

HIGHLY ERODIBLE LAND REPORT
 JANUARY, 1990

Survey Area- NELSON COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1D	ARCOLA GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	ARCOLA	4E	0	HEL	.24	2
1E	ARCOLA GRAVELLY SILT LOAM, 25 TO 50 PERCENT SLOPES	1	ARCOLA	7E	0	HEL	.24	2
2A	BATTEAU LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	BATTEAU	2W	1	PHEL	.49	4
3B	BELVOIR SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	BELVOIR	3W	0	PHEL	.37	4
4B	BUFFSTAT SILT LOAM, 2 TO 7 PERCENT SLOPES	1	BUFFSTAT	2E	1	PHEL	.37	4
4C	BUFFSTAT SILT LOAM, 7 TO 15 PERCENT SLOPES	1	BUFFSTAT	3E	0	HEL	.37	4
4D	BUFFSTAT SILT LOAM, 15 TO 25 PERCENT SLOPES	1	BUFFSTAT	4E	0	HEL	.37	4
5C	BUGLEY CHANNERY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	BUGLEY	6S	0	HEL	.20	1
5D	BUGLEY CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	BUGLEY	6S	0	HEL	.20	1
5E	BUGLEY CHANNERY SILT LOAM, 25 TO 50 PERCENT SLOPES	1	BUGLEY	7E	0	HEL	.20	1
6E	CATOC TIN-ROCK OUTCROP COMPLEX, 25 TO 75 PERCENT SLOPES, EXTREMELY STONY	1	CATOC TIN	7E	0	HEL	.20	2
6E	CATOC TIN-ROCK OUTCROP COMPLEX, 25 TO 75 PERCENT SLOPES, EXTREMELY STONY	2	ROCK OUTCROP	8S	0	HEL		
7B	CHATUGE LOAM, 1 TO 4 PERCENT SLOPES	1	CHATUGE	4W	2	PHEL	.32	4
8A	CODORUS SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	CODORUS	2W	2	PHEL	.49	4
9B	COLLEEN GRAVELLY LOAM, 2 TO 7 PERCENT SLOPES	1	COLLEEN	2E	1	PHEL	.24	5
9C	COLLEEN GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES	1	COLLEEN	3E	0	PHEL	.24	5
9D	COLLEEN GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES	1	COLLEEN	4E	0	HEL	.24	5
10A	COLVARD FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	COLVARD	2W	1	NHEL	.15	4
11A	CRAIGSVILLE VERY COBBLY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	CRAIGSVILLE	3S	0	NHEL	.10	3
12B	DELANCO LOAM, 2 TO 7 PERCENT SLOPES	1	DELANCO	2E	1	PHEL	.37	4
12C	DELANCO LOAM, 7 TO 15 PERCENT SLOPES	1	DELANCO	3E	0	HEL	.37	3
13C	EDNEYTOWN LOAM, 7 TO 15 PERCENT SLOPES	1	EDNEYTOWN	4E	0	PHEL	.20	3
13D	EDNEYTOWN LOAM, 15 TO 25 PERCENT SLOPES	1	EDNEYTOWN	6E	0	HEL	.20	3
13E	EDNEYTOWN LOAM, 25 TO 50 PERCENT SLOPES	1	EDNEYTOWN	7E	0	HEL	.20	3
14C	EDNEYTOWN-PEAKS COMPLEX, 7 TO 15 PERCENT SLOPES, EXTREMELY STONY	1	EDNEYTOWN	7S	0	PHEL	.10	3
14C	EDNEYTOWN-PEAKS COMPLEX, 7 TO 15 PERCENT SLOPES, EXTREMELY STONY	2	PEAKS	7S	0	PHEL	.10	3
14D	EDNEYTOWN-PEAKS COMPLEX, 15 TO 35 PERCENT SLOPES, EXTREMELY STONY	1	EDNEYTOWN	7S	0	HEL	.10	3
14D	EDNEYTOWN-PEAKS COMPLEX, 15 TO 35 PERCENT SLOPES, EXTREMELY STONY	2	PEAKS	7S	0	HEL	.10	3
14E	EDNEYTOWN-PEAKS COMPLEX, 35 TO 55 PERCENT SLOPES, EXTREMELY STONY	1	EDNEYTOWN	7S	0	HEL	.10	3
14E	EDNEYTOWN-PEAKS COMPLEX, 35 TO 55 PERCENT SLOPES, EXTREMELY STONY	2	PEAKS	7S	0	HEL	.10	32
14F	EDNEYTOWN-PEAKS COMPLEX, 55 TO 75 PERCENT SLOPES, EXTREMELY STONY	1	EDNEYTOWN	7S	0	HEL	.10	3
14F	EDNEYTOWN-PEAKS COMPLEX, 55 TO 75 PERCENT SLOPES, EXTREMELY STONY	2	PEAKS	7S	0	HEL	.10	3
15B	ELIOAK LOAM, 2 TO 7 PERCENT SLOPES	1	ELIOAK	2E	1	PHEL	.32	4
