	1	CHESTER	4E	0	HEL	.32	4
10E	CHESTER LOAM, 25 TO 65 PERCENT SLOPES	1	CHESTER	7E	0	HEL	.32	4
11D	CHESTER-MANOR VERY STONY COMPLEX, 15 TO 25 PERCENT SLOPES	1	CHESTER	6S	0	HEL	.32	4
11E	CHESTER-MANOR VERY STONY COMPLEX, 25 TO 60 PERCENT SLOPES	1	CHESTER	7S	0	HEL	.32	4
12D	CHILHOWIE SILTY CLAY LOAM, ROCKY, 15 TO 25 PERCENT SLOPES	1	CHILHOWIE	6E	0	HEL	.328	2
13B	CLEARBROOK CHANNERY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	CLEARBROOK	4W	0	PHEL	.32	2
13C	CLEARBROOK CHANNERY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	CLEARBROOK	4W	0	HEL	.32	2
14	CRAIGSVILLE COBBLY SANDY LOAM	1	CRAIGSVILLE	3W	0	NHEL	.17	5
15E	DEKALB CHANNERY LOAM, 25 TO 65 PERCENT SLOPES	1	DEKALB	7E	0	HEL	.17	3
16F	DRALL-RUBBLE LAND COMPLEX, 35 TO 70 PERCENT SLOPES	1	DRALL	7S	0	HEL	.17	3
17B	DYKE LOAM, 2 TO 7 PERCENT SLOPES	1	DYKE	2E	1	PHEL	.37	4
17C	DYKE LOAM, 7 TO 15 PERCENT SLOPES	1	DYKE	3E	0	HEL	.37	4
18B	ENDCAV SILT LOAM, 2 TO 7 PERCENT SLOPES	1	ENDCAV	2E	1	PHEL	.37	3
18C	ENDCAV SILT LOAM, 7 TO 15 PERCENT SLOPES	1	ENDCAV	3E	0	HEL	.37	3
19B	HAWKSBILL COBBLY LOAM, 2 TO 7 PERCENT SLOPES	1	HAWKSBILL	3S	0	NHEL	.17	4
20B	HAWKSBILL VERY COBBLY LOAM, 2 TO 7 PERCENT SLOPES	1	HAWKSBILL	6S	0	NHEL	.17	4
20C	HAWKSBILL VERY COBBLY LOAM, 7 TO 15 PERCENT SLOPES	1	HAWKSBILL	6S	0	HEL	.17	4
21D	LEW CHANNERY LOAM, 7 TO 25 PERCENT SLOPES	1	LEW	4E	0	HEL	.17	4
22E	LEW VERY STONY LOAM, 25 TO 65 PERCENT SLOPES	1	LEW	7E	0	HEL	.17	4
23B	LODI SILT LOAM, 2 TO 7 PERCENT SLOPES	1	LODI	2E	1	PHEL	.37	3
23C	LODI SILT LOAM, 7 TO 15 PERCENT SLOPES	1	LODI	3E	0	HEL	.37	3
23D	LODI SILT LOAM, 15 TO 25 PERCENT SLOPES	1	LODI	4E	0	HEL	.37	3
24B	LODI SILT LOAM, ROCKY, 2 TO 7 PERCENT SLOPES	1	LODI	2E	1	PHEL	.37	3
24C	LODI SILT LOAM, ROCKY, 7 TO 15 PERCENT SLOPES	1	LODI	3E	0	HEL	.37	3
24D	LODI SILT LOAM, ROCKY, 15 TO 25 PERCENT SLOPES	1	LODI	4E	0	HEL	.37	3
25C	LODI SILT LOAM, VERY ROCKY, 7 TO 15 PERCENT SLOPES	1	LODI	3E	0	HEL	.37	3
25D	LODI SILT LOAM, VERY ROCKY, 15 TO 25 PERCENT SLOPES	1	LODI	4E	0	HEL	.37	3
26C	LODI-ROCK OUTCROP COMPLEX, 2 TO 15 PERCENT SLOPES	1	LODI	3E	0	PHEL	.37	3

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26E	SLOPES LODI-ROCK OUTCROP COMPLEX, 15 TO 45 PERCENT SLOPES	1	LODI	6E	0	HEL	.37	3
