

HIGHLY ERODIBLE LAND REPORT  
 JANUARY, 1990

Survey Area- ALLEGHANY COUNTY, VIRGINIA

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	2E	1	PHEL	.32	5
2C	FREDERICK SILT LOAM, 7 TO 15 PERCENT SLOPES	1	FREDERICK	3E	0	HEL	.32	5
2D	FREDERICK SILT LOAM, 15 TO 25 PERCENT SLOPES	1	FREDERICK	4E	0	HEL	.32	5
4B	FREDERICK SILT LOAM, 2 TO 7 PERCENT SLOPES, VERY STONY	1	FREDERICK	6S	0	PHEL	.32	4
4C	FREDERICK SILT LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	FREDERICK	6S	0	HEL	.32	4
4D	FREDERICK SILT LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	1	FREDERICK	6S	0	HEL	.32	4
4E	FREDERICK SILT LOAM, 25 TO 60 PERCENT SLOPES, VERY STONY	1	FREDERICK	7E	0	HEL	.32	4
7C	UDORTHENTS-URBAN LAND COMPLEX, 2 TO 15 PERCENT SLOPES	2	URBAN LAND	8S	0	HEL		
8A	LINDSIDE-NEWARK COMPLEX, 0 TO 3 PERCENT SLOPES, OCCASIONALLY FLOODED	1	LINDSIDE	2W	1	PHEL	.32	5
8A	LINDSIDE-NEWARK COMPLEX, 0 TO 3 PERCENT SLOPES, OCCASIONALLY FLOODED	2	NEWARK	2W	1	PHEL	.43	5
11B	ALONZVILLE LOAM, 2 TO 7 PERCENT SLOPES	1	ALONZVILLE	2E	1	PHEL	.32	5
11C	ALONZVILLE LOAM, 7 TO 15 PERCENT SLOPES	1	ALONZVILLE	3E	0	HEL	.32	5
12B	ZOAR SILT LOAM, 2 TO 7 PERCENT SLOPES	1	ZOAR	2E	0	PHEL	.43	3
13B	TYGART LOAM, 2 TO 7 PERCENT SLOPES	1	TYGART	3W	0	PHEL	.43	5
14B	BOTETOURT LOAM, 2 TO 7 PERCENT SLOPES	1	BOTETOURT	2W	1	PHEL	.32	5
14C	BOTETOURT LOAM, 7 TO 15 PERCENT SLOPES	1	BOTETOURT	3E	0	HEL	.32	5
15A	SPEEDWELL FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES, OCCASIONALLY FLOODED	1	SPEEDWELL	1	1	PHEL	.17	4
16A	ALONEMILL LOAM, 0 TO 5 PERCENT SLOPES, OCCASIONALLY FLOODED	1	ALONEMILL	1	1	PHEL	.32	5
18B	MURRILL CHANNERY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	MURRILL	2E	0	PHEL	.28	5
18C	MURRILL CHANNERY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	MURRILL	3E	0	HEL	.28	5
18D	MURRILL CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	MURRILL	4E	0	HEL	.28	5
33A	ATKINS SILT LOAM, 0 TO 3 PERCENT SLOPES, OCCASIONALLY FLOODED	1	ATKINS	3W	0	PHEL	.32	5
35C	BERKS-WEIKERT COMPLEX, 7 TO 15 PERCENT SLOPES	1	BERKS	3E	0	HEL	.17	3
35C	BERKS-WEIKERT COMPLEX, 7 TO 15 PERCENT SLOPES	2	WEIKERT	4E	0	HEL	.28	2
35D	BERKS-WEIKERT COMPLEX, 15 TO 35 PERCENT SLOPES	1	BERKS	6E	0	HEL	.17	3
35D	BERKS-WEIKERT COMPLEX, 15 TO 35 PERCENT SLOPES	2	WEIKERT	7E	0	HEL	.28	2
35E	WEIKERT-BERKS COMPLEX, 35 TO 55 PERCENT SLOPES	1	WEIKERT	7E	0	HEL	.28	2
35E	WEIKERT-BERKS COMPLEX, 35 TO 55 PERCENT SLOPES	2	BERKS	7E	0	HEL	.17	3
35F	WEIKERT-ROUGH COMPLEX, 55 TO 80 PERCENT SLOPES	1	WEIKERT	7E	0	HEL	.28	2
35F	WEIKERT-ROUGH COMPLEX, 55 TO 80 PERCENT SLOPES	2	ROUGH	7E	0	HEL	.15	2
44C	ALTICREST-DEKALB COMPLEX, 7 TO 15 PERCENT SLOPES	1	ALTICREST	3E	0	HEL	.24	2
44C	ALTICREST-DEKALB COMPLEX, 7 TO 15 PERCENT SLOPES	2	DEKALB	6S	0	HEL	.17	2
44D	ALTICREST-DEKALB COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	1	ALTICREST	6E	0	HEL	.24	2
44D	ALTICREST-DEKALB COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	2	DEKALB	7S	0	HEL	.17	2
44E	ALTICREST-DEKALB COMPLEX, 35 TO 55 PERCENT SLOPES, VERY STONY	1	ALTICREST	7E	0	HEL	.24	2
44E	ALTICREST-DEKALB COMPLEX, 35 TO 55 PERCENT SLOPES, VERY STONY	2	DEKALB	7S	0	HEL	.17	2
44F	DEKALB-ALTICREST COMPLEX, 55 TO 80 PERCENT SLOPES, VERY STONY	1	DEKALB	7S	0	HEL	.17	2
44F	DEKALB-ALTICREST COMPLEX, 55 TO 80 PERCENT SLOPES, VERY STONY	2	ALTICREST		0	HEL	.24	2
49C	CANEYVILLE-ROCK OUTCROP COMPLEX, 7 TO 15 PERCENT SLOPES, KARST	1	CANEYVILLE	3E	0	HEL	.43	3