15C	ELIOAK LOAM, 7 TO 15 PERCENT SLOPES	1	ELIOAK	3E	0	HEL	.32	4
15D	ELIOAK LOAM, 15 TO 25 PERCENT SLOPES	1	ELIOAK	4E	0	HEL	.32	4
16C	ELIOAK CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	ELIOAK	4E	0	PHEL	.28	4
16D	ELIOAK CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	ELIOAK	6E	0	HEL	.28	5
17B	EL SINBORO LOAM, 2 TO 7 PERCENT SLOPES, RARELY FLOODED	1	EL SINBORO	2E	1	PHEL	.37	4
18C	FAUQUIER LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	FAUQUIER	6S	0	HEL	.28	3
18D	FAUQUIER LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	FAUQUIER	6S	0	HEL	.28	3
18E	FAUQUIER LOAM, 25 TO 50 PERCENT SLOPES, VERY STONY	1	FAUQUIER	7S	0	HEL	.28	3

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19A	GALTSMILL FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	GALTSMILL	1	1	NHEL	.15	4
20D	GLENELG SILT LOAM, 15 TO 25 PERCENT SLOPES	1	GLENELG	4E	0	HEL	.32	3
21A	HATBORO LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	HATBORO	3W	5	NHEL	.49	4
22B	HAYESVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	HAYESVILLE	2E	1	PHEL	.20	5
22C	HAYESVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	HAYESVILLE	4E	0	PHEL	.20	5
22D	HAYESVILLE LOAM, 15 TO 25 PERCENT SLOPES	1	HAYESVILLE	6E	0	HEL	.20	5
22E	HAYESVILLE LOAM, 25 TO 50 PERCENT SLOPES	1	HAYESVILLE	7E	0	HEL	.20	5
23B	HAYESVILLE CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	HAYESVILLE	4E	0	PHEL	.24	5
23C	HAYESVILLE CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	HAYESVILLE	6E	0	HEL	.24	5
23D	HAYESVILLE CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	HAYESVILLE	7E	0	HEL	.24	5
23E	HAYESVILLE CLAY LOAM, 25 TO 50 PERCENT SLOPES, SEVERELY ERODED	1	HAYESVILLE	7E	0	HEL	.24	5
24C	HAYESVILLE LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	HAYESVILLE	6S	0	PHEL	.15	4
24D	HAYESVILLE LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	HAYESVILLE	7S	0	HEL	.15	4
24E	HAYESVILLE LOAM, 25 TO 50 PERCENT SLOPES, VERY STONY	1	HAYESVILLE	7S	0	HEL	.15	4
25C	HAZEL CHANNERY LOAM, 7 TO 15 PERCENT SLOPES	1	HAZEL	3E	0	HEL	.24	2
25D	HAZEL CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	1	HAZEL	4E	0	HEL	.24	2
25E	HAZEL CHANNERY LOAM, 25 TO 50 PERCENT SLOPES	1	HAZEL	7E	0	HEL	.24	2
26D	HAZEL LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	HAZEL	7S	0	HEL	.24	2
26E	HAZEL LOAM, 25 TO 50 PERCENT SLOPES, VERY STONY	1	HAZEL	7E	0	HEL	.24	2
27B	JACKLAND GRAVELLY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	JACKLAND	2E	0	PHEL	.28	4
27C	JACKLAND GRAVELLY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	JACKLAND	3E	0	HEL	.28	4
28B	LEW SILT LOAM, 2 TO 7 PERCENT SLOPES	1	LEW	2E	0	PHEL	.24	4
29B	LEW SILT LOAM, 2 TO 7 PERCENT SLOPES, EXTREMELY STONY	1	LEW	7S	0	PHEL	.24	3
30C	LEW CHANNERY SILT LOAM, 7 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	1	LEW	7S	0	PHEL	.17	4
30D	LEW CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES, EXTREMELY BOULDERY	1	LEW	7S	0	HEL	.17	4
