

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- PATRICK COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
5A	FRENCH LOAM, 0 TO 4 PERCENT SLOPES, OCCASIONALLY FLOODED	1	FRENCH			PHEL	.28	4
6A	HATBORO SANDY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	HATBORO			NHEL	.32	5
17B	TUSQUITEE LOAM, 2 TO 7 PERCENT SLOPES, STONY	1	TUSQUITEE			PHEL	.28	4
17C	TUSQUITEE LOAM, 7 TO 15 PERCENT SLOPES, STONY	1	TUSQUITEE			HEL	.28	4
17D	TUSQUITEE LOAM, 15 TO 25 PERCENT SLOPES, STONY	1	TUSQUITEE			HEL	.28	4
19B	DILLARD LOAM, 2 TO 7 PERCENT SLOPES	1	DILLARD			PHEL	.32	4
19C	DILLARD LOAM, 7 TO 15 PERCENT SLOPES	1	DILLARD			HEL	.32	4
20B	ARARAT CHANNERY LOAM, 2 TO 7 PERCENT	1	ARARAT			PHEL	.15	2
20C	ARARAT CHANNERY LOAM, 7 TO 15 PERCENT SLOPES	1	ARARAT			HEL	.15	2
20D	ARARAT CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	1	ARARAT			HEL	.15	2
20E	ARARAT CHANNERY LOAM, 25 TO 80 PERCENT SLOPES	1	ARARAT			HEL	.15	2
29D	PEAKS-ROCK OUTCROP COMPLEX, 15 TO 25 PERCENT SLOPES, VERY STONY	1	PEAKS			HEL	.15	2
29E	PEAKS-ROCK OUTCROP COMPLEX, 25 TO 80 PERCENT SLOPES, VERY STONY	1	PEAKS			HEL	.15	2
30B	BRADDOCK LOAM, 2 TO 7 PERCENT SLOPES	1	BRADDOCK			PHEL	.32	5
30C	BRADDOCK LOAM, 7 TO 15 PERCENT SLOPES	1	BRADDOCK			HEL	.32	5
30D	BRADDOCK LOAM, 15 TO 25 PERCENT SLOPES	1	BRADDOCK			HEL	.32	5
39B	BRADDOCK COBBLY LOAM, 2 TO 7 PERCENT SLOPES	1	BRADDOCK			PHEL	.24	5
39C	BRADDOCK CLAY LOAM, 7 TO 15 PERCENT SLOPES	1	BRADDOCK			HEL	.24	5
39D	BRADDOCK CLAY LOAM, 15 TO 25 PERCENT SLOPES	1	BRADDOCK			HEL	.24	5
40B	THURMONT LOAM, 2 TO 7 PERCENT SLOPES	1	THURMONT			PHEL	.32	4
40C	THURMONT LOAM, 7 TO 15 PERCENT SLOPES	1	THURMONT			HEL	.32	4
40D	THURMONT LOAM, 15 TO 25 PERCENT SLOPES	1	THURMONT			HEL	.32	4
41B	STUART LOAM, 2 TO 7 PERCENT SLOPES	1	STUART			PHEL		
41C	STUART LOAM, 7 TO 15 PERCENT SLOPES	1	STUART			HEL		
45B	EL SINBORO LOAM, 2 TO 7 PERCENT SLOPES	1	EL SINBORO			PHEL	.37	4
45C	EL SINBORO LOAM, 7 TO 15 PERCENT SLOPES	1	EL SINBORO			HEL	.37	4
47A	COLVARD FINE SANDY LOAM, 0 TO 4 PERCENT SLOPES, OCCASIONALLY FLOODED	1	COLVARD			PHEL	.43	5
52C	PEAKS-COWEE-CHESTER COMPLEX, 7 TO 15 PERCENT SLOPES, VERY STONY	1	PEAKS			HEL	.15	2
52D	PEAKS-COWEE-CHESTER COMPLEX, 15 TO 25 PERCENT SLOPES, VERY STONY	1	PEAKS			HEL	.15	2
52E	PEAKS-COWEE-CHESTER COMPLEX, 25 TO 80 PERCENT SLOPES, VERY STONY	1	PEAKS			HEL	.15	2
56B	PORTERS LOAM, 2 TO 7 PERCENT SLOPES, STONY	1	PORTERS			PHEL	.17	4
56C	PORTERS LOAM, 7 TO 15 PERCENT SLOPES, STONY	1	PORTERS			HEL	.17	4
56D	PORTERS LOAM, 15 TO 25 PERCENT SLOPES, STONY	1	PORTERS			HEL	.17	4
56E	PORTERS LOAM, 25 TO 50 PERCENT SLOPES, STONY	1	PORTERS			HEL	.17	4
84B	EVARD LOAM, 2 TO 7 PERCENT SLOPES	1	EVARD			PHEL	.28	5
