

HIGHLY ERODIBLE LAND REPORT
 JANUARY, 1990

Survey Area- GRAYSON COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
20B	BRADDOCK LOAM, 2 TO 7 PERCENT SLOPES	1	BRADDOCK			PHEL	.32	4
20C	BRADDOCK LOAM, 7 TO 15 PERCENT SLOPES	1	BRADDOCK			PHEL	.32	4
20D	BRADDOCK LOAM, 15 TO 25 PERCENT SLOPES	1	BRADDOCK			HEL	.32	4
20E	BRADDOCK LOAM, 25 TO 35 PERCENT SLOPES	1	BRADDOCK			HEL	.32	4
39A	COMUS LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	COMUS	2W		NHEL	.43	3
58B	ELIOAK SILT LOAM, 2 TO 7 PERCENT SLOPES	1	ELIOAK			PHEL	.32	4
58C	ELIOAK SILT LOAM, 7 TO 15 PERCENT SLOPES	1	ELIOAK			HEL	.32	4
58D	ELIOAK SILT LOAM, 15 TO 25 PERCENT SLOPES	1	ELIOAK			HEL	.32	4
85A	CODORUS SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	CODORUS	2W		NHEL	.49	4
105B	CHESTER LOAM, 2 TO 7 PERCENT SLOPES	1	CHESTER			PHEL	.32	4
105C	CHESTER LOAM, 7 TO 15 PERCENT SLOPES	1	CHESTER			PHEL	.32	4
105D	CHESTER LOAM, 15 TO 25 PERCENT SLOPES	1	CHESTER			HEL	.32	4
105E	CHESTER LOAM, 25 TO 60 PERCENT SLOPES	1	CHESTER			HEL	.32	4
106B	CHESTER CHANNERY LOAM, 2 TO 7 PERCENT SLOPES	1	CHESTER			PHEL	.28	4
106C	CHESTER CHANNERY LOAM, 7 TO 15 PERCENT SLOPES	1	CHESTER			PHEL	.28	4
106D	CHESTER CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	1	CHESTER			HEL	.28	4
106E	CHESTER CHANNERY LOAM, 25 TO 60 PERCENT SLOPES	1	CHESTER			HEL	.28	4
109A	BAILE SILT LOAM, 0 TO 2 PERCENT SLOPES,	1	BAILE			NHEL	.43	3
109B	BAILE SILT LOAM, 2 TO 7 PERCENT SLOPES,	1	BAILE			PHEL	.43	3
110B	EDNEYVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	EDNEYVILLE			PHEL	.28	4
110C	EDNEYVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	EDNEYVILLE			PHEL	.28	4
110D	EDNEYVILLE LOAM, 15 TO 35 PERCENT SLOPES	1	EDNEYVILLE			HEL	.28	4
110E	EDNEYVILLE LOAM, 35 TO 55 PERCENT SLOPES	1	EDNEYVILLE			HEL	.28	4
111C	EDNEYVILLE LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	EDNEYVILLE			PHEL	.17	5
111D	EDNEYVILLE LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	EDNEYVILLE			HEL	.17	5
111E	EDNEYVILLE LOAM, 25 TO 70 PERCENT SLOPES, VERY STONY	1	EDNEYVILLE			HEL	.17	5
165B	TATE LOAM, 2 TO 7 PERCENT SLOPES	1	TATE			PHEL	.24	4
165C	TATE LOAM, 7 TO 15 PERCENT SLOPES	1	TATE			PHEL	.24	4
165D	TATE LOAM, 15 TO 25 PERCENT SLOPES	1	TATE			HEL	.24	4
165E	TATE LOAM, 25 TO 35 PERCENT SLOPES	1	TATE			HEL	.24	4
165F	TATE LOAM, 25 TO 70 PERCENT SLOPES	1	TATE			HEL	.24	4
167A	HATBORO SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	HATBORO			NHEL	.43	4
175B	HAYESVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	HAYESVILLE			PHEL	.20	5
175C	HAYESVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	HAYESVILLE			PHEL	.20	5
175D	HAYESVILLE LOAM, 15 TO 25 PERCENT SLOPES	1	HAYESVILLE			HEL	.20	5
175E	HAYESVILLE LOAM, 25 TO 50 PERCENT SLOPES	1	HAYESVILLE			HEL	.20	5
181B	EL SINBORO FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, RARELY FLOODED	1	EL SINBORO			PHEL	.37	4
181C	EL SINBORO LOAM, 7 TO 15 PERCENT SLOPES	1	EL SINBORO			HEL	.37	4