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49C	CANEYVILLE-ROCK OUTCROP COMPLEX, 7 TO 15 PERCENT SLOPES, KARST	2	ROCK OUTCROP	8S	0	HEL		
49D	CANEYVILLE-ROCK OUTCROP COMPLEX, 15 TO 25 PERCENT SLOPES, KARST	1	CANEYVILLE	6E	0	HEL	.43	3
49D	CANEYVILLE-ROCK OUTCROP COMPLEX, 15 TO 25 PERCENT SLOPES, KARST	2	ROCK OUTCROP	8S	0	HEL		
49E	CANEYVILLE-ROCK OUTCROP COMPLEX, 25 TO 65 PERCENT SLOPES, KARST	1	CANEYVILLE	7E	0	HEL	.43	3
49E	CANEYVILLE-ROCK OUTCROP COMPLEX, 25 TO 65 PERCENT SLOPES, KARST	2	ROCK OUTCROP	8S	0	HEL		
49F	CANEYVILLE-ROCK OUTCROP COMPLEX, 55 TO 80 PERCENT SLOPES	1	CANEYVILLE	7E	0	HEL	.43	3
49F	CANEYVILLE-ROCK OUTCROP COMPLEX, 55 TO 80 PERCENT SLOPES	2	ROCK OUTCROP	8S	0	HEL		
50D	DEKALB-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	1	DEKALB	7S	0	HEL	.17	2
50D	DEKALB-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	2	ROCK OUTCROP	8S	0	HEL		
50E	DEKALB-ROCK OUTCROP COMPLEX, 35 TO 80 PERCENT SLOPES, VERY STONY	1	DEKALB	7S	0	HEL	.17	2
50E	DEKALB-ROCK OUTCROP COMPLEX, 35 TO 80 PERCENT SLOPES, VERY STONY	2	ROCK OUTCROP	8S	0	HEL		
54B	ALONZVILLE COBBLY LOAM, 2 TO 7 PERCENT SLOPES	1	ALONZVILLE	3E	0	PHEL	.20	3
54C	ALONZVILLE COBBLY LOAM, 7 TO 15 PERCENT SLOPES	1	ALONZVILLE	4E	0	HEL	.20	3
54D	ALONZVILLE COBBLY LOAM, 15 TO 25 PERCENT SLOPES	1	ALONZVILLE	6E	0	HEL	.20	3
63C	SHELOCTA-BERKS COMPLEX, 7 TO 15 PERCENT SLOPES	1	SHELOCTA	3E	0	HEL	.28	3
63C	SHELOCTA-BERKS COMPLEX, 7 TO 15 PERCENT SLOPES	2	BERKS	3E	0	HEL	.17	3
63D	SHELOCTA-BERKS COMPLEX, 15 TO 35 PERCENT SLOPES	1	SHELOCTA	6E	0	HEL	.28	3
63D	SHELOCTA-BERKS COMPLEX, 15 TO 35 PERCENT SLOPES	2	BERKS	6E	0	HEL	.17	3
63E	SHELOCTA-BERKS COMPLEX, 35 TO 50 PERCENT SLOPES	1	SHELOCTA	7E	0	HEL	.28	3
63E	SHELOCTA-BERKS COMPLEX, 35 TO 50 PERCENT SLOPES	2	BERKS	7E	0	HEL	.17	3
64B	SHELOCTA CHANNERY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	SHELOCTA	2E	1	PHEL	.28	3
64C	SHELOCTA CHANNERY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	SHELOCTA	3E	0	HEL	.28	3
64D	SHELOCTA CHANNERY SILT LOAM, 15 TO 35 PERCENT SLOPES	1	SHELOCTA	6E	0	HEL	.28	3
78C	CANEYVILLE SILT LOAM, 7 TO 15 PERCENT SLOPES	1	CANEYVILLE	3E	0	HEL	.43	3
78D	CANEYVILLE SILT LOAM, 15 TO 35 PERCENT SLOPES	1	CANEYVILLE	6E	0	HEL	.43	3
78E	CANEYVILLE SILT LOAM, 35 TO 60 PERCENT SLOPES	1	CANEYVILLE	7E	0	HEL	.43	3
85C	ORISKANY VERY GRAVELLY LOAM, 7 TO 15 PERCENT SLOPES, VERY STONY	1	ORISKANY	6S	0	HEL	.15	5
85D	ORISKANY VERY GRAVELLY LOAM, 15 TO 35 PERCENT SLOPES, VERY STONY	1	ORISKANY	7S	0	HEL	.15	5
85E	ORISKANY VERY GRAVELLY LOAM, 35 TO 55 PERCENT SLOPES, VERY STONY	1	ORISKANY	7S	0	HEL	.15	5
85F	ORISKANY VERY GRAVELLY LOAM, 25 TO 55 PERCENT SLOPES, RUBBLY	1	ORISKANY		0	HEL	.05	5
86D	ORISKANY-BLACKTHORN COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	1	ORISKANY	7S	0	HEL	.15	5
86D	ORISKANY-BLACKTHORN COMPLEX, 15 TO 35 PERCENT SLOPES, VERY STONY	2	BLACKTHORN	7S	0	HEL	.20	5
86E	ORISKANY-BLACKTHORN COMPLEX, 35 TO 55 PERCENT SLOPES, VERY STONY	1	ORISKANY	7S	0	HEL	.15	5
86E	ORISKANY-BLACKTHORN COMPLEX, 35 TO 55 PERCENT SLOPES, VERY STONY	2	BLACKTHORN	7S	0	HEL	.20	5
115C	LAIDIG COBBLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	LAIDIG	3E	0	HEL	.28	4

