

HEL List for AK646; Chatham Area, Alaska

R Value =125; C Value = 1

Mapunit Symbol	Mapunit Name	HEL Water (R = 125)	HEL Wind
11	Rock outcrop and Lithic Cryorthent soils, rugged summit, 36 to 140 percent slopes	N/A	N/A
12A	Lithic Cryosaprists, Alpine, and Rock outcrop soils, 0 to 35 percent slopes	PHL	NHEL
12S	Spodosols and Lithic Cryosaprist soils, alpine, 36 to 120 percent slopes	HEL	NHEL
13	Glaciers	N/A	N/A
21	Entic Cryumbrept and Lithic Cryorthent soils, 76 to 140 percent slopes	HEL	NHEL
31H	McGilvery, Lithic Humicryod, and Rock outcrop soils, 76 to 140 percent slopes	HEL	NHEL
31JC	Typic Humicryod and Typic Haplocryod soils, deeply incised, 36 to 55 percent slopes	HEL	NHEL
31JD	Typic Humicryods-McGilvery association, deeply incised, 56 to 75 percent slopes	HEL	NHEL
31JE	Typic Humicryods-McGilvery association, deeply incised, 76 to 120 percent slopes	HEL	NHEL
31KC	Typic Cryaquods-Typic Humicryods association, deeply incised, 36 to 55 percent slopes	HEL	NHEL
31KD	Typic Cryaquods-Typic Humicryods-McGilvery association, deeply incised, 56 to 75 percent slopes	HEL	NHEL
31KE	Typic Cryaquods-Typic Humicryods-McGilvery association, 76 to 120 percent slopes	HEL	NHEL
31ND	McGilvery-Lithic Humicryods-Typic Humicryods complex, deeply incised, 56 to 75 percent slopes	HEL	NHEL
31NE	McGilvery-Lithic Humicryods complex, deeply incised, 76 to 120 percent slopes	HEL	NHEL
31PD	Lithic Cryosaprist-Lithic Cryaquods complex, deeply incised, 56 to 75 percent slopes	HEL	NHEL
31SC	Spodosols, deeply incised, 36 to 55 percent slopes	HEL	NHEL
31SD	Spodosols and McGilvery soils, deeply incised, 56 to 75 percent slopes	HEL	NHEL
31SE	Spodosols and McGilvery soils, deeply incised, 76 to 140 percent slopes	HEL	NHEL
32JC	Typic Humicryod and Typic Haplocryod soils, shallowly incised, 3 to 55 percent slopes	HEL	NHEL
32JD	Typic Humicryods-McGilvery association, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
32JE	Typic Humicryods-McGilvery association, shallowly incised, 76 to 120 percent slopes	HEL	NHEL
32KC	Typic Cryaquods-Typic Humicryods association, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
32KD	Typic Cryaquods-Typic Humicryods-McGilvery association, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
32NC	McGilvery-Lithic Humicryods-Typic Humicryods complex, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
32ND	McGilvery-Lithic Humicryods-Typic Humicryods complex, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
32NE	McGilvery-Lithic Humicryods complex, shallowly incised, 76 to 120 percent slopes	HEL	NHEL
32PC	Lithic Cryosaprists-Lithic Cryaquods complex, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
32PD	Lithic Cryosaprists-Lithic Cryaquods, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
32SC	Spodosols, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
32SD	Spodosols and McGilvery soils, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
32SE	Spodosols and McGilvery soils, shallowly incised, 76 to 140 percent slopes	HEL	NHEL
35JC	Typic Humicryod and Typic Haplocryod soils, smooth, 36 to 55 percent slopes	HEL	NHEL