30E	LEW CHANNERY SILT LOAM, 25 TO 75 PERCENT SLOPES, EXTREMELY BOULDERY	1	LEW	7E	0	HEL	.17	4
31B	LITTLEJOE SILT LOAM, 2 TO 7 PERCENT SLOPES	1	LITTLEJOE	2E	1	PHEL	.37	4
31C	LITTLEJOE SILT LOAM, 7 TO 15 PERCENT SLOPES	1	LITTLEJOE	3E	0	HEL	.37	4
32B	MINNIEVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	MINNIEVILLE	2E	1	PHEL	.37	5
32C	MINNIEVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	MINNIEVILLE	3E	0	PHEL	.37	5
32D	MINNIEVILLE LOAM, 15 TO 25 PERCENT SLOPES	1	MINNIEVILLE	4E	0	HEL	.37	5
32E	MINNIEVILLE LOAM, 25 TO 50 PERCENT SLOPES	1	MINNIEVILLE	7E	0	HEL	.37	5
33C	MYERSVILLE-CATOCTIN COMPLEX, 7 TO 15 PERCENT SLOPES, EXTREMELY STONY	1	MYERSVILLE	7S	0	HEL	.32	4
33C	MYERSVILLE-CATOCTIN COMPLEX, 7 TO 15 PERCENT SLOPES, EXTREMELY STONY	2	CATOCTIN	7S	0	HEL	.32	4
33D	MYERSVILLE-CATOCTIN COMPLEX, 15 TO 35 PERCENT SLOPES, EXTREMELY STONY	1	MYERSVILLE	7S	0	HEL	.32	4
33D	MYERSVILLE-CATOCTIN COMPLEX, 15 TO 35 PERCENT SLOPES, EXTREMELY STONY	2	CATOCTIN	7S	0	HEL	.32	4
33E	MYERSVILLE-CATOCTIN COMPLEX, 35 TO 55 PERCENT SLOPES, EXTREMELY STONY	1	MYERSVILLE	7E	0	HEL	.32	4
33E	MYERSVILLE-CATOCTIN COMPLEX, 35 TO 55 PERCENT SLOPES, EXTREMELY STONY	2	CATOCTIN	7E	0	HEL	.32	4
34C	OCCOQUAN LOAM, 7 TO 15 PERCENT SLOPES	1	OCCOQUAN	4E	0	HEL	.24	3
34D	OCCOQUAN LOAM, 15 TO 25 PERCENT SLOPES	1	OCCOQUAN	6E	0	HEL	.24	3
34E	OCCOQUAN LOAM, 25 TO 50 PERCENT SLOPES	1	OCCOQUAN	7E	0	HEL	.24	3
35D	OCCOQUAN LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	OCCOQUAN	7S	0	HEL	.24	3

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35E	OCCOQUAN LOAM, 25 TO 50 PERCENT SLOPES, VERY STONY	1	OCCOQUAN	7E	0	HEL	.24	3	
36D	PEAKS-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES	1	PEAKS	7S	0	HEL	.17	5	
36D	PEAKS-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES	2	ROCK OUTCROP	8S	0	HEL			
36E	PEAKS-ROCK OUTCROP COMPLEX, 35 TO 55 PERCENT SLOPES	1	PEAKS	7S	0	HEL	.17	5	
36E	PEAKS-ROCK OUTCROP COMPLEX, 35 TO 55 PERCENT SLOPES	2	ROCK OUTCROP	8S	0	HEL			
36F	PEAKS-ROCK OUTCROP COMPLEX, 55 TO 75 PERCENT SLOPES	1	PEAKS	7S	0	HEL	.17	5	
36F	PEAKS-ROCK OUTCROP COMPLEX, 55 TO 75 PERCENT SLOPES	2	ROCK OUTCROP	8S	0	HEL			
37A	PINEYWOODS SILT LOAM, 0 TO 2 PERCENT SLOPES	1	PINEYWOODS	5W	0	NHEL	.37	4	
39C	SAUNOOK LOAM, 7 TO 15 PERCENT SLOPES	1	SAUNOOK	4E	0	PHEL	.24	5	
39D	SAUNOOK LOAM, 15 TO 25 PERCENT SLOPES	1	SAUNOOK	6E	0	HEL	.24	5	
40C	SAUNOOK LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	SAUNOOK	4S	0	PHEL	.15	5	
40D	SAUNOOK LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	SAUNOOK	6S	0	HEL	.15	5	
40E	SAUNOOK LOAM, 25 TO 50 PERCENT SLOPES, VERY STONY	1	SAUNOOK	7S	0	HEL	.15	5	
41B	SKETERVILLE SILT LOAM, 2 TO 7 PERCENT SLOPES	1	SKETERVILLE	2E	0	PHEL	.37	5	
42C	SPRIGGS LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	SPRIGGS	7S	0	HEL	.20	3	
42D	SPRIGGS LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	SPRIGGS	7S	0	HEL	.28	3	
42E	SPRIGGS LOAM, 25 TO 50 PERCENT SLOPES, VERY STONY	1	SPRIGGS	7E	0	HEL	.28	3	
