

HIGHLY ERODIBLE LAND REPORT  
JANUARY, 1990

Survey Area- SCOTT COUNTY, VIRGINIA SOIL SURVEY

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
2B	FREDERICK SILT LOAM, 2 TO 7 PERCENT SLOPES	1	FREDERICK			PHEL	.32	4
2C	FREDERICK SILT LOAM, 7 TO 15 PERCENT SLOPES	1	FREDERICK			PHEL	.32	4
2D	FREDERICK SILT LOAM, 15 TO 25 PERCENT SLOPES	1	FREDERICK			HEL	.32	4
2E	FREDERICK SILT LOAM, 25 TO 35 PERCENT SLOPES	1	FREDERICK			HEL	.32	4
2F	FREDERICK SILT LOAM, 35 TO 60 PERCENT SLOPES	1	FREDERICK			HEL	.32	4
4B	FREDERICK GRAVELLY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	FREDERICK			PHEL	.28	4
4C	FREDERICK GRAVELLY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	FREDERICK			PHEL	.28	4
4D	FREDERICK GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	FREDERICK			HEL	.28	4
4E	FREDERICK GRAVELLY SILT LOAM, 25 TO 35 PERCENT SLOPES	1	FREDERICK			HEL	.28	4
4F	FREDERICK GRAVELLY SILT LOAM, 35 TO 60 PERCENT SLOPES	1	FREDERICK			HEL	.28	4
5A	ALLEGHENY LOAM, 0 TO 2 PERCENT SLOPES	1	ALLEGHENY			NHEL	.32	4
5B	ALLEGHENY LOAM, 2 TO 7 PERCENT SLOPES	1	ALLEGHENY			PHEL	.32	4
5C	ALLEGHENY LOAM, 7 TO 15 PERCENT SLOPES	1	ALLEGHENY			HEL	.32	4
6C	WURNO SILT LOAM, 7 TO 15 PERCENT SLOPES	1	WURNO			HEL	.28	2
6D	WURNO SILT LOAM, 15 TO 25 PERCENT SLOPES	1	WURNO			HEL	.28	2
6E	WURNO SILT LOAM, 25 TO 70 PERCENT SLOPES	1	WURNO			HEL	.28	2
07A	COTACO SILT LOAM, 0 TO 2 PERCENT SLOPES	1	COTACO			NHEL	.37	3
07B	COTACO SILT LOAM, 2 TO 7 PERCENT SLOPES	1	COTACO			PHEL	.37	3
07C	COTACO SILT LOAM, 7 TO 15 PERCENT SLOPES	1	COTACO			HEL	.37	3
8A	LOBDELL-ORRVILLE LOAMS COMPLEX, 0 TO 2 PERCENT COMPLEX	1	LOBDELL			NHEL	.37	5
16A	CHAGRIN LOAM, 0 TO 2 PERCENT COMPLEX	1	CHAGRIN			NHEL	.32	5
20B	SHOTTOWER LOAM, 2 TO 7 PERCENT SLOPES	1	SHOTTOWER			PHEL	.32	5
20C	SHOTTOWER LOAM, 7 TO 15 PERCENT SLOPES	1	SHOTTOWER			PHEL	.32	5
20D	SHOTTOWER LOAM, 15 TO 25 PERCENT SLOPES	1	SHOTTOWER			HEL	.32	5
20E	SHOTTOWER LOAM, 25 TO 35 PERCENT SLOPES	1	SHOTTOWER			HEL	.32	5
22B	BOLTON LOAM, 2 TO 7 PERCENT SLOPES	1	BOLTON			PHEL	.37	4
22C	BOLTON LOAM, 7 TO 15 PERCENT SLOPES	1	BOLTON			HEL	.37	4
22D	BOLTON LOAM, 15 TO 25 PERCENT SLOPES	1	BOLTON			HEL	.37	4
22E	BOLTON LOAM, 25 TO 35 PERCENT SLOPES	1	BOLTON			HEL	.37	4
27A	POPE GRAVELLY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES,	1	POPE			NHEL	.28	5
29B	CARBO SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES	1	CARBO			PHEL	.37	2
29C	CARBO SILTY CLAY LOAM, 7 TO 15 PERCENT SLOPES	1	CARBO			HEL	.37	2
29D	CARBO SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES	1	CARBO			HEL	.37	2
29E	CARBO SILTY CLAY LOAM, 25 TO 65 PERCENT SLOPES	1	CARBO			HEL	.37	2
30A	TIMBERVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES	1	TIMBERVILLE			NHEL	.32	4
30B	TIMBERVILLE SILT LOAM, 2 TO 7 PERCENT SLOPES	1	TIMBERVILLE			PHEL	.32	4
32C	GRIMSLEY COBBLY LOAM, 7 TO 15 PERCENT SLOPES	1	GRIMSLEY			PHEL	.20	4
32D	GRIMSLEY COBBLY LOAM, 15 TO 25 PERCENT SLOPES	1	GRIMSLEY			HEL	.20	4
32E	GRIMSLEY COBBLY LOAM, 25 TO 70 PERCENT SLOPES	1	GRIMSLEY			HEL	.20	4
33A	ATKINS LOAM, 0 TO 2 PERCENT SLOPES	1	ATKINS			NHEL	.28	5
40B	LITZ-GROSECLOSE SILT LOAMS COMPLEX, 2 TO 7 PERCENT SLOPES	1	LITZ			PHEL	.37	3
40C	LITZ-GROSECLOSE SILT LOAMS COMPLEX, 7 TO 15 PERCENT SLOPES	1	LITZ			HEL	.37	3
40D	LITZ-GROSECLOSE SILT LOAMS COMPLEX, 15 TO 25 PERCENT SLOPES	1	LITZ			HEL	.37	3

