GILLIAM COUNTY HEL LIST

OR-021

SYMBOL	MAP UNIT NAME	K	T	AVE R	LSmax	EI	HEL CLASS	C	I	EI	HEL CLASS
		WATER EROSION FACTORS						WIND EROSION FACTORS			
1 D	Bakeoven very cobbly loam, 2 to 20 percent slopes	0.15	1	30	2.85	12.8	1	0.25	0	0	3
2 D	Bakeoven-Condon complex, 2 to 20 percent slopes							0.25			
2D	Bakeoven component	0.15	1	35	2.85	15.0	1	0.25	0	0	3
2D	Condon component	0.43	2	35	2.85	21.4	1	0.25	56	7	3
3 D	Bakeoven-Morrow complex, 2 to 20 percent slopes							0.25			
3D	Bakeoven component	0.15	1	30	2.85	12.8	1	0.25	0	0	3
3D	Morrow component	0.37	2	30	2.85	15.8	1	0.25	48	6	3
4 C	Blalock loam, 2 to 12 percent slopes	0.43	1	10	2.2	9.5	1	0.50	48	24	1
5 B	Condon and Valby silt loams, 1 to 7 percent slopes							0.25			
5B	Condon component	0.43	2	35	1.56	11.7	1	0.25	56	7	3
5B	Valby component	0.43	2	35	1.56	11.7	1	0.25	56	7	3
5 C	Condon and Valby silt loams, 7 to 12 percent slopes							0.25			
5C	Condon component	0.43	2	35	2.67	20.1	1	0.25	56	7	3
5C	Valby component	0.43	2	35	2.67	20.1	1	0.25	56	7	3
6 D	Condon and Valby silt loams,12 to 20 percent north slopes							0.25			
6D	Condon component	0.43	2	35	3.24	24.4	1	0.25	56	7	3
6D	Valby component	0.43	2	35	3.24	24.4	1	0.25	56	7	3
6 E	Condon and Valby silt loams, ~~12~~ 20 to 35 percent north slopes				4.31	32.4		0.25			
6E	Condon component	0.43	2	35	~~3.72~~	~~29.6~~	1	0.25	56	7	3
6E	Valby component	0.43	2	35	4.31 ~~3.72~~	~~29.5~~ 32.4	1	0.25	56	7	3
7 D	Condon and Valby silt loams, 12 to 20 percent south slopes							0.25			
7D	Condon component	0.43	2	35	3.24	24.4	1	0.25	56	7	3
7D	Valby component	0.43	2	35	3.24	24.4	1	0.25	56	7	3
7 E	Condon and Valby silt loams, 20 to 30 percent south slopes							0.25			
7E	Condon component	0.43	2	35	4.12	31.0	1	0.25	56	7	3
7E	Valby component	0.43	2	35	4.12	31.0	1	0.25	56	7	3
8	Dune land*	0.37	5	10	1.34	1.0	3	0.50	310	31	1
9 E	Gwinly very cobbly silt loam, 7 to 40 percent slopes	0.17	1	25	3.92	16.7	1	0.30	0	0	3
10 F	Gwinly-Rock outcrop complex, 40 to 70 percent slopes							0.30			
10F	Gwinly component	0.17	1	25	5.04	21.4	1	0.30	0	0	3
10F	Rock outcrop component	0.1	5	25	5.04	2.5	3	0.30	0	0	3
11	Hermiston silt loam	0.37	5	10	1.16	0.9	3	0.30	56	3.36	3
12 F	Kahler silt loam, bedrock substratum, 35 to 70 percent slopes	0.37	3	30	5.04	18.6	1	0.10	48	1.6	3
13	Kimberly fine sandy loam	0.32	5	20	1.16	1.5	3	0.40	86	6.88	3
14 B	Krebs silt loam. 2 to 5 percent slopes	0.32	4	10	1.56	1.2	3	0.50	48	6	3
14 D	Krebs silt loam. 5 to 20 percent slopes	0.32	4	10	3.17	2.5	3	0.50	48	6	3
14 E	Krebs silt loam. 20 to 40 percent slopes	0.32	4	10	4.5	3.6	3	0.50	48	6	3