35JD	Typic Humicryods-McGilvery association, smooth, 56 to 75 percent slopes	HEL	NHEL
35JE	Typic Humicryods-McGilvery association, smooth, 76 to 120 percent slopes	HEL	NHEL
35KC	Typic Cryaquods-Typic Humicryods association, smooth, 36 to 55 percent slopes	HEL	NHEL
35KD	Typic Cryaquods-Typic Humicryods-McGilvery association, smooth, 56 to 75 percent slopes	HEL	NHEL
35ND	McGilvery-Lithic Humicryods-Typic Humicryods complex, smooth, 56 to 75 percent slopes	HEL	NHEL
35NE	McGilvery-Lithic Humicryods complex, smooth, 76 to 120 percent slopes	HEL	NHEL
35PC	Lithic Cryosaprists-Lithic Cryaquods complex, smooth, 36 to 55 percent slopes	HEL	NHEL
35PD	Lithic Cryosaprists-Lithic Cryaquods complex, smooth, 56 to 75 percent slopes	HEL	NHEL
35SC	Spodosols, smooth, 36 to 55 percent slopes	HEL	NHEL
35SD	Spodosols and McGilvery soils, smooth, 56 to 75 percent slopes	HEL	NHEL
35SE	Spodosols and McGilvery soils, smooth, 76 to 140 percent slopes	HEL	NHEL
36JC	Typic Humicryod and Typic Haplocryod soils, broken, 36 to 55 percent slopes	HEL	NHEL
36JD	Typic Humicryods-McGilvery association, broken, 56 to 75 percent slopes	HEL	NHEL
36KC	Typic Cryaquods-Typic Humicryods association, broken, 36 to 55 percent slopes	HEL	NHEL
36KD	Typic Cryaquods-Typic Humicryods-McGilvery association, broken, 56 to 75 percent slopes	HEL	NHEL
36NC	McGilvery-Lithic Humicryods-Typic Humicryods complex, broken, 36 to 55 percent slopes	HEL	NHEL
36ND	McGilvery-Lithic Humicryods-Typic Humicryods complex, broken, 56 to 75 percent slopes	HEL	NHEL
36NE	McGilvery-Lithic Humicryods complex, broken, 76 to 120 percent slopes	HEL	NHEL
36PC	Lithic Cryosaprist and Lithic Cryaquod soils, broken, 36 to 55 percent slopes	HEL	NHEL

36PD	Lithic Cryosaprist and Lithic Cryaquod soils, 56 to 75 percent slopes	HEL	NHEL
36SC	Spodosols, broken, 36 to 55 percent slopes	HEL	NHEL
36SD	Spodosols and McGilvery soils, broken, 56 to 75 percent slopes	HEL	NHEL
36SE	Spodosols and McGilvery soils, broken, 76 to 140 percent slopes	HEL	NHEL
36T	Lithic Cryosaprist, broken, 36 to 55 percent slopes	HEL	NHEL
37	Entic Cryumbrepts, McGilvery, and Rock outcrop soils, ravines and valley gorges, 76 to 140 percent slopes	HEL	NHEL
42G	Entisols, rolling hills, 0 to 35 percent slopes	HEL	NHEL
42KC	Typic Cryaquods-Typic Humicryods association, rolling hills, 36 to 55 percent slopes	HEL	NHEL
42KD	Typic Cryaquods-Typic Humicryods-McGilvery association, rolling hills, 56 to 75 percent slopes	HEL	NHEL
42NC	McGilvery-Lithic Humicryods-Typic Humicryods complex, rolling hills, 36 to 55 percent slopes	HEL	NHEL
42ND	McGilvery-Lithic Humicryods-Typic Humicryods complex, rolling hills, 56 to 75 percent slopes	HEL	NHEL
42P	Lithic Cryosaprist and Lithic Cryaquod soils, rolling hills, 36 to 55 percent slopes	HEL	NHEL
42T	Lithic Cryosaprist, rolling hills, 36 to 55 percent slopes	HEL	NHEL
44JC	Typic Humicryod and Typic Haplocryod soils, smooth hills, 36 to 55 percent slopes	HEL	NHEL
44JD	Typic Humicryods-McGilvery association, smooth hills, 56 to 75 percent slopes	HEL	NHEL
44JE	Typic Humicryods-McGilvery association, smooth hills, 76 to 120 percent slopes	HEL	NHEL
