

HEL Frozen Soils List for Water Erosion Pre-1990 Rota, Saipan, and Tinian Commonwealth of the Northern Mariana Islands

Highly Erodible Land Classes:

Class 1 = HEL (Highly Erodible Land)

Class 2 = Potentially HEL

Class 3 = NHEL (Non-HEL)

Soil Map Unit Number	Soil Map Unit Name	K Factor	Soil Loss Tolerance (T) Value	HEL Class
1	Agfayan variant-Rock outcrop complex, 15 to 30 percent slopes	0.2	1	1
2	Agfayan variant-Rock outcrop complex, 30 to 60 percent slopes	0.2	1	1
3	Akina-Badland complex, 15 to 30 percent slopes	0.2	3	1
4	Akina-Badland complex, 30 to 60 percent slopes	0.2	3	1
5	Banaderu clay loam, 3 to 5 percent slopes	0.2	1	1
6	Banaderu clay loam, 3 to 5 percent slopes	0.2	1	1
7	Banaderu-Rock outcrop complex, 5 to 15 percent slopes	0.2	1	1
8	Banaderu-Rock outcrop complex, 15 to 30 percent slopes	0.2	1	1
9	Chacha clay, drained, 0 to 5 percent slopes	0.15	3	2
10	Chinen clay loam, 0 to 5 percent slopes	0.15	1	2
11	Chinen clay loam, 5 to 15 percent slopes	0.15	1	1
12	Chinen clay loam, 15 to 30 percent slopes	0.15	1	1
13	Chinen very gravelly sandy loam, 0 to 5 percent slopes	0.1	1	2
14	Chinen very gravelly sandy loam, 5 to 15 percent slopes	0.1	1	1
15	Chinen-Rock outcrop complex, 3 to 15 percent slopes	0.15	1	1
16	Chinen-Rock outcrop complex, 15 to 30 percent slopes	0.15	1	1
17	Chinen-Urban land complex, 0 to 5 percent slopes	0.15	1	2
18	Chinen-Urban land complex, 5 to 15 percent slopes	0.15	1	1
19	Dandan-Chinen complex, 0 to 5 percent slopes	0.15	2	2
20	Dandan-Chinen complex, 5 to 15 percent slopes	0.15	2	2
21	Dandan-Chinen-Pits complex, 0 to 5 percent slopes	0.15	2	2
22	Dandan-Chinen-Pits complex, 5 to 15 percent slopes	0.15	2	2
23	Dandan-Saipan clays, 0 to 5 percent slopes	0.15	2	2
24	Dandan-Saipan clays, 5 to 15 percent slopes	0.15	2	2
25	Inarajan clay, 0 to 5 percent slopes	0.24	5	3
26	Kagman clay, 0 to 5 percent slopes	0.15	5	2
27	Kagman clay, 5 to 15 percent slopes	0.15	5	2
28	Kagman very gravelly sandy loam, 0 to 5 percent slopes	0.05	5	3
29	Kagman-Urban land complex, 0 to 5 percent slopes	0.15	5	2
30	Laolao clay, 0 to 5 percent slopes	0.15	4	2
31	Laolao clay, 5 to 15 percent slopes	0.15	4	2
32	Laolao clay, 15 to 30 percent slopes	0.15	4	1
33	Laolao clay, 30 to 60 percent slopes	0.15	4	1
34	Luta cobbly clay loam, 0 to 5 percent slopes	0.1	1	2
35	Luta cobbly clay loam, 5 to 15 percent slopes	0.1	1	1
36	Luta cobbly clay loam, moist, 0 to 5 percent slopes	0.1	1	2
37	Luta cobbly clay loam, moist, 5 to 15 percent slopes	0.1	1	1
38	Luta-Rock outcrop complex, 0 to 5 percent slopes	0.1	1	2
39	Luta-Rock outcrop complex, 5 to 15 percent slopes	0.1	1	1
40	Luta-Rock outcrop complex, 15 to 30 percent slopes	0.1	1	1
41	Mesei variant muck, 0 to 2 percent slopes	0.05	1	3
42	Rock outcrop-Takpochao complex, 60 to 99 percent slopes	0.1	1	1
43	Saipan clay, 0 to 5 percent slopes	0.15	5	2

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44	Saipan clay, 5 to 15 percent slopes	0.15	5	2
45	Saipan very gravelly sandy loam, 0 to 5 percent slopes	0.02	5	3
46	Saipan very gravelly sandy loam, 5 to 15 percent slopes	0.02	5	3
47	Saipan-Rock outcrop complex, 0 to 5 percent slopes	0.15	5	2
48	Shioya loamy sand, 0 to 3 percent slopes	0.15	5	3
49	Shioya-Urban land complex, 0 to 3 percent slopes	0.15	5	3
50	Takpochao-Rock outcrop complex, 3 to 15 percent slopes	0.1	1	1
51	Takpochao-Rock outcrop complex, 15 to 30 percent slopes	0.1	1	1
52	Takpochao-Rock outcrop complex, 30 to 60 percent slopes	0.1	1	1
53	Takpochao variant-Shioya complex, 1 to 10 percent slopes	0.05	1	2
54	Shioya	0.15	5	3