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115D	L Aidig Cobble Fine Sandy Loam, 15 to 35 Percent Slopes	1	Laidig	6E	0	HEL	.28	4
135C	Gilpin Channery Silt Loam, 7 to 15 Percent Slopes	1	Gilpin	3E	0	HEL	.24	3
135D	Gilpin Channery Silt Loam, 15 to 25 Percent Slopes	1	Gilpin	4E	0	HEL	.24	3
150A	Derroc Cobble Fine Sandy Loam, 0 to 5 Percent Slopes, Occasionally Flooded	1	Derroc	2S	0	PHel	.17	3
215A	Purdy Silt Loam, 0 to 5 Percent Slopes	1	Purdy	4W	0	PHel	.43	5
220B	Shottower Cobble Loam, 2 to 7 Percent Slopes	1	Shottower	3S	0	PHel	.24	5
220C	Shottower Cobble Loam, 7 to 15 Percent Slopes	1	Shottower	4S	0	HEL	.24	5
220D	Shottower Cobble Loam, 15 to 25 Percent Slopes	1	Shottower	6S	0	HEL	.24	5
222C	Tumbling Cobble Loam, 7 to 15 Percent Slopes	1	Tumbling	4S	0	HEL	.22	5
222D	Tumbling Cobble Loam, 15 to 35 Percent Slopes	1	Tumbling	7S	0	HEL	.22	5
224B	Escatawba Loam, 2 to 7 Percent Slopes	1	Escatawba	2E	1	PHel	.32	3
224C	Escatawba Loam, 7 to 15 Percent Slopes	1	Escatawba	3E	0	HEL	.32	3
224D	Escatawba Loam, 15 to 35 Percent Slopes	1	Escatawba	6E	0	HEL	.32	3
235F	Rough-Rock Outcrop Complex, 45 to 90 Percent Slopes	1	Rough		0	HEL	.20	2
235F	Rough-Rock Outcrop Complex, 45 to 90 Percent Slopes	2	Rock Outcrop	8S	0	HEL		
298C	DeKalb-Bolton-Caneyville Complex, 7 to 15 Percent Slopes, Very Stony	1	DeKalb	6S	0	HEL	.17	2
298C	DeKalb-Bolton-Caneyville Complex, 7 to 15 Percent Slopes, Very Stony	2	Bolton	3E	0	HEL	.28	4
298C	DeKalb-Bolton-Caneyville Complex, 7 to 15 Percent Slopes, Very Stony	3	Caneyville	3E	0	HEL	.43	3
298D	DeKalb-Bolton-Blackthorn Complex, 15 to 35 Percent Slopes, Very Stony	1	DeKalb	7S	0	HEL	.17	2
298D	DeKalb-Bolton-Blackthorn Complex, 15 to 35 Percent Slopes, Very Stony	2	Bolton	6E	0	HEL	.28	4
298D	DeKalb-Bolton-Blackthorn Complex, 15 to 35 Percent Slopes, Very Stony	3	Blackthorn	7S	0	HEL	.20	5
298E	DeKalb-Bolton-Blackthorn Complex, 35 to 55 Percent Slopes, Very Stony	1	DeKalb	7S	0	HEL	.17	2
298E	DeKalb-Bolton-Blackthorn Complex, 35 to 55 Percent Slopes, Very Stony	2	Bolton		0	HEL	.28	4
298E	DeKalb-Bolton-Blackthorn Complex, 35 to 55 Percent Slopes, Very Stony	3	Blackthorn	7S	0	HEL	.20	5
298F	DeKalb-Bolton-Blackthorn Complex, 55 to 80 Percent Slopes, Very Stony	1	DeKalb	7S	0	HEL	.17	2
298F	DeKalb-Bolton-Blackthorn Complex, 55 to 80 Percent Slopes, Very Stony	2	Bolton		0	HEL	.28	4
298F	DeKalb-Bolton-Blackthorn Complex, 55 to 80 Percent Slopes, Very Stony	3	Blackthorn		0	HEL	.20	5
299C	Calvin-DeKalb Complex, 7 to 15 Percent Slopes	1	Calvin	4S	0	HEL	.20	3
299C	Calvin-DeKalb Complex, 7 to 15 Percent Slopes	2	DeKalb	6S	0	HEL	.17	2
299D	Calvin-DeKalb Complex, 15 to 35 Percent Slopes, Very Stony	1	Calvin		0	HEL	.15	3
299D	Calvin-DeKalb Complex, 15 to 35 Percent Slopes, Very Stony	2	DeKalb	7S	0	HEL	.17	2
299E	Calvin-DeKalb Complex, 35 to 55 Percent Slopes, Very Stony	1	Calvin		0	HEL	.15	3
299E	Calvin-DeKalb Complex, 35 to 55 Percent Slopes, Very Stony	2	DeKalb	7S	0	HEL	.17	2
299F	Calvin-DeKalb-Rock Outcrop Complex, 55 to 90 Percent Slopes	1	Calvin		0	HEL	.20	3
299F	Calvin-DeKalb-Rock Outcrop Complex, 55 to 90 Percent Slopes	2	DeKalb	7S	0	HEL	.17	2
299F	Calvin-DeKalb-Rock Outcrop Complex, 55 to 90 Percent Slopes	3	Rock Outcrop	8S	0	HEL		
335D	Berks Channery Silt Loam, 15 to 35 Percent Slopes	1	Berks	6E	0	HEL	.17	3
335E	Berks Channery Silt Loam, 35 to 55 Percent Slopes	1	Berks	7E	0	HEL	.17	3