44KC	Typic Cryaquods-Typic Humicryods association, smooth hills, 36 to 55 percent slopes	HEL	NHEL
44KD	Typic Cryaquods-Typic Humicryods-McGilvery association, smooth hills, 56 to 75 percent slopes	HEL	NHEL
44NC	McGilvery-Lithic Humicryods-Typic Humicryods complex, smooth hills, 36 to 55 percent slopes	HEL	NHEL
44ND	McGilvery-Lithic Humicryods-Typic Humicryods complex, smooth, 56 to 75 percent slopes	HEL	NHEL
44NE	McGilvery-Lithic Humicryods complex, smooth hills, 76 to 120 percent slopes	HEL	NHEL
44PC	Lithic Cryosaprist-Lithic Cryaquods complex, smooth hills, 36 to 55 percent slopes	HEL	NHEL
44PD	Lithic Cryosaprist-Lithic Cryaquods complex, smooth hills, 56 to 75 percent slopes	HEL	NHEL
51J	Typic Humicryods, footslopes, 6 to 35 percent slopes	HEL	NHEL
51K	Typic Humicryods-Typic Cryaquods complex, 6 to 35 percent slopes	HEL	NHEL
51T	Cryochemists-Typic Cryaquods association, footslopes, 6 to 35 percent slopes	PHEL	NHEL
52G	Entisols, alluvial fans, 0 to 35 percent slopes	HEL	NHEL
52J	Typic Humicryods, dissected footslopes, 6 to 35 percent slopes	HEL	NHEL
52T	Cryochemists-Typic Cryaquods association, dissected footslopes, 6 to 35 percent slopes	PHEL	NHEL
52Y	Cryods-Cryofluvents complex, alluvial fans, 0 to 35 percent slopes	HEL	NHEL
53I	Cryofluvents-Riverwash association, 0 to 5 percent slopes	NHEL	NHEL
53M	Cryofibrists, 0 to 5 percent slopes	NHEL	NHEL
53R	Riverwash, 0 to 5 percent slopes	N/A	N/A
53W	Cryofluvents-Cryods complex, 0 to 5 percent slopes	NHEL	NHEL
53Y	Cryods-Cryofluvents complex, floodplains, 0 to 5 percent slopes	NHEL	NHEL
53Z	Typic Cryaquents-Cryofibrists association, floodplains, 0 to 5 percent slopes	NHEL	NHEL
61M	Cryochemists, sloping lowlands, 6 to 35 percent slopes	PHEL	NHEL
61T	Cryochemists-Typic Cryaquods association, sloping lowlands, 6 to 35 percent slopes	PHEL	NHEL
62F	Entisols-Cryods complex, flat lowlands, 0 to 5 percent slope	NHEL	NHEL
62G	Entisols, flat lowlands, 0 to 5 percent slopes	NHEL	NHEL
62M	Cryochemists, flat lowlands, 0 to 5 percent slopes	NHEL	NHEL
62T	Cryochemist and Cryosaprist soils, 0 to 5 percent slopes	NHEL	NHEL
62Z	Typic Cryaquents-Cryofibrists association, flat lowlands, 0 to 15 percent slopes	HEL	NHEL
63M	Cryochemists, rolling lowlands, 6 to 35 percent slopes	PHEL	NHEL
63P	Cryosaprist-Histic Cryaquepts association, 0 to 35 percent slopes	PHEL	NHEL
63T	Cryochemists-Typic Cryaquods association, rolling lowlands, 6 to percent slopes	PHEL	NHEL
71	Haplaquepts-Typic Cryaquents, sandy or sandy skeletal association, 0 to 5 percent slopes	NHEL	NHEL
72	Beaches, 0 to 5 percent slopes	N/A	N/A
73	Histic Cryaquepts-Lithic Haplocryods-Rock outcrop complex, 5 to 120 percent slopes	HEL	NHEL
74E	Typic Cryosamments, 0 to 5 percent slopes	NHEL	NHEL
1000	Unvegetated rock and talus	N/A	N/A
1201C	Rock outcrop and Lithic Cryorthent soils, rounded summit, 36 to 55 percent slopes	N/A	N/A
1204B	Tolstoi, Kaikli, and Lithic Cryorthent soils, alpine, rounded summit, 6 to 35 percent slopes	HEL	NHEL
1270B	Tolstoi and Kaikli soils, subalpine, 6 to 35 percent slopes	HEL	NHEL