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40E	LITZ-GROSECLOSE SILT LOAMS COMPLEX, 25 TO 70 PERCENT SLOPES	1	LITZ			HEL	.37	3	2-
43B	LILY LOAM, 2 TO 7 PERCENT SLOPES	1	LILY			PHEL	.28	3	
43C	LILY LOAM, 7 TO 15 PERCENT SLOPES	1	LILY			HEL	.28	3	
43D	LILY LOAM, 15 TO 25 PERCENT SLOPES	1	LILY			HEL	.28	3	
46B	CLARKSVILLE CHERTY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	CLARKSVILLE			PHEL	.20	2	
46C	CLARKSVILLE CHERTY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	CLARKSVILLE			HEL	.20	2	
46D	CLARKSVILLE CHERTY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	CLARKSVILLE			HEL	.20	2	
46E	CLARKSVILLE CHERTY SILT LOAM, 25 TO 70 PERCENT SLOPES	1	CLARKSVILLE			HEL	.20	2	
48C	CARBO-ROCK OUTCROP COMPLEX, 7 TO 15 PERCENT SLOPES, KARST	1	CARBO			HEL	.37	2	
48D	CARBO-ROCK OUTCROP COMPLEX, 15 TO 25 PERCENT SLOPES, KARST	1	CARBO			HEL	.37	2	
48E	CARBO-ROCK OUTCROP COMPLEX, 25 TO 65 PERCENT SLOPES, KARST	1	CARBO			HEL	.37	2	
49C	CARBO-ROCK OUTCROP COMPLEX, 7 TO 15 PERCENT SLOPES	1	CARBO			HEL	.37	2	
49D	CARBO-ROCK OUTCROP COMPLEX, 15 TO 25 PERCENT SLOPES	1	CARBO			HEL	.37	2	
49E	CARBO-ROCK OUTCROP COMPLEX, 25 TO 35 PERCENT SLOPES	1	CARBO			HEL	.37	2	
50C	FREDERICK SILT LOAM, KARST, 7 TO 15 PERCENT SLOPES	1	FREDERICK			HEL	.32	4	
50D	FREDERICK SILT LOAM, KARST, 15 TO 25 PERCENT SLOPES	1	FREDERICK			HEL	.32	4	
50E	FREDERICK SILT LOAM, KARST, 25 TO 60 PERCENT SLOPES	1	FREDERICK			HEL	.32	4	
53A	NOLIN SILT LOAM, 0 TO 2 PERCENT SLOPES	1	NOLIN			NHEL	.43	5	
60C	JEFFERSON LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	JEFFERSON			PHEL	.10	4	
60D	JEFFERSON LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	JEFFERSON			HEL	.10	4	
60E	JEFFERSON LOAM, 25 TO 70 PERCENT SLOPES, VERY STONY	1	JEFFERSON			HEL	.10	4	
63B	SHELOCTA SILT LOAM, 2 TO 7 PERCENT SLOPES	1	SHELOCTA			PHEL	.32	4	
63C	SHELOCTA SILT LOAM, 7 TO 15 PERCENT SLOPES	1	SHELOCTA			HEL	.32	4	
63D	SHELOCTA SILT LOAM, 15 TO 25 PERCENT SLOPES	1	SHELOCTA			HEL	.32	4	
63E	SHELOCTA SILT LOAM, 25 TO 35 PERCENT SLOPES	1	SHELOCTA			HEL	.32	4	
63F	SHELOCTA SILT LOAM, 35 TO 70 PERCENT SLOPES	1	SHELOCTA			HEL	.32	4	
69A	LINDSIDE-NEWARK SILT LOAMS COMPLEX, 0 TO 2 PERCENT SLOPES	1	LINDSIDE			NHEL	.37	4	
70A	MELVIN SILT LOAM, 0 TO 2 PERCENT SLOPES	1	MELVIN			NHEL	.43	5	
73C	WESTMORELAND LOAM, 7 TO 15 PERCENT SLOPES	1	WESTMORELAND			HEL	.37	3	
73D	WESTMORELAND LOAM, 15 TO 25 PERCENT SLOPES	1	WESTMORELAND			HEL	.37	3	
73E	WESTMORELAND LOAM, 25 TO 35 PERCENT SLOPES	1	WESTMORELAND			HEL	.37	3	
73F	WESTMORELAND LOAM, 35 TO 70 PERCENT SLOPES	1	WESTMORELAND			HEL	.37	3	

