

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- FRANKLIN COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.	
2A	COMUS FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES, FREQUENTLY FLOODED	1	COMUS	2W	0	PHEL	.43	3	1-
4A	CODORUS LOAM,, 0 TO 3 PERCENT SLOPES, FREQUENTLY FLOODED	1	CODORUS	2W	0	PHEL	.49	4	
5B3	CECIL SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	3E	0	PHEL	.28	3	
5C3	CECIL SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	PHEL	.28	3	
7A	CHENNEBY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALY FLOODED	1	CHENNEBY	2W	1	NHEL	.37	5	
8A	CHENNEBY-TOCCOA COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	CHENNEBY	4W	0	NHEL	.37	5	
8A	CHENNEBY-TOCCOA COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	2	TOCCOA	3W	0	NHEL	.10	4	
10B	WINTERGREEN LOAM, 2 TO 7 PERCENT SLOPES	1	WINTERGREEN	2E	1	PHEL	.32	5	
10C	WINTERGREEN LOAM, 7 TO 15 PERCENT SLOPES	1	WINTERGREEN	3E	0	HEL	.32	5	
10D	WINTERGREEN LOAM, 15 TO 25 PERCENT SLOPES	1	WINTERGREEN	4E	0	HEL	.32	5	
12B	THURMONT FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	THURMONT	2E	1	PHEL	.32	4	
12C	THURMONT FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	THURMONT	3E	0	HEL	.32	4	
12D	THURMONT FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	THURMONT	4E	0	HEL	.32	4	
13B	EL SINBORO FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, RARELY FLOODED	1	EL SINBORO	2E	3	PHEL	.37	4	
14B	DELANCO FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, RARELY FLOODED	1	DELANCO	2E	1	PHEL	.37	4	
15A	KINKORA LOAM, 0 TO 3 PERCENT SLOPES, RARELY FLOODED	1	KINKORA	3W	0	PHEL	.43	4	
16B	EDNEYVILLE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	EDNEYVILLE	2E	1	PHEL	.24	5	
16C	EDNEYVILLE FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, STONY	1	EDNEYVILLE	4S	0	PHEL	.17	5	
16D	EDNEYVILLE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, STONY	1	EDNEYVILLE	6S	0	HEL	.17	5	
16E	EDNEYVILLE FINE SANDY LOAM, 25 TO 55 PERCENT SLOPES, STONY	1	EDNEYVILLE	7S	0	HEL	.17	5	
17B	HIWASSEE LOAM, 2 TO 7 PERCENT SLOPES	1	HIWASSEE	2E	1	PHEL	.32	4	
18B3	HIWASSEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	HIWASSEE	3E	0	PHEL	.32	4	
18C3	HIWASSEE CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	HIWASSEE	4E	0	HEL	.32	4	
19D	MADISON FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	MADISON	6E	0	HEL	.32	5	
19E	MADISON FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES	1	MADISON	7E	0	HEL	.32	5	
20E	EVARD FINE SANDY LOAM, 25 TO 55 PERCENT SLOPES	1	EVARD	7E	0	HEL	.32	5	
21B	CLIFFORD FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	CLIFFORD	2E	1	PHEL	.20	5	
21C	CLIFFORD FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	CLIFFORD	3E	0	HEL	.20	5	
22D	CLIFFORD FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	CLIFFORD	4E	0	HEL	.20	5	
22E	CLIFFORD FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES	1	CLIFFORD	7E	0	HEL	.20	5	
23C	CHESTER LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	CHESTER	6S	0	HEL	.32	4	
23D	CHESTER LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	CHESTER	6S	0	HEL	.32	4	
23E	CHESTER LOAM, 25 TO 45 PERCENT SLOPES, VERY STONY	1	CHESTER	7S	0	HEL	.32	4	
24E	MANOR LOAM, 25 TO 45 PERCENT SLOPES	1	MANOR	7E	0	HEL	.37	5	
26B	PACOLET FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	PACOLET	2E	1	PHEL	.20	3	
27C3	PACOLET SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	PACOLET	6E	0	HEL	.24	2	