1295C	Tolstoi, Mitkof, and Kupreanof soils, subalpine, rounded summit, 36 to 55 percent slopes	HEL	NHEL
3002E	Entic Cryumbrepts-Tolstoi-Kupreanof association, 76 to 140 percent slopes	HEL	NHEL
3003E	Tolstoi and Kaikli soils, alpine, 76 to 120 percent slopes	HEL	NHEL
3006E	Lithic Cryorthent-Entic Cryumbrept association, 76 to 140 percent slopes	HEL	NHEL
3037E	Tolstoi, McGilvery and Kupreanof soils, subalpine, 76 to 140 percent slopes	HEL	NHEL

3067E	McGilvery-Mosman-Rock outcrop complex, 76 to 140 percent slopes	HEL	NHEL
3071E	Tolstoi and Kupreanof soils, subalpine, 76 to 120 percent slopes	HEL	NHEL
3119D	Foad gravelly silt loam, deeply incised, 56 to 75 percent slopes	HEL	NHEL
3121D	Kupreanof gravelly silt loam, deeply incised, 56 to 75 percent slopes	HEL	NHEL
3124D	Foad-Traitors complex, deeply incised, 56 to 75 percent slopes	HEL	NHEL
3124E	Foad-Traitors complex, deeply incised, 76 to 120 percent slopes	HEL	NHEL
3125D	Kupreanof-Tolstoi complex, deeply dissected, 76 to 120 percent slopes	HEL	NHEL
3125E	Kupreanof-Tolstoi complex, deeply incised, 76 to 120 percent slopes	HEL	NHEL
3138D	Tolstoi, Kupreanof, and Peril soils, subalpine, deeply incised, 56 to 75 percent slopes	HEL	NHEL
3145C	Mitkof loam, deeply incised, 36 to 55 percent slopes	HEL	NHEL
3146C	Chuckriver-Snettisham complex, deeply incised, 36 to 55 percent slopes	HEL	NHEL
3148D	Verstovia-McGilvery complex, deeply incised, 56 to 75 percent slopes	HEL	NHEL
3148E	Verstovia-McGilvery complex, deeply incised, 76 to 120 percent slopes	HEL	NHEL
3149E	Tolstoi-Mosman-McGilvery complex, deeply incised, 76 to 120 percent slopes	HEL	NHEL
3150D	Traitors silt loam, deeply incised, 56 to 75 percent slopes	HEL	NHEL
3151D	Tolstoi-Mosman complex, deeply incised, 56 to 75 percent slopes	HEL	NHEL
3154E	Traitors-McGilvery complex, deeply incised, 76 to 120 percent slopes	HEL	NHEL
3162D	Mitkof-Tolstoi-Kaikli complex, deeply incised, 56 to 75 percent slopes	HEL	NHEL
3194C	Kaikli-St. Nicholas complex, deeply incised, 36 to 55 percent slopes	HEL	NHEL
3218D	Ulloa silt loam, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3219D	Foad gravelly silt loam, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3221D	Kupreanof gravelly silt loam, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3223D	Ulloa-Sarkar complex, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3224D	Foad-Traitors complex, shallowly incised, 56 to 75 percent slope	HEL	NHEL
3224E	Foad-Traitors complex, shallowly incised, 76 to 120 percent slopes	HEL	NHEL
3225D	Kupreanof-Tolstoi complex, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3225E	Kupreanof-Tolstoi complex, shallowly incised, 76 to 120 percent slopes	HEL	NHEL
3238D	Tolstoi, Kupreanof, and Peril soils, subalpine, shallowly incised 56 to 75 percent slopes	HEL	NHEL
3242C	Kaikli-Chuckriver complex, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
3243C	Nakwasina muck, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
3244C	Partofshikof silt loam, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
3245C	Mitkof loam, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