27B	MILLROCK LOAMY FINE SAND, 0 TO 7 PERCENT SLOPES	1	MILLROCK	3S	0	NHEL	.17	2
28B	MONONGAHELA LOAM, 2 TO 7 PERCENT SLOPES	1	MONONGAHELA	2E	0	PHEL	.43	3
28C	MONONGAHELA LOAM, 7 TO 15 PERCENT SLOPES	1	MONONGAHELA	3E	0	HEL	.43	3
29C	MONTALTO LOAM, 7 TO 15 PERCENT SLOPES	1	MONTALTO	3E	0	HEL	.32	5
30C	MYERSVILLE SILT LOAM, 7 TO 15 PERCENT SLOPES	1	MYERSVILLE	3E	0	HEL	.37	4
30D	MYERSVILLE SILT LOAM, 15 TO 25 PERCENT SLOPES	1	MYERSVILLE	4E	0	HEL	.37	4
31C	MYERSVILLE-CATOCTIN VERY STONY SILT LOAMS, 7 TO 15 PERCENT SLOPES	1	MYERSVILLE	6S	0	HEL	.32	4
31D	MYERSVILLE-CATOCTIN VERY STONY SILT LOAMS, 15 TO 25 PERCENT SLOPES	1	MYERSVILLE	6S	0	HEL	.32	4
31E	MYERSVILLE-CATOCTIN VERY STONY SILT LOAMS, 25 TO 65 PERCENT SLOPES	1	MYERSVILLE	7E	0	HEL	.32	4
32C	MYERSVILLE AND MONTALTO VERY STONY SOILS, 7 TO 15 PERCENT SLOPES	1	MYERSVILLE	6S	0	HEL	.32	4
32D	MYERSVILLE AND MONTALTO VERY STONY SOILS, 15 TO 25 PERCENT SLOPES	1	MYERSVILLE	6S	0	HEL	.32	4
32E	MYERSVILLE AND MONTALTO VERY STONY SOILS, 25 TO 65 PERCENT SLOPES	1	MYERSVILLE	7E	0	HEL	.32	4
33	NEWARK SILT LOAM	1	NEWARK	2W	0	NHEL	.43	5
35	PURDY LOAM	1	PURDY	4W	0	NHEL	.43	3
36E	RIGLEY VERY STONY SANDY LOAM, 25 TO 60 PERCENT SLOPES	1	RIGLEY	7S	0	HEL	.24	4
37D	RIGLEY-WEIKERT-BERKS VERY STONY COMPLEX, 15 TO 25 PERCENT SLOPES	1	RIGLEY	6S	0	HEL	.24	4
38B	SEQUOIA SILT LOAM, 2 TO 7 PERCENT SLOPES	1	SEQUOIA	3E	1	PHEL	.37	3
38C	SEQUOIA SILT LOAM, 7 TO 15 PERCENT SLOPES	1	SEQUOIA	4E	0	HEL	.37	3
39B	UNISON LOAM, 2 TO 7 PERCENT SLOPES	1	UNISON	2E	1	PHEL	.32	4
39C	UNISON LOAM, 7 TO 15 PERCENT SLOPES	1	UNISON	3E	0	HEL	.32	4
39D	UNISON LOAM, 15 TO 25 PERCENT SLOPES	1	UNISON	4E	0	HEL	.32	4
40C	UNISON COBBLY LOAM, 7 TO 15 PERCENT SLOPES	1	UNISON	3E	0	HEL	.24	4
41C	WEIKERT-CHANNERY SILT LOAMS, 7 TO 15 PERCENT SLOPES	1	WEIKERT	4E	0	HEL	.28	2
41D	WEIKERT-BERKS CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES	1	WEIKERT	6E	0	HEL	.28	2

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41E	WEIKERT-BERKS CHANNERY SILT LOAMS, 25 TO 65 PERCENT SLOPES	1	WEIKERT	7E	0	HEL	.28	2
42B	ZOAR SILT LOAM, 0 TO 7 PERCENT	1	ZOAR	2E	1	PHEL	.43	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.