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Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
183B	MANOR SILT LOAM, 2 TO 7 PERCENT SLOPES	1	MANOR			PHEL	.37	3
183C	MANOR SILT LOAM, 7 TO 15 PERCENT SLOPES	1	MANOR			HEL	.37	3
183D	MANOR SILT LOAM, 15 TO 25 PERCENT SLOPES	1	MANOR			HEL	.37	3
183E	MANOR SILT LOAM, 25 TO 60 PERCENT SLOPES	1	MANOR			HEL	.37	3
185A	CODORUS-HATBORO SILT LOAM, 0 TO 2 PERCENT SLOPES	1	CODORUS			NHEL	.49	4
204C	SYLVATUS-ROCK OUTCROP COMPLEX, 7 TO 15 PERCENT SLOPES	1	SYLVATUS			HEL	.26	1
204D	SYLVATUS-ROCK OUTCROP COMPLEX, 15 TO 25 PERCENT SLOPES	1	SYLVATUS			HEL	.26	1
204E	SYLVATUS-ROCK OUTCROP COMPLEX, 25 TO 70 PERCENT SLOPES	1	SYLVATUS			HEL	.26	1
205B	CHESTER STONY LOAM, 2 TO 7 PERCENT SLOPES	1	CHESTER			PHEL	.32	4
205C	CHESTER STONY LOAM, 7 TO 15 PERCENT SLOPES	1	CHESTER			PHEL	.32	4
205D	CHESTER STONY LOAM, 15 TO 25 PERCENT SLOPES	1	CHESTER			HEL	.32	4
205E	CHESTER STONY LOAM, 25 TO 60 PERCENT SLOPES	1	CHESTER			HEL	.32	4
208C	CHESTER-MANOR LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	CHESTER			PHEL	.32	4
208D	CHESTER-MANOR LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	CHESTER			HEL	.32	4
208E	CHESTER-MANOR LOAM, 25 TO 60 PERCENT SLOPES, VERY STONY	1	CHESTER			HEL	.32	4
220C	BRADDOCK COBBLY LOAM, 7 TO 15 PERCENT SLOPES	1	BRADDOCK			PHEL	.24	4
220D	BRADDOCK COBBLY LOAM, 15 TO 25 PERCENT SLOPES	1	BRADDOCK			HEL	.24	4
220E	BRADDOCK COBBLY LOAM, 25 TO 35 PERCENT SLOPES	1	BRADDOCK			HEL	.24	4
232B	GLENELG LOAM, 2 TO 7 PERCENT SLOPES	1	GLENELG			PHEL	.32	3
232C	GLENELG LOAM, 7 TO 15 PERCENT SLOPES	1	GLENELG			HEL	.32	3
232D	GLENELG LOAM, 15 TO 25 PERCENT SLOPES	1	GLENELG			HEL	.32	3
232E	GLENELG LOAM, 25 TO 50 PERCENT SLOPES	1	GLENELG			HEL	.32	3
235C	GRIMSLEY VARIANT COBBLY LOAM, 7 TO 15 PERCENT SLOPES,	1	GRIMSLEY VARIANT			HEL	.05	5
235D	GRIMSLEY VARIANT COBBLY LOAM, 15 TO 25 PERCENT SLOPES,	1	GRIMSLEY VARIANT			HEL	.05	5
235E	GRIMSLEY VARIANT COBBLY LOAM, 25 TO 70 PERCENT SLOPES,	1	GRIMSLEY VARIANT			HEL	.05	5
238A	DELANCO SILT LOAM, 0 TO 2 PERCENT SLOPES	1	DELANCO			NHEL	.37	4
238B	DELANCO SILT LOAM, 2 TO 7 PERCENT SLOPES	1	DELANCO			PHEL	.37	4
238C	DELANCO SILT LOAM, 7 TO 15 PERCENT SLOPES	1	DELANCO			HEL	.37	4
265C	TATE LOAM, 7 TO 15 PERCENT SLOPES, STONY	1	TATE			HEL	.24	4
265D	TATE LOAM, 15 TO 25 PERCENT SLOPES, STONY	1	TATE			HEL	.24	4
265E	TATE LOAM, 25 TO 70 PERCENT SLOPES, STONY	1	TATE			HEL	.24	4
272C	SYCLO-SYLVATUS COMPLEX, 7 TO 15 PERCENT SLOPES	1	SYLCO			PHEL	.20	3
272D	SYLCO-SYLVATUS COMPLEX, 15 TO 25 PERCENT SLOPES	1	SYLCO			HEL	.20	3
272E	SYLCO-SYLVATUS COMPLEX, 25 TO 70 PERCENT SLOPES	1	SYLCO			HEL	.20	3
280C	ASHE LOAM, 7 TO 15 PERCENT SLOPES	1	ASHE			HEL	.24	2
280D	ASHE LOAM, 15 TO 25 PERCENT SLOPES	1	ASHE			HEL	.24	2
280E	ASHE LOAM, 25 TO 70 PERCENT SLOPES	1	ASHE			HEL	.24	2

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Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
281C	ASHE GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES,	1	ASHE			HEL	.17	2
281D	ASHE GRAVELLY LOAM, 15 TO 35 PERCENT SLOPES,	1	ASHE			HEL	.17	2
281E	ASHE GRAVELLY LOAM, 35 TO 55 PERCENT SLOPES,	1	ASHE			HEL	.17	2
285C	TALLADEGA CHANNERY LOAM, 7 TO 15 PERCENT SLOPES	1	TALLADEGA			HEL	.28	2
285D	TALLADEGA CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	1	TALLADEGA			HEL	.28	2
285E	TALLADEGA CHANNERY LOAM, 25 TO 70 PERCENT SLOPES	1	TALLADEGA			HEL	.28	2
287B	EDNEYTOWN LOAM, 2 TO 7 PERCENT SLOPES	1	EDNEYTOWN			PHEL	.20	5
287C	EDNEYTOWN LOAM, 7 TO 15 PERCENT SLOPES	1	EDNEYTOWN			HEL	.20	5
287D	EDNEYTOWN LOAM, 15 TO 25 PERCENT SLOPES	1	EDNEYTOWN			HEL	.20	5
287E	EDNEYTOWN LOAM, 25 TO 35 PERCENT SLOPES	1	EDNEYTOWN			HEL	.20	5
287F	EDNEYTOWN LOAM, 35 TO 55 PERCENT SLOPES	1	EDNEYTOWN			HEL	.20	5
298	TAXAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES,	1	TAXAWAY			NHEL	.17	5

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.