

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- ESSEX COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
1A	ATLEE SILT LOAM, 0 TO 2 PERCENT SLOPES	1	ATLEE	2W	1	NHEL	.37	4
2A	AUGUSTA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	AUGUSTA	3W	2	NHEL	.20	4
3A	BIBB SANDY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	BIBB	5W	0	NHEL	.20	5
4A	BOJAC LOAMY SAND, 0 TO 2 PERCENT SLOPES	1	BOJAC	2S	0	NHEL	.17	3
5A	BOLLING SILT LOAM, 0 TO 2 PERCENT SLOPES	1	BOLLING	2W	1	NHEL	.28	4
6B	CATPOINT LOAMY SAND, 0 TO 6 PERCENT SLOPES	1	CATPOINT	3S	0	NHEL	.10	5
7A	CHICKAHOMINY SILT LOAM, 0 TO 2 PERCENT SLOPES	1	CHICKAHOMINY	4W	0	NHEL	.37	4
8A	DOGUE LOAM, 0 TO 2 PERCENT SLOPES	1	DOGUE	2W	1	NHEL	.37	4
9A	EMPORIA SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	EMPORIA	1	1	NHEL	.28	4
9B	EMPORIA SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	EMPORIA	2E	1	PHEL	.28	4
9C	EMPORIA SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	EMPORIA	3E	0	HEL	.28	4
10A	KEMPSVILLE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	KEMPSVILLE	1	1	NHEL	.28	4
10B	KEMPSVILLE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	KEMPSVILLE	2E	1	PHEL	.28	4
10C	KEMPSVILLE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	KEMPSVILLE	3E	0	HEL	.28	4
11A	LEVY SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1	LEVY	7W	0	NHEL	.37	5
12A	MOLENA LOAMY SAND, 0 TO 2 PERCENT SLOPES	1	MOLENA	3S	0	NHEL	.10	5
12B	MOLENA LOAMY SAND, 2 TO 6 PERCENT SLOPES	1	MOLENA	3S	0	NHEL	.10	5
13A	MUNDEN FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	MUNDEN	2W	1	NHEL	.20	4
14A	NEWFLAT SILT LOAM, 0 TO 2 PERCENT SLOPES	1	NEWFLAT	3W	0	NHEL	.37	4
15A	PAMUNKEY LOAM, WET SUBSTRATUM, 0 TO 2 PERCENT SLOPES	1	PAMUNKEY	1	1	NHEL	.28	4
16	PITS, SAND AND GRAVEL	1	PITS	8S	0	PHEL	.17	5
17A	RAPPAHANNOCK MUCK, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED	1	RAPPAHANNOCK	8W	0	NHEL	-	-
18B	RUMFORD LOAMY SAND, 0 TO 6 PERCENT SLOPES	1	RUMFORD	2S	0	PHEL	.17	4
19E	RUMFORD AND EMPORIA SOILS, 15 TO 50 PERCENT SLOPES	1	RUMFORD	7E	0	HEL	.17	4
19E	RUMFORD AND EMPORIA SOILS, 15 TO 50 PERCENT SLOPES	2	EMPORIA	7E	0	HEL	.28	4
20D	RUMFORD AND SLAGLE SOILS, 6 TO 15 PERCENT SLOPES	1	RUMFORD	4E	0	HEL	.17	4
20D	RUMFORD AND SLAGLE SOILS, 6 TO 15 PERCENT SLOPES	2	SLAGLE	4E	0	HEL	.28	3
21B	SLAGLE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SLAGLE	2E	1	PHEL	.28	3
21C	SLAGLE FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES	1	SLAGLE	3E	0	HEL	.28	3
22A	STATE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	STATE	1	1	NHEL	.28	5
22B	STATE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	STATE	2E	1	PHEL	.28	5
23A	SUFFOLK SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	SUFFOLK	1	1	NHEL	.28	4
23B	SUFFOLK SANDY LOAM, 2 TO 6 PERCENT SLOPES	1	SUFFOLK	2E	1	PHEL	.28	4
24A	TETOTUM LOAM, 0 TO 2 PERCENT SLOPES	1	TETOTUM	2W	1	NHEL	.28	4
24B	TETOTUM LOAM, 2 TO 6 PERCENT SLOPES	1	TETOTUM	2E	1	PHEL	.28	4
25A	TOMOTLEY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	1	TOMOTLEY	4W	2	NHEL	.20	5

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- ESSEX COUNTY, VIRGINIA

Map									
Symbol	Mapunit	Name	Seq.	Component	Cap.	Prime	HEL	K	T
			Num.	Name	Subcl.	Farm	Soil	Fact.	Fact.

HEL Terms

NHEL – Not Highly Erodible Land
PHL – 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.