15 E	Lickskillet very stony loam, 7 to 40 percent slopes	0.2	1	25	3.92	19.6	1	0.30	0	0	3
16 F	Lickskillet-Rock outcrop complex, 40 to 70 percent slopes							0.30			
16F	Lickskillet component	0.2	1	25	5.04	25.2	1	0.30	0	0	3
16F	Rock outcrop component	0.1	5	25	5.04	2.5	3	0.30	0	0	3
17 B	Mikkalo silt loam, 2 to 7 percent slopes	0.43	2	20	1.83	7.9	3	0.40	56	11.2	1
17 C	Mikkalo silt loam, 7 to 12 percent slopes	0.43	2	20	2.67	11.5	1	0.40	56	11.2	1
17 D	Mikkalo silt loam, 12 to 20 percent slopes	0.43	2	20	3.24	13.9	1	0.40	56	11.2	1
17 E	Mikkalo silt loam, 20 to 40 percent slopes	0.43	2	20	4.5	19.4	1	0.40	56	11.2	1
18 B	Morrow silt loam, 1 to 7 percent slopes	0.37	2	30	1.56	8.7	1	0.25	48	6	3
18 C	Morrow silt loam, 7 to 12 percent slopes	0.37	2	30	2.67	14.8	1	0.25	48	6	3
19 D	Morrow silt loam, 12 to 20 percent north slopes	0.37	2	30	3.24	18.0	1	0.25	48	6	3
19 E	Morrow silt loam, 20 to 35 percent north slopes	0.37	2	30	4.31	23.9	1	0.25	48	6	3
20 D	Morrow silt loam, 12 to 20 percent south slopes	0.37	2	30	3.24	18.0	1	0.25	48	6	3
21 E	Morrow-Lickskillet complex, 20 to 30 percent slopes							0.25			

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21E	Morrow component	0.37	2	30	4.12	22.9	1	0.25	48	6	3
21E	Lickskillet component	0.2	1	30	4.12	24.7	1	0.25	0	0	3
22 F	Nansene silt loam, 35 to 70 percent slopes	0.43	5	25	5.04	10.8	1	0.30	56	3.36	3
23 B	Olex silt loam, 0 to 5 percent slopes	0.49	2	10	1.34	3.3	3	0.50	56	14	1
23 C	Olex silt loam, 5 to 12 percent slopes	0.49	2	10	2.48	6.1	3	0.50	56	14	1
23 D	Olex silt loam, 12 to 20 percent slopes	0.49	2	10	3.24	7.9	3	0.50	56	14	1
24 D	Olex gravelly silt loam, 5 to 20 percent slopes	0.37	2	10	3.17	5.9	3	0.50	56	14	1
24 E	Olex gravelly silt loam, 20 to 40 percent slopes	0.37	2	10	4.5	8.3	1	0.50	56	14	1
25 D	Olex-Roloff complex, 5 to 20 percent slopes							0.50			
25D	Olex component	0.37	2	10	3.17	5.9	3	0.50	56	14	1
25D	Roloff component	0.43	2	10	3.17	6.8	3	0.50	56	14	1
26	Powder silt loam	0.37	5	20	1.16	1.7	3	0.40	56	4.48	3
27 B	Prosser-Rock outcrop complex, 1 to 5 percent slopes							0.50			
27B	Prosser component	0.43	2	10	1.34	2.9	3	0.50	56	14	1
27B	Rock outcrop component	0.1	5	10	1.34	0.3	3	0.50	0	0	3
28 B	Quincy loamy fine sand, 0 to 5 percent slopes	0.17	5	10	1.34	0.5	3	0.50	134	13.4	1
29 D	Quincy-Rock outcrop complex, 1 to 20 percent slopes							0.50			
29D	Quincy component	0.17	5	10	2.67	0.9	3	0.50	134	13.4	1
29D	Rock outcrop component	0.1	5	10	2.67	0.5	3	0.50	0		
30 B	Rhea silt loam, 1 to 7 percent slopes	0.43	5	25	1.56	3.4	3	0.25	56	2.8	3
30 C	Rhea silt loam, 7 to 12 percent slopes	0.43	5	25	2.67	5.7	3	0.25	56	2.8	3