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335F	BERKS-WEIKERT COMPLEX, 55 TO 80 PERCENT SLOPES	1	BERKS	7E	0	HEL	.17	3
335F	BERKS-WEIKERT COMPLEX, 55 TO 80 PERCENT SLOPES	2	WEIKERT	7E	0	HEL	.28	2
435D	WURNO-DANDRIDGE COMPLEX, 15 TO 35 PERCENT SLOPES	1	WURNO	6E	0	HEL	.28	2
435D	WURNO-DANDRIDGE COMPLEX, 15 TO 35 PERCENT SLOPES	2	DANDRIDGE	6E	0	HEL	.17	2
435E	WURNO-DANDRIDGE COMPLEX, 35 TO 55 PERCENT SLOPES	1	WURNO	6E	0	HEL	.28	2
435E	WURNO-DANDRIDGE COMPLEX, 35 TO 55 PERCENT SLOPES	2	DANDRIDGE	7E	0	HEL	.17	2
435F	DANDRIDGE-WURNO COMPLEX, 55 TO 80 PERCENT SLOPES	1	DANDRIDGE	7E	0	HEL	.17	2
435F	DANDRIDGE-WURNO COMPLEX, 55 TO 80 PERCENT SLOPES	2	WURNO	6E	0	HEL	.28	2

**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.