

HIGHLY ERODIBLE LAND REPORT  
 JANUARY, 1990

Survey Area- BEDFORD COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1B	ALTAVISTA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	ALTAVISTA	2E	1	PHEL	.24	5
2D	ASHE GRAVELLY SANDY LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	ASHE	6S	0	HEL	.15	2
2E	ASHE GRAVELLY SANDY LOAM, 25 TO 60 PERCENT SLOPES, VERY STONY	1	ASHE	7S	0	HEL	.15	2
3C	BERKS CHANNERY LOAM, 7 TO 15 PERCENT SLOPES	1	BERKS	3E	0	HEL	.17	3
3D	BERKS CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	1	BERKS	4E	0	HEL	.17	3
3E	BERKS CHANNERY LOAM, 25 TO 60 PERCENT SLOPES	1	BERKS	7E	0	HEL	.17	3
4B	BRADDOCK FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	BRADDOCK	2E	1	PHEL	.32	4
4C	BRADDOCK FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	BRADDOCK	3E	0	HEL	.32	4
4D	BRADDOCK FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	BRADDOCK	4E	0	HEL	.32	4
5B	BRADDOCK COBBLY FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	BRADDOCK	3S	0	PHEL	.24	4
5C	BRADDOCK COBBLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	BRADDOCK	4S	0	HEL	.24	4
6C	BRADDOCK FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES VERY STONY	1	BRADDOCK	6S	0	HEL	.24	4
6D	BRADDOCK FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	BRADDOCK	6S	0	HEL	.24	4
7B	CECIL FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	CECIL	2E	1	PHEL	.28	4
7C	CECIL FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	CECIL	4E	0	HEL	.28	4
8A	CHEWACLA LOAM, 0 TO 2 PERCENT SLOPES	1	CHEWACLA	3W	2	NHEL	.28	5
9B	CULLEN LOAM, 2 TO 7 PERCENT SLOPES	1	CULLEN	2E	1	PHEL	.37	4
9C	CULLEN LOAM, 7 TO 15 PERCENT SLOPES	1	CULLEN	3E	0	HEL	.37	4
9D	CULLEN LOAM, 15 TO 25 PERCENT SLOPES	1	CULLEN	4E	0	HEL	.37	4
10D	DEKALB VERY CHANNERY SANDY LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	DEKALB	6S	0	HEL	.17	2
10E	DEKALB VERY CHANNERY SANDY LOAM, 25 TO 60 PERCENT SLOPES, VERY STONY	1	DEKALB	7S	0	HEL	.17	2
11C	EDNEYTOWN LOAM, 7 TO 15 PERCENT SLOPES	1	EDNEYTOWN	4E	0	HEL	.20	3
11D	EDNEYTOWN LOAM, 15 TO 25 PERCENT SLOPES	1	EDNEYTOWN	6E	0	HEL	.20	3
11E	EDNEYTOWN LOAM, 25 TO 60 PERCENT SLOPES	1	EDNEYTOWN	7E	0	HEL	.20	3
12C	EDNEYTOWN LOAM, 7 TO 15 PERCENT SLOPES, EXTREMELY STONY	1	EDNEYTOWN	7S	0	HEL	.10	3
12D	EDNEYTOWN LOAM, 15 TO 25 PERCENT SLOPES, EXTREMELY STONY	1	EDNEYTOWN	7S	0	HEL	.10	3
12E	EDNEYTOWN LOAM, 25 TO 60 PERCENT SLOPES, EXTREMELY STONY	1	EDNEYTOWN	7S	0	HEL	.10	3
13D	EDNEYVILLE GRAVELLY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, EXTREMELY STONY	1	EDNEYVILLE	6S	0	HEL	.17	5
13E	EDNEYVILLE GRAVELLY FINE SANDY LOAM, 25 TO 60 PERCENT SLOPES, EXTREMELY STONY	1	EDNEYVILLE	7S	0	HEL	.17	5
14C	GROVER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	GROVER	4E	0	HEL	.24	3
14D	GROVER FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	GROVER	6E	0	HEL	.24	3
14E	GROVER FINE SANDY LOAM, 25 TO 40 PERCENT SLOPES	1	GROVER	7E	0	HEL	.24	3
15C	GUNSTOCK CHANNERY LOAM, 7 TO 15 PERCENT SLOPES	1	GUNSTOCK	4E	0	HEL	.37	2
15D	GUNSTOCK CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	1	GUNSTOCK	6E	0	HEL	.37	2
15E	GUNSTOCK CHANNERY LOAM, 25 TO 45 PERCENT SLOPES	1	GUNSTOCK	7E	0	HEL	.37	2
16B	HAYESVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	HAYESVILLE	2E	1	PHEL	.20	5
16C	HAYESVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	HAYESVILLE	4E	0	HEL	.20	5
16D	HAYESVILLE LOAM, 15 TO 25 PERCENT SLOPES	1	HAYESVILLE	6E	0	HEL	.20	5
16E	HAYESVILLE LOAM, 25 TO 45 PERCENT SLOPES	1	HAYESVILLE	7E	0	HEL	.20	5
17C	HAYESVILLE LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	HAYESVILLE	6S	0	HEL	.15	4
17D	HAYESVILLE LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	HAYESVILLE	7S	0	HEL	.15	4

