

HEL Frozen Soils List for Water Erosion Pre-1990 Tutuila Island, American Samoa

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	Aua very stony clay loam, 15 to 30 percent slopes	0.17	5	1
2	Aua very stony clay loam, 30 to 60 percent slopes	0.17	5	1
3	Fagasa-Ofu silty clays, 30 to 60 percent slopes (Fagasa)	0.1	3	1
4	Fagasa Family-Lithic Hapludolls-Rock Outcrop Association, very steep	0.1	3	2
5	Ilili extremely stony mucky clay loam, 3 to 15 percent slopes	0.05	1	2
6	Insak mucky sandy loam	0.05	3	3
7	Insak variant clay loam	0.1	3	3
8	Leafu silty clay, 0 to 3 percent slopes	0.17	5	2
9	Leafu stony silty clay, 0 to 3 percent slopes	0.17	5	2
10	Mesei variant peat	0.05	5	3
11	Ngedebus mucky sand	0.05	5	3
12	Ngedebus variant extremely cobbly sand, 0 to 5 percent slopes	0.02	5	3
13	Ngerungor variant mucky peat	0.05	5	3
14	Ofu silty clay, 15 to 40 percent slopes	0.1	5	1
15	Ofu silty clay, 40 to 70 percent slopes	0.1	5	1
16	Ofu variant silty clay, 6 to 20 percent slopes	0.1	4	2
17	Ofu variant silty clay, 20 to 40 percent slopes	0.1	4	1
18	Ofu Variant-Rock Outcrop Complex, 40 to 70 percent slopes	0.1	4	1
19	Oloava silty clay loam, 6 to 12 percent slopes	0.1	2	1
20	Oloava silty clay loam, 12 to 25 percent slopes	0.1	2	1
21	Oloava silty clay loam, 40 to 100 percent slopes	0.1	2	1
22	Olotania Family, 15 to 40 percent slopes	0.05	5	1
23	Pavaiai stony clay loam, 6 to 12 percent slopes	0.1	2	1
24	Pavaiai stony clay loam, 12 to 25 percent slopes	0.1	2	1
25	Pavaiai stony clay loam, 25 to 40 percent slopes	0.1	2	1
26	Puapua-Rock Outcrop Complex, 40 to 100 percent slopes	0.1	2	1
27	Rock Outcrop-Hydrandepts-Dystrandepts Association, very steep	0.05	2	1
28	Sogi-Puapua clay loams, 0 to 6 percent slopes	0.1	2	2
29	Sogi-Puapua clay loams, 6 to 20 percent slopes	0.1	2	1
30	Sogi-Puapua clay loams, 20 to 40 percent slopes	0.1	2	1
31	Sogi-variant-Pavaiai Association, 15 to 50 percent slopes	0.1	2	1
32	Tafuna extremely stony muck, 3 to 15 percent slopes	0.02	1	2
33	Troportents, 0 to 6 percent slopes	xxx	xxx	3
34	Urban land-Aua-Leafu complex, 0 to 30 percent slopes	0.17	5	1
35	Urban land-Ngedebus complex	0.1	5	3