

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- KING AND QUEEN COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1A	AUGUSTA FINE SANDY LOAM, 0 TO 2, PERCENT SLOPES, RARELY FLOODED	1	AUGUSTA	3W	2	NHEL	.20	4
2A	BOJAC LOAMY SAND, 0 TO 2 PERCENT SLOPES, RARELY FLOODED formerly LFS	1	BOJAC	2W	0	NHEL	.17	3
2B	BOJAC LOAMY SAND, 2 TO 6 PERCENT SLOPES, RARELY FLOODED formerly LFS	1	BOJAC	2W	0	PHEL	.17	3
3A	CRAVEN FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	CRAVEN	2W	1	NHEL	.37	5
3B	CRAVEN FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	CRAVEN	3E	1	PHEL	.37	5
3C	CRAVEN FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	CRAVEN	4E	0	HEL	.37	5
4A	EMPORIA SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	EMPORIA	1	1	NHEL	.28	4
4B	EMPORIA SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	EMPORIA	2E	1	PHEL	.28	4
4C	EMPORIA SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	EMPORIA	3E	0	HEL	.28	4
5D	EMPORIA-SLAGLE-RUMFORD COMPLEX, 6 TO 15 PERCENT SLOPES	1	EMPORIA	4E	0	HEL	.28	4
5D	EMPORIA-SLAGLE-RUMFORD COMPLEX, 6 TO 15 PERCENT SLOPES	2	SLAGLE	4E	0	HEL	.28	3
5D	EMPORIA-SLAGLE-RUMFORD COMPLEX, 6 TO 15 PERCENT SLOPES	3	RUMFORD	4E	0	HEL	.17	4
5E	EMPORIA-SLAGLE-RUMFORD COMPLEX, 15 TO 50 PERCENT SLOPES	1	EMPORIA	7E	0	HEL	.28	4
5E	EMPORIA-SLAGLE-RUMFORD COMPLEX, 15 TO 50 PERCENT SLOPES	2	SLAGLE	6E	0	HEL	.28	3
5E	EMPORIA-SLAGLE-RUMFORD COMPLEX, 15 TO 50 PERCENT SLOPES	3	RUMFORD	7E	0	HEL	.17	4
6A	FACEVILLE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES formerly Bama L	1	FACEVILLE	1	1	NHEL	.24	5
6B	FACEVILLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	FACEVILLE	2E	1	PHEL	.24	5
7A	KINSTON AND BIBB SOILS, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1	KINSTON	6W	0	NHEL	.24	5
7A	KINSTON AND BIBB SOILS, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	2	BIBB	3W	0	NHEL	.20	5
8A	LEVY SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	LEVY	7W	0	NHEL	.37	5
9A	MATTAPONI FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	MATTAPONI	2W	1	NHEL	.32	3
9B	MATTAPONI FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	MATTAPONI	2E	1	PHEL	.32	3
9C	MATTAPONI FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	MATTAPONI	3E	0	HEL	.32	3
10A	MUNDEN LOAMY SAND, 0 TO 2 PERCENT SLOPES formerly FSL	1	MUNDEN	2W	1	NHEL	.20	4
10B	MUNDEN LOAMY SAND, 2 TO 6 PERCENT SLOPES formerly FSL	1	MUNDEN	2E	0	PHEL	.20	4
11A	PITS, GRAVEL	1	PITS, GRAVEL	8S	0	PHEL	-	-
12A	RAPPAHANNOCK MUCKY PEAT, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED	1	RAPPAHANNOCK	8W	0	NHEL	-	-
13A	ROANOKE LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	ROANOKE	4W	0	NHEL	.37	4
14B	RUMFORD LOAMY SAND, 0 TO 6 PERCENT SLOPES	1	RUMFORD	2S	0	PHEL	.17	4
14C	RUMFORD LOAMY SAND, 6 TO 10 PERCENT SLOPES	1	RUMFORD	3E	0	PHEL	.17	4
15A	SLAGLE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	SLAGLE	2W	1	NHEL	.28	3
15B	SLAGLE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SLAGLE	2E	1	PHEL	.28	3
15C	SLAGLE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	SLAGLE	3E	0	HEL	.28	3
16A	STATE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	STATE	1	1	NHEL	.28	5
16B	STATE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	STATE	2E	1	PHEL	.28	5
17A	SUFFOLK SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	SUFFOLK	1	1	NHEL	.28	4
17B	SUFFOLK SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SUFFOLK	2E	1	PHEL	.28	4
17C	SUFFOLK SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	SUFFOLK	3E	0	HEL	.28	4
18B	TARBORO SAND, 0 TO 6 PERCENT SLOPES, RARELY FLOODED	1	TARBORO	3S	0	NHEL	.10	5
19A	TETOTUM FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	TETOTUM	2W	1	NHEL	.37	4
19B	TETOTUM FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, RARELY FLOODED	1	TETOTUM	2E	1	PHEL	.37	4

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19C	TETOTUM FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	TETOTUM	3E	0	HEL	.37	4
20A	TOMOTLEY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	TOMOTLEY		0	NHEL	.20	5
21A	WAHEE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	1	WAHEE	2W	0	NHEL	.24	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.