43A	SUCHES LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	SUCHES	2W	0	NHEL	.28	5	
44C	SYLCO-SYLVATUS COMPLEX, 7 TO 15 PERCENT SLOPES, EXTREMELY STONY	1	SYLCO	6S	0	PHEL	.10	2	
44C	SYLCO-SYLVATUS COMPLEX, 7 TO 15 PERCENT SLOPES, EXTREMELY STONY	2	SYLVATUS	7S	0	PHEL	.10	2	
44D	SYLCO-SYLVATUS COMPLEX, 15 TO 35 PERCENT SLOPES, EXTREMELY STONY	1	SYLCO	7S	0	HEL	.10	2	
44D	SYLCO-SYLVATUS COMPLEX, 15 TO 35 PERCENT SLOPES, EXTREMELY STONY	2	SYLVATUS	7S	0	HEL	.10	2	
44E	SYLCO-SYLVATUS COMPLEX, 35 TO 55 PERCENT SLOPES, EXTREMELY STONY	1	SYLCO	7S	0	HEL	.10	2	
44E	SYLCO-SYLVATUS COMPLEX, 35 TO 55 PERCENT SLOPES, EXTREMELY STONY	2	SYLVATUS	7E	0	HEL	.10	2	
45E	SYLVATUS-ROCK OUTCROP COMPLEX, 35 TO 55 PERCENT SLOPES, EXTREMELY STONY	1	SYLVATUS	7E	0	HEL	.24	1	
45E	SYLVATUS-ROCK OUTCROP COMPLEX, 35 TO 55 PERCENT SLOPES, EXTREMELY STONY	2	ROCK OUTCROP	8S	0	HEL			
45F	SYLVATUS-ROCK OUTCROP COMPLEX, 55 TO 70 PERCENT SLOPES, EXTREMELY STONY	1	SYLVATUS	7E	0	HEL	.10	2	
45F	SYLVATUS-ROCK OUTCROP COMPLEX, 55 TO 70 PERCENT SLOPES, EXTREMELY STONY	2	ROCK OUTCROP	8S	0	HEL			
46B	THURMONT LOAM, 2 TO 7 PERCENT SLOPES	1	THURMONT	2E	1	PHEL	.32	4	
46C	THURMONT LOAM, 7 TO 15 PERCENT SLOPES	1	THURMONT	3E	0	HEL	.32	4	
46D	THURMONT LOAM, 15 TO 25 PERCENT SLOPES	1	THURMONT	4E	0	HEL	.32	4	
47B	THURMONT LOAM, 2 TO 7 PERCENT SLOPES, VERY STONY	1	THURMONT	6S	0	PHEL	.24	4	
47C	THURMONT LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	THURMONT	6S	0	HEL	.24	4	
47D	THURMONT LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	THURMONT	6S	0	HEL	.24	4	
49B	UNISON LOAM, 2 TO 7 PERCENT SLOPES	1	UNISON	2E	1	PHEL	.32	4	
49C	UNISON LOAM, 7 TO 15 PERCENT SLOPES	1	UNISON	3E	0	HEL	.32	4	
49D	UNISON LOAM, 15 TO 25 PERCENT SLOPES	1	UNISON	4E	0	HEL	.32	4	
50B	WARMINSTER CLAY LOAM, 2 TO 7 PERCENT SLOPES	1	WARMINSTER	2E	1	PHEL	.37	4	
50C	WARMINSTER CLAY LOAM, 7 TO 15 PERCENT SLOPES	1	WARMINSTER	3E	0	HEL	.37	4	
50D	WARMINSTER CLAY LOAM, 15 TO 25 PERCENT SLOPES	1	WARMINSTER	4E	0	HEL	.37	4	

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51A	WINGINA LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	WINGINA	1	1	NHEL	.24	4
52B	WINTERGREEN LOAM, 2 TO 7 PERCENT SLOPES	1	WINTERGREEN	2E	1	PHEL	.32	4
52C	WINTERGREEN LOAM, 7 TO 15 PERCENT SLOPES	1	WINTERGREEN	3E	0	HEL	.32	4
52D	WINTERGREEN LOAM, 15 TO 25 PERCENT SLOPES	1	WINTERGREEN	4E	0	HEL	.32	4
53B	WINTERGREEN CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	WINTERGREEN	3E	0	PHEL	.32	3
53C	WINTERGREEN CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	WINTERGREEN	4E	0	HEL	.32	3
53D	WINTERGREEN CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	WINTERGREEN	6E	0	HEL	.32	3
54C	WINTERGREEN LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	WINTERGREEN	6S	0	PHEL	.24	3
55A	YOGAVILLE LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	YOGAVILLE	4W	5	NHEL	.49	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.