3246C	Chuckriver-Snettisham complex, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
3247C	Yakobi mucky silt loam, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
3248D	Verstovia-McGilvery complex, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3248E	Verstovia-McGilvery complex, shallowly incised, 76 to 120 percent slopes	HEL	NHEL
3249E	Tolstoi-Mosman-McGilvery complex, shallowly incised, 76 to 120 percent slopes	HEL	NHEL
3250D	Traitors silt loam, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3251D	Tolstoi-Mosman complex, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3253D	Sitka-Partofshikof complex, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3254E	Traitors-McGilvery complex, shallowly incised, 76 to 120 percent slopes	HEL	NHEL
3255D	Foad-Fordsterror complex, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3257D	Kupreanof-Mitkof complex, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3258D	Yakobi-Karta complex, 56 to 75 percent slopes	HEL	NHEL
3260D	Fordsterror-Traitors-Kaikli complex, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3262D	Mitkof-Tolstoi-Kaikli complex, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3271D	Tolstoi and Kupreanof soils, subalpine, shallowly incised, 56 to 75 percent slopes	HEL	NHEL
3294C	Kaikli-St. Nicholas complex, shallowly incised, 36 to 55 percent slopes	HEL	NHEL
3517D	Sitka fine sandy loam, smooth, 56 to 75 percent slopes	HEL	NHEL
3518D	Ulloa silt loam, smooth, 56 to 75 percent slopes	HEL	NHEL
3519D	Foad gravelly silt loam, smooth, 56 to 75 percent slopes	HEL	NHEL
3521D	Kupreanof gravelly silt loam, smooth, 56 to 75 percent slopes	HEL	NHEL
3523D	Ulloa-Sarkar complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3523E	Ulloa-Sarkar complex, smooth, 76 to 120 percent slopes	HEL	NHEL
3524D	Foad-Traitors complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3524E	Foad-Traitors complex, smooth, 76 to 120 percent slopes	HEL	NHEL
3525D	Kupreanof-Tolstoi complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3525E	Kupreanof-Tolstoi complex, smooth, 76 to 120 percent slopes	HEL	NHEL
3538D	Tolstoi, Kupreanof, and Peril soils, subalpine, smooth, 56 to 75 percent slopes	HEL	NHEL

3542C	Kaikli-Chuckriver complex, smooth, 36 to 55 percent slopes	HEL	NHEL
3543C	Nakwasina muck, smooth, 36 to 55 percent slopes	HEL	NHEL
3544C	Partofshikof silt loam, smooth, 36 to 55 percent slopes	HEL	NHEL
3545C	Mitkof loam, smooth, 36 to 55 percent slopes	HEL	NHEL
3546C	Chuckriver-Snettisham complex, smooth, 36 to 55 percent slopes	HEL	NHEL
3547C	Yakobi mucky silt loam, smooth, 36 to 55 percent slopes	HEL	NHEL
3548D	Verstovia-McGilvery complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3548E	Verstovia-McGilvery complex, smooth, 76 to 120 percent slopes	HEL	NHEL
3549E	Tolstoi-Mosman-McGilvery complex, smooth, 76 to 120 percent slopes	HEL	NHEL
3550D	Traitors silt loam, smooth, 56 to 75 percent slopes	HEL	NHEL
3551D	Tolstoi-Mosman complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3553D	Sitka-Partofshikof complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3554E	Traitors-McGilvery complex, smooth, 76 to 120 percent slopes	HEL	NHEL