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									2-
30B	MINNIEVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	MINNIEVILLE	2E	1	PHEL	.37	5	
30C	MINNIEVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	MINNIEVILLE	3E	0	HEL	.37	5	
30D	MINNIEVILLE LOAM, 15 TO 25 PERCENT SLOPES	1	MINNIEVILLE	4E	0	HEL	.37	5	
30E	MINNIEVILLE LOAM, 25 TO 45 PERCENT SLOPES	1	MINNIEVILLE	7E	0	HEL	.37	5	
31B	ORENDA LOAM, 2 TO 7 PERCENT SLOPES	1	ORENDA	2E	1	PHEL	.37	5	
31C	ORENDA LOAM, 7 TO 15 PERCENT SLOPES	1	ORENDA	3E	0	HEL	.37	5	
31D	ORENDA LOAM, 15 TO 25 PERCENT SLOPES	1	ORENDA	4E	0	HEL	.37	5	
32B	JACKLAND GRAVELLY LOAM, 2 TO 7 PERCENT SLOPES	1	JACKLAND	2E	0	PHEL	.32	4	
32C	JACKLAND GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES	1	JACKLAND	3E	0	HEL	.32	4	
33C	SPRIGGS GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES, STONY	1	SPRIGGS	7S	0	HEL	.20	3	
33D	SPRIGGS GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES, STONY	1	SPRIGGS	7S	0	HEL	.20	3	
33E	SPRIGGS GRAVELLY LOAM, 25 TO 45 PERCENT SLOPES, STONY	1	SPRIGGS	7E	0	HEL	.20	3	
37B	TATUM GRAVELLY LOAM, 2 TO 7 PERCENT SLOPES	1	TATUM	2E	1	PHEL	.20	4	
37C	TATUM GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES	1	TATUM	3E	0	HEL	.20	4	
37D	TATUM GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES	1	TATUM	4E	0	HEL	.20	4	
40C	LITTLEJOE GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES	1	LITTLEJOE	3E	0	HEL	.20	4	
40D	LITTLEJOE GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES	1	LITTLEJOE	4E	0	HEL	.20	4	
41E	JUNALUSKA CHANNERY LOAM, 25 TO 45 PERCENT SLOPES	1	JUNALUSKA	7E	0	HEL	.15	3	
44B3	CULLEN CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	3E	0	PHEL	.24	3	
44C3	CULLEN CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	4E	0	HEL	.24	3	
45B	ENOTT FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	ENOTT	2E	0	PHEL	.20	4	
46D	GOLDSTON VERY CHANNERY SILT LOAM, 15 TO 35 PERCENT SLOPES	1	GOLDSTON	7S	0	HEL	.05	2	
47D	GOLDSTON-TATUM COMPLEX, 15 TO 25 PERCENT SLOPES	1	GOLDSTON	7S	0	HEL	.05	2	
47D	GOLDSTON-TATUM COMPLEX, 15 TO 25 PERCENT SLOPES	2	TATUM	4E	0	HEL	.20	4	
48E	GOLDSTON-ROCK OUTCROP COMPLEX 35 TO 60 PERCENT SLOPES	1	GOLDSTON	8S	0	HEL	.05	2	
48E	GOLDSTON-ROCK OUTCROP COMPLEX 35 TO 60 PERCENT SLOPES	2	ROCK OUTCROP	8S	0	HEL			
49B	CECIL SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	CECIL	2E	1	PHEL	.28	4	
49C	CECIL SANDY LOAM 7 TO 15 PERCENT SLOPES	1	CECIL	4E	0	PHEL	.28	4	
50C	HAYESVILLE GRAVELLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	HAYESVILLE	4E	0	PHEL	.20	5	
50D	HAYESVILLE GRAVELLY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	HAYESVILLE	6E	0	HEL	.20	5	
50E	HAYESVILLE GRAVELLY FINE SANDY LOAM, 25 TO 50 PERCENT SLOPES, VERY STONY	1	HAYESVILLE	7S	0	HEL	.15	4	
61C	PEAKS GRAVELLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, EXTREMELY STONY	1	PEAKS	7S	0	HEL	.15	2	
61D	PEAKS GRAVELLY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, EXTREMELY STONY	1	PEAKS	7S	0	HEL	.15	2	
61E	PEAKS GRAVELLY FINE SANDY LOAM, 25 TO 45 PERCENT SLOPES, EXTREMELY STONY	1	PEAKS	7S	0	HEL	.15	2	
62C	EDNEYTOWN LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	EDNEYTOWN	6S	0	PHEL	.15	3	
62D	EDNEYTOWN LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	EDNEYTOWN	7S	0	HEL	.15	3	
62E	EDNEYTOWN LOAM, 25 TO 45 PERCENT SLOPES, VERY STONY	1	EDNEYTOWN	7S	0	HEL	.15	3	
112C	THURMONT-URBAN LAND COMPLEX, 7 TO 15 PERCENT SLOPES	1	THURMONT	3E	0	HEL	.32	4	
112C	THURMONT-URBAN LAND COMPLEX, 7 TO 15 PERCENT SLOPES	2	URBAN LAND	8S	0	HEL			
121B	CLIFFORD-URBAN LAND COMPLEX, 2 TO 7 PERCENT SLOPES	1	CLIFFORD	2E	0	PHEL	.20	5	

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121B	CLIFFORD-URBAN LAND COMPLEX, 2 TO 7 PERCENT SLOPES	2	URBAN LAND	8S	0	PHEL		
121C	CLIFFORD-URBAN LAND COMPLEX, 7 TO 15 PERCENT SLOPES	1	CLIFFORD	3E	0	HEL	.20	5
121C	CLIFFORD-URBAN LAND COMPLEX, 7 TO 15 PERCENT SLOPES	2	URBAN LAND	8S	0	HEL		
122D	CLIFFORD-URBAN LAND COMPLEX, 15 TO 25 PERCENT SLOPES	1	CLIFFORD	4E	0	HEL	.20	5
122D	CLIFFORD-URBAN LAND COMPLEX, 15 TO 25 PERCENT SLOPES	2	URBAN LAND	8S	0	HEL		
130C	MINNIEVILLE-URBAN LAND COMPLEX, 7 TO 15 PERCENT SLOPES	1	MINNIEVILLE	3E	0	HEL	.37	5
130C	MINNIEVILLE-URBAN LAND COMPLEX, 7 TO 15 PERCENT SLOPES	2	URBAN LAND	8S	0	HEL		
130D	MINNIEVILLE-URBAN LAND COMPLEX, 15 TO 25 PERCENT SLOPES	1	MINNIEVILLE	4E	0	HEL	.37	5
130D	MINNIEVILLE-URBAN LAND COMPLEX, 15 TO 25 PERCENT SLOPES	2	URBAN LAND	8S	0	HEL		

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.