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17E	HAYESVILLE LOAM, 25 TO 45 PERCENT SLOPES, VERY STONY	1	HAYESVILLE	7S	0	HEL	.15	4
18B	HELENA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	HELENA	2E	1	PHEL	.24	4
18C	HELENA FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	HELENA	4E	0	HEL	.24	4
19B	IREDELL FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	IREDELL	2E	0	PHEL	.28	3
19C	IREDELL FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	IREDELL	6E	0	HEL	.28	3
20B	LAIDIG GRAVELLY FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	LAIDIG	2E	1	PHEL	.24	4
20C	LAIDIG GRAVELLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	LAIDIG	3E	0	HEL	.24	4
21D3	MADISON SANDY CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	MADISON	7E	0	HEL	.28	3
21E3	MADISON SANDY CLAY LOAM, 25 TO 40 PERCENT SLOPES, SEVERELY ERODED	1	MADISON	7E	0	HEL	.28	3
22D	MANTEO CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	MANTEO	7E	0	HEL	.28	1
22E	MANTEO CHANNERY SILT LOAM, 25 TO 60 PERCENT SLOPES	1	MANTEO	7E	0	HEL	.28	1
23B	MATTAPONI SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	MATTAPONI	2E	1	PHEL	.28	5
23C	MATTAPONI SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	MATTAPONI	4E	0	HEL	.28	5
24B	MECKLENBURG LOAM, 2 TO 7 PERCENT SLOPES	1	MECKLENBURG	2E	1	PHEL	.24	4
24C	MECKLENBURG LOAM, 7 TO 15 PERCENT SLOPES	1	MECKLENBURG	4E	0	HEL	.24	4
24D	MECKLENBURG LOAM, 15 TO 25 PERCENT SLOPES	1	MECKLENBURG	6E	0	HEL	.24	4
25C	NASON GRAVELLY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	NASON	3E	0	HEL	.24	4
25D	NASON GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	NASON	4E	0	HEL	.24	4
25E	NASON GRAVELLY SILT LOAM, 25 TO 40 PERCENT SLOPES	1	NASON	6E	0	HEL	.24	4
26C	POINDEXTER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	POINDEXTER	3E	0	HEL	.28	3
26D	POINDEXTER FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	POINDEXTER	4E	0	HEL	.28	3
26E	POINDEXTER FINE SANDY LOAM, 25 TO 60 PERCENT SLOPES	1	POINDEXTER	7E	0	HEL	.28	3
27C	SEQUOIA LOAM, 7 TO 15 PERCENT SLOPES	1	SEQUOIA	4E	0	HEL	.37	3
27D	SEQUOIA LOAM, 15 TO 25 PERCENT SLOPES	1	SEQUOIA	6E	0	HEL	.37	3
28B	STATE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	STATE	2E	1	PHEL	.28	5
29D	SWEETAPPLE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	SWEETAPPLE	7E	0	HEL	.28	2
29E	SWEETAPPLE FINE SANDY LOAM, 25 TO 60 PERCENT SLOPES	1	SWEETAPPLE	7E	0	HEL	.28	2
30B	TATUM GRAVELLY LOAM, 2 TO 7 PERCENT SLOPES	1	TATUM	2E	0	PHEL	.20	4
30C	TATUM GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES	1	TATUM	3E	0	HEL	.20	4
30D	TATUM GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES	1	TATUM	4E	0	HEL	.20	4
31B	THURMONT FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	THURMONT	2E	1	PHEL	.32	4
31C	THURMONT FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	THURMONT	3E	0	HEL	.32	4
31D	THURMONT FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	THURMONT	4E	0	HEL	.32	4
32A	TOCCOA SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	TOCCOA	3W	3	NHEL	.10	4
33B	TURBEVILLE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	TURBEVILLE	2E	1	PHEL	.32	5
33C	TURBEVILLE FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	TURBEVILLE	3E	0	HEL	.32	5
33D	TURBEVILLE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	TURBEVILLE	4E	0	HEL	.32	5
34B	VANCE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	VANCE	3E	1	PHEL	.24	3
34C	VANCE FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	VANCE	4E	0	HEL	.24	3
35D	WATEREE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	WATEREE	7E	0	HEL	.20	3
35E	WATEREE FINE SANDY LOAM, 25 TO 40 PERCENT SLOPES	1	WATEREE	7E	0	HEL	.20	3

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### 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.