3555C	Foad-Fordsterror complex, smooth, 36 to 55 percent slopes	HEL	NHEL
3555D	Foad-Fordsterror complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3557D	Kupreanof-Mitkof complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3558D	Yakobi-Karta complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3560D	Fordsterror-Traitors-Kaikli complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3562D	Mitkof-Tolstoi-Kaikli complex, smooth, 56 to 75 percent slopes	HEL	NHEL
3571D	Tolstoi and Kupreanof soils, subalpine, smooth, 56 to 75 percent slopes	HEL	NHEL
3594C	Kaikli-St. Nicholas complex, smooth, 36 to 55 percent slopes	HEL	NHEL
3604B	Tolstoi, Kaikli, and Lithic Cryorthent soils, alpine, broken, 6 to 35 percent slopes	HEL	NHEL
3617D	Sitka fine sandy loam, broken, 56 to 75 percent slopes	HEL	NHEL
3618C	Ulloa silt loam, 36 to 55 percent slopes	HEL	NHEL
3618D	Ulloa silt loam, broken, 36 to 55 percent slopes	HEL	NHEL
3619D	Foad gravelly silt loam, broken, 56 to 75 percent slopes	HEL	NHEL
3621D	Kupreanof gravelly silt loam, broken, 56 to 75 percent slopes	HEL	NHEL
3622D	Sitka-Verstovia complex, 56 to 75 percent slopes	HEL	NHEL
3623C	Ulloa-Sarkar complex, broken, 36 to 55 percent slopes	HEL	NHEL
3623D	Ulloa-Sarkar complex, broken, 56 to 75 percent slopes	HEL	NHEL
3623E	Ulloa-Sarkar complex, broken, 76 to 120 percent slopes	HEL	NHEL
3624D	Foad-Traitors complex, broken, 56 to 75 percent slopes	HEL	NHEL
3624E	Foad-Traitors complex, broken, 76 to 120 percent slopes	HEL	NHEL
3625D	Kupreanof-Tolstoi complex, broken, 56 to 75 percent slopes	HEL	NHEL
3625E	Kupreanof-Tolstoi complex, broken, 76 to 120 percent slopes	HEL	NHEL
3635C	Sitka and Partofshikof soils, subalpine, 36 to 55 percent slopes	HEL	NHEL
3635D	Sitka and Partofshikof soils, subalpine, 56 to 75 percent slopes	HEL	NHEL
3636C	Ulloa and Sarkar soils, subalpine, 36 to 55 percent slopes	HEL	NHEL
3636D	Ulloa and Sarkar soils, subalpine, 56 to 75 percent slopes	HEL	NHEL
3638D	Tolstoi, Kupreanof, and Peril soils, subalpine, broken, 56 to 75 percent slopes	HEL	NHEL
3639B	Sukoi silt loam, broken, 6 to 35 percent slopes	HEL	NHEL
3641B	Kasiana-Kushneahin complex, broken, 6 to 35 percent slopes	HEL	NHEL
3642C	Kaikli-Chuckriver complex, broken, 36 to 55 percent slopes	HEL	NHEL
3643B	Nakwasina muck, broken, 6 to 35 percent slopes	HEL	NHEL
3643C	Nakwasina muck, broken, 36 to 55 percent slopes	HEL	NHEL
3644C	Partofshikof silt loam, broken, 36 to 55 percent slopes	HEL	NHEL
3645C	Mitkof loam, broken, 36 to 55 percent slopes	HEL	NHEL
3646C	Chuckriver-Snettisham complex, broken, 36 to 55 percent slopes	HEL	NHEL
3647C	Yakobi mucky silt loam, broken, 36 to 55 percent slopes	HEL	NHEL
3648D	Verstovia-McGilvery complex, broken, 56 to 75 percent slopes	HEL	NHEL
3648E	Verstovia-McGilvery complex, broken, 76 to 120 percent slopes	HEL	NHEL
3649C	Tolstoi-Mosman-McGilvery complex, broken, 36 to 55 percent slope	HEL	NHEL
3649E	Tolstoi-Mosman-McGilvery complex, broken, 76 to 120 percent slopes	HEL	NHEL
3650C	Traitors silt loam, broken, 36 to 55 percent slopes	HEL	NHEL