84C	EVARD LOAM, 7 TO 15 PERCENT SLOPES	1	EVARD			HEL	.28	5
84D	EVARD LOAM, 15 TO 25 PERCENT SLOPES	1	EVARD			HEL	.28	5
86C	PEAKS-COWEE-EVARD COMPLEX, 7 TO 15 PERCENT SLOPES	1	PEAKS			HEL	.15	2
86D	PEAKS-COWEE-EVARD COMPLEX, 15 TO 25 PERCENT SLOPES	1	PEAKS			HEL	.15	2
86E	PEAKS-COWEE-EVARD COMPLEX, 25 TO 80 PERCENT SLOPES	1	PEAKS			HEL	.15	2
106A	KINKORA LOAM, 0 TO 4 PERCENT SLOPES, OCCASIONALLY FLOODED	1	KINKORA					
120B	ARARAT CHANNERY LOAM, 2 TO 7 PERCENT SLOPES, STONY	1	ARARAT			PHEL	.15	2
120C	ARARAT CHANNERY LOAM, 7 TO 15 PERCENT SLOPES, STONY	1	ARARAT			HEL	.15	2

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120D	ARARAT CHANNERY ELOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	ARARAT			HEL	.15	2	
140B	THURMONT LOAM, 2 TO 7 PERCENT SLOPES, VERY STONY	1	THURMONT			PHEL	.24	4	
140C	THURMONT LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	THURMONT			HEL	.24	4	
140D	THURMONT LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	THURMONT			HEL	.24	4	
170B	LITTLEJOE SILT LOAM, 2 TO 7 PERCENT SLOPES	1	LITTLEJOE			PHEL	.37	4	
170C	LITTLEJOE SILT LOAM, 7 TO 15 PERCENT SLOPES	1	LITTLEJOE			HEL	.37	4	
170D	LITTLEJOE SILT LOAM, 15 TO 25 PERCENT SLOPES	1	LITTLEJOE			HEL	.37	4	
176E	SYLCO CHANNERY SILT LOAM, 25 TO 80 PERCENT SLOPES	1	SYLCO			HEL	.20	1	
205B	HAYESVILLE SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES	1	HAYESVILLE			PHEL	.24	5	
205C	HAYESVILLE SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES	1	HAYESVILLE			HEL	.24	5	
205D	HAYESVILLE SANDY CLAY LOAM, 15 TO 25 PERCENT SLOPES	1	HAYESVILLE			HEL	.24	5	
205E	HAYESVILLE SANDY CLAY LOAM, 25 TO 60 PERCENT SLOPES	1	HAYESVILLE			HEL	.24	5	
210B	MINNIEVILLE CLAY LOAM, 2 TO 7 PERCENT SLOPES	1	MINNIEVILLE			PHEL	.28	5	
210C	MINNIEVILLE CLAY LOAM, 7 TO 15 PERCENT SLOPES	1	MINNIEVILLE			HEL	.28	5	
210D	MINNIEVILLE CLAY LOAM, 15 TO 25 PERCENT SLOPES	1	MINNIEVILLE			HEL	.28	5	
219B	CHESTER LOAM, 2 TO 7 PERCENT SLOPES, VERY STONY	1	CHESTER			PHEL	.32	4	
219C	CHESTER LOAM, 7 TO 55 PERCENT SLOPES, VERY STONY	1	CHESTER			HEL	.32	4	
219D	CHESTER LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	CHESTER			HEL	.32	4	
219E	CHESTER LOAM, 25 TO 60 PERCENT SLOPES, VERY STONY	1	CHESTER			HEL	.32	4	
315B	HAYESVILLE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, VERY STONY	1	HAYESVILLE			PHEL	.15	5	
315C	HAYESVILLE FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	HAYESVILLE			HEL	.15	5	
315D	HAYESVILLE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	HAYESVILLE			HEL	.15	5	
315E	HAYESVILLE FINE SANDY LOAM, 25 TO 60 PERCENT SLOPES, VERY STONY	1	HAYESVILLE			HEL	.15	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.