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90B	JEFFERSON LOAM, 2 TO 7 PERCENT SLOPES	1	JEFFERSON			PHEL	.17	4
90C	JEFFERSON LOAM, 7 TO 15 PERCENT SLOPES	1	JEFFERSON			PHEL	.17	4
90D	JEFFERSON LOAM, 15 TO 25 PERCENT SLOPES	1	JEFFERSON			HEL	.17	4
114C	LAIDIG VERY STONY LOAM, 7 TO 15 PERCENT SLOPES	1	LAIDIG			PHEL	.28	4
114D	LAIDIG VERY STONY LOAM, 15 TO 25 PERCENT SLOPES	1	LAIDIG			HEL	.28	4
114E	LAIDIG VERY STONY LOAM, 25 TO 50 PERCENT SLOPES	1	LAIDIG			HEL	.28	4
115B	LAIDIG CHANNERY LOAM, 2 TO 7 PERCENT SLOPES	1	LAIDIG			PHEL	.28	4
115C	LAIDIG CHANNERY LOAM, 7 TO 15 PERCENT SLOPES	1	LAIDIG			PHEL	.28	4
115D	LAIDIG CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	1	LAIDIG			HEL	.28	4
135B	GILPIN SILT LOAM, 2 TO 7 PERCENT SLOPES	1	GILPIN			PHEL	.32	3
135C	GILPIN SILT LOAM, 7 TO 15 PERCENT SLOPES	1	GILPIN			HEL	.32	3
135D	GILPIN SILT LOAM, 15 TO 25 PERCENT SLOPES	1	GILPIN			HEL	.32	3
141B	WYRICK-MARBIE SILT LOAMS COMPLEX, 2 TO 7 PERCENT SLOPES	1	WYRICK			PHEL	.32	5
141C	WYRICK-MARBIE SILT LOAMS COMPLEX, 7 TO 15 PERCENT SLOPES	1	WYRICK			PHEL	.32	5
150A	CRAIGSVILLE COBBLY SANDY LOAM, 0 TO 5 PERCENT SLOPES	1	CRAIGSVILLE			NHEL	.17	3
152A	ZOAR SILT LOAM, 0 TO 2 PERCENT SLOPES	1	ZOAR			NHEL	.43	3
152B	ZOAR SILT LOAM, 2 TO 7 PERCENT SLOPES	1	ZOAR			PHEL	.43	3
152C	ZOAR SILT LOAM, 7 TO 15 PERCENT SLOPES	1	ZOAR			HEL	.43	3
215A	PURDY SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1	PURDY			NHEL	.43	3
215B	PURDY SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES	1	PURDY			PHEL	.43	3
220B	SHOTTOWER COBBLY LOAM, 2 TO 7 PERCENT SLOPES	1	SHOTTOWER			PHEL	.24	5
220C	SHOTTOWER COBBLY LOAM, 7 TO 15 PERCENT SLOPES	1	SHOTTOWER			PHEL	.24	5
220D	SHOTTOWER COBBLY LOAM, 15 TO 25 PERCENT SLOPES	1	SHOTTOWER			HEL	.24	5
220E	SHOTTOWER COBBLY LOAM, 25 TO 35 PERCENT SLOPES	1	SHOTTOWER			HEL	.24	5
222B	TUMBLING VERY STONY LOAM, 2 TO 7 PERCENT SLOPES	1	TUMBLING			PHEL	.24	5
222C	TUMBLING VERY STONY LOAM, 7 TO 15 PERCENT SLOPES	1	TUMBLING			PHEL	.24	5
222D	TUMBLING VERY STONY LOAM, 15 TO 25 PERCENT SLOPES	1	TUMBLING			HEL	.24	5
222E	TUMBLING VERY STONY LOAM, 25 TO 45 PERCENT SLOPES	1	TUMBLING			HEL	.24	5
223B	TUMBLING LOAM, 2 TO 7 PERCENT SLOPES	1	TUMBLING			PHEL	.32	5
223C	TUMBLING LOAM, 7 TO 15 PERCENT SLOPES	1	TUMBLING			PHEL	.32	5
223D	TUMBLING LOAM, 15 TO 25 PERCENT SLOPES	1	TUMBLING			HEL	.32	5
223E	TUMBLING LOAM, 25 TO 45 PERCENT SLOPES	1	TUMBLING			HEL	.32	5
271C	BERKS VERY STONY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	BERKS			PHEL	.17	3
271D	BERKS VERY STONY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	BERKS			HEL	.17	3
271E	BERKS VERY STONY SILT LOAM, 25 TO 70 PERCENT SLOPES	1	BERKS			HEL	.17	3
298C	DEKALB VERY STONY SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	DEKALB			HEL	.17	2
298D	DEKALB VERY STONY SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	DEKALB			HEL	.17	2
298E	DEKALB VERY STONY SANDY LOAM, 25 TO 70 PERCENT SLOPES	1	DEKALB			HEL	.17	2

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## 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.