30 D	Rhea silt loam, 12 to 20 percent slopes	0.43	5	25	3.24	7.0	3	0.25	56	2.8	3
30 E	Rhea silt loam, 20 to 40 percent slopes	0.43	5	25	4.5	9.7	1	0.25	56	2.8	3
31 B	Ritzville very fine sandy loam, 2 to 7 percent slopes	0.49	5	10	1.83	1.8	3	0.50	86	8.6	1
31 C	Ritzville very fine sandy loam, 7 to 12 percent slopes	0.49	5	10	2.67	2.6	3	0.50	86	8.6	1
31 D	Ritzville very fine sandy loam, 12 to 20 percent slopes	0.49	5	10	3.24	3.2	3	0.50	86	8.6	1
31 E	Ritzville very fine sandy loam, 20 to 40 percent slopes	0.49	5	10	4.5	4.4	3	0.50	86	8.6	1
32 A	Ritzville silt loam, 0 to 2 percent slopes	0.43	5	20	0.8	1.4	3	0.40	56	4.48	3
32 B	Ritzville silt loam, 2 to 7 percent slopes	0.43	5	20	1.83	3.1	3	0.40	56	4.48	3
32 C	Ritzville silt loam, 7 to 12 percent slopes	0.43	5	20	2.67	4.6	3	0.40	56	4.48	3
32 D	Ritzville silt loam, 12 to 20 percent slopes	0.43	5	20	3.24	5.6	3	0.40	56	4.48	3
33 E	Ritzville silt loam, 20 to 40 percent north slopes	0.43	5	20	4.5	7.7	3	0.40	56	4.48	3
34 E	Ritzville silt loam, 20 to 40 prcent south slopes	0.43	5	20	4.5	7.7	3	0.40	56	4.48	3
35	Riverwash	0.1	5	25	1.34	0.7	3	0.50	0	0	3
36 F	Rock outcrop-Rubble land complex, very steep							0.30			
36F	Rock outcrop component	0.1	5	25	4.84	2.4	3	0.30	0	0	3
36F	Rubble land component	0.1	5	25	4.84	2.4	3	0.30	0	0	3
37 D	Rockly very cobbly loam, 2 to 20 percent slopes	0.1	1	40	2.85	11.4	1	0.15	0	0	3
38 A	Roloff silt loam, 0 to 2 percent slopes	0.43	2	10	0.8	1.7	3	0.50	56	14	1
38 B	Roloff silt loam, 2 to 7 percent slopes	0.43	2	10	1.83	3.9	3	0.50	56	14	1
38 C	Roloff silt loam, 7 to 12 percent slopes	0.43	2	10	2.67	5.7	3	0.50	56	14	1
39 D	Roloff-Rock outcrop complex, 1 to 20 percent slopes							0.50			
39D	Roloff component	0.43	2	10	2.67	5.7	3	0.50	56	14	1
39D	Rock outcrop component	0.1	5	10	2.67	0.5	3	0.50	0	0	3
40 B	Sagehill fine sandy loam, 2 to 5 percent slopes	0.32	5	10	1.56	1.0	3	0.50	86	8.6	1
40 C	Sagehill fine sandy loam, 5 to 12 percent slopes	0.32	5	10	2.48	1.6	3	0.50	86	8.6	1
40 D	Sagehill fine sandy loam, 12 to 20 percent slopes	0.32	5	10	3.24	2.1	3	0.50	86	8.6	1
40 E	Sagehill fine sandy loam, 20 to 40 percent slopes	0.32	5	10	4.5	2.9	3	0.50	86	8.6	1
41 B	Sagehill fine sandy loam, hummocky, 2 to 5 percent slopes	0.32	5	10	1.56	1.0	3	0.50	86	8.6	1
41 C	Sagehill fine sandy loam, hummocky, 5 to 12 percent slopes	0.32	5	10	2.48	1.6	3	0.50	86	8.6	1
42 B	Schrier silt loam, shaly substratum, 2 to 7 percent slopes	0.37	4	30	1.83	5.1	3	0.10	48	1.2	3

GILLIAM COUNTY HEL LIST

SYMBOL	MAP UNIT NAME	WATER EROSION FACTORS K	T	AVE R	LSmax	EI	HEL CLASS	WIND EROSION FACTORS C	I	EI	HEL CLASS
42 C	Schrier silt loam, shaly substratum, 7 to 12 percent slopes	0.37	4	30	2.67	7.4	3	0.10	48	1.2	3 ~~1~~
43 E	Simas very stony silt loam, 7 to 40 percent south slopes	0.2	2	30	3.92	11.8	1	0.10	0	0	1
44	Stanfield fine sandy loam	0.28	3	10	1.16	1.1	3	0.50	86	14.3	1
45 B	Taunton loamy fine sand, 2 to 5 percent slopes	0.24	2	10	1.56	1.9	3	0.50	134	33.5	1
46 C	Tub gravelly clay loam, 1 to 12 percent slopes	0.28	2	30	2.2	9.2	1	0.10	38	1.9	3
46 E	Tub stony silty clay loam, 12 to 40 percent slopes	0.28	2	30	4.12	17.3	1	0.10	38	1.9	3
47 C	Ukiah cobbly silty clay loam, 2 to 12 percent slopes	0.2	2	30	2.2	6.6	3	0.10	38	1.9	3
47 E	Ukiah cobbly silty clay loam, 12 to 35 percent slopes	0.2	2	30	3.92	11.8	1	0.10	38	1.9	3
48 B	Waha silt loam, 1 to 7 percent slopes	0.32	2	40	1.56	10.0	1	0.15	56	4.2	3
49 D	Waha silt loam, 7 to 25 percent north slopes	0.32	2	40	3.24	20.7	1	0.15	56	4.2	3
49 E	Waha silt loam, 25 to 40 percent north slopes	0.32	2	40	4.42	28.3	1	0.15	56	4.2	3
50 D	Waha silt loam, 7 to 25 percent south slopes	0.32	2	40	3.24	20.7	1	0.15	56	4.2	3
51 D	Waha-Rockly complex, 2 to 20 percent slopes							0.15			
51D	Waha component	0.32	2	40	2.85	18.2	1	0.15	56	4.2	3
51D	Rockly component	0.1	1	40	2.85	11.4	1	0.15	0	0	3
52 B	Walla Walla silt loam, 1 to 7 percent slopes	0.43	5	25	1.56	3.4	3	0.15	56	1.68	3
52 C	Walla Walla silt loam, 7 to 12 percent slopes	0.43	5	25	2.67	5.7	3	0.15	56	1.68	3
53 D	Walla Walla silt loam, 12 to 20 percent north slopes	0.43	5	25	3.24	7.0	3	0.15	56	1.68	3
53 E	Walla Walla silt loam, 20 to 35 percent north slopes	0.43	5	25	4.31	9.3	1	0.15	56	1.68	3
54 D	Walla Walla silt loam, 12 to 20 percent south slopes	0.43	5	25	3.24	7.0	3	0.15	56	1.68	3
54 E	Walla Walla silt loam, 20 to 35 percent south slopes	0.43	5	25	4.31	9.3	1	0.15	56	1.68	3
55 B	Warden silt loam, 2 to 5 percent slopes	0.43	5	10	1.56	1.3	3	0.50	56	5.6	3
55 C	Warden silt loam, 5 to 12 percent slopes	0.43	5	10	2.48	2.1	3	0.50	56	5.6	3
55 D	Warden silt loam, 12 to 20 percent slopes	0.43	5	10	3.24	2.8	3	0.50	56	5.6	3
55 E	Warden silt loam, 20 to 40 percent slopes	0.43	5	10	4.5	3.9	3	0.50	56	5.6	3
56 B	Willis silt loam, 2 to 5 percent slopes	0.43	2	10	1.56	3.4	3	0.50	56	14	1
56 C	Willis silt loam, 5 to 12 percent slopes	0.43	2	10	2.48	5.3	3	0.50	56	14	1
56 D	Willis silt loam, 12 to 20 percent slopes	0.43	2	10	3.24	7.0	3	0.50	56	14	1
56 E	Willis silt loam, 20 to 30 percent slopes	0.43	2	10	4.12	8.9	1	0.50	56	14	1
57 F	Wrentham-Rock outcrop complex, 35 to 70 percent slopes							0.30			
57F	Wrentham component	0.37	2	25	5.04	23.3	1	0.30	38	5.7	3
57F	Rock outcrop component	0.1	5	25	5.04	2.5	3	0.30	0	0	3
58	Xeric Torrifluvents, nearly level	0.37	5	20	1.34	2.0	3	0.40	86	6.88	3