3650D	Traitors silt loam, broken, 56 to 75 percent slopes	HEL	NHEL
3651D	Tolstoi-Mosman complex, broken, 56 to 75 percent slopes	HEL	NHEL
3653C	Sitka-Partofshikof complex, 36 to 55 percent slopes	HEL	NHEL
3653D	Sitka-Partofshikof complex, broken, 56 to 75 percent slopes	HEL	NHEL
3654E	Traitors-McGilvery complex, broken, 76 to 120 percent slopes	HEL	NHEL

3655C	Foad-Fordsterror complex, broken, 36 to 55 percent slopes	HEL	NHEL
3655D	Foad-Fordsterror complex, broken, 56 to 75 percent slopes	HEL	NHEL
3657C	Kupreanof-Mitkof complex, broken, 36 to 55 percent slopes	HEL	NHEL
3657D	Kupreanof-Mitkof complex, broken, 56 to 75 percent slopes	HEL	NHEL
3658D	Yakobi-Karta complex, broken, 56 to 75 percent slopes	HEL	NHEL
3659C	Partofshikof-Sukoi complex, 36 to 55 percent slopes	HEL	NHEL
3659D	Partofshikof-Sukoi complex, broken, 56 to 75 percent slopes	HEL	NHEL
3660C	Fordsterror-Traitors-Kaikli complex, broken, 36 to 55 percent slopes	HEL	NHEL
3660D	Fordsterror-Traitors-Kaikli complex, broken, 56 to 75 percent slopes	HEL	NHEL
3662C	Mitkof-Tolstoi-Kaikli complex, 36 to 55 percent slopes	HEL	NHEL
3662D	Mitkof-Tolstoi-Kaikli complex, broken, 56 to 75 percent slopes	HEL	NHEL
3663C	Nakwasina-Yakobi complex, broken, 36 to 55 percent slopes	HEL	NHEL
3668C	Sukoi, Kaikli, and Verstovia soils, subalpine, 36 to 55 percent slopes	HEL	NHEL
3669D	Verstovia and Sitka soils, subalpine, 56 to 75 percent slopes	HEL	NHEL
3670C	Tolstoi and Kaikli soils, subalpine, 36 to 55 percent slopes	HEL	NHEL
3671D	Tolstoi and Kupreanof soils, subalpine, broken, 56 to 75 percent slopes	HEL	NHEL
3672B	Kina-Sukoi association, broken, 6 to 35 percent slopes	NHEL	NHEL
3674B	Kina-Kasiana association, broken, 6 to 35 percent slopes	NHEL	NHEL
3677B	Kina-Nakwasina association, broken, 6 to 35 percent slopes	NHEL	NHEL
3690B	Kina peat, broken, 6 to 35 percent slopes	NHEL	NHEL
3694C	Kaikli-St. Nicholas complex, broken, 36 to 55 percent slopes	HEL	NHEL
3695C	Tolstoi, Mitkof, and Kupreanof soils, subalpine, broken, 36 to 55 percent slopes	HEL	NHEL
3779E	Entic Cryumbrepts, McGilvery, and Rock outcrop soils, ravines, 76 to 140 percent slopes	HEL	NHEL
4223C	Ulloa-Sarkar complex, rolling hills, 36 to 55 percent slopes	HEL	NHEL
4224C	Foad-Traitors complex, 36 to 55 percent slopes	HEL	NHEL
4225C	Kupreanof-Tolstoi complex, 36 to 55 percent slopes	HEL	NHEL
4239B	Sukoi silt loam, rolling hills, 6 to 35 percent slopes	HEL	NHEL
4243B	Nakwasina muck, rolling hills, 6 to 35 percent slopes	HEL	NHEL
4243C	Nakwasina muck, rolling hills, 36 to 55 percent slopes	HEL	NHEL
4247C	Yakobi mucky silt loam, rolling hills, 36 to 55 percent slopes	HEL	NHEL
4248C	Verstovia-McGilvery complex, 36 to 55 percent slopes	HEL	NHEL
4249C	Tolstoi-Mosman-McGilvery complex, rolling hills, 36 to 55 percent slopes	HEL	NHEL
4250C	Traitors silt loam, rolling hills, 36 to 55 percent slopes	HEL	NHEL
4259C	Partofshikof-Sukoi complex, rolling hills, 36 to 55 percent slopes	HEL	NHEL
4260C	Fordsterror-Traitors-Kaikli complex, rolling hills, 36 to 55 percent slopes	HEL	NHEL
4263C	Nakwasina-Yakobi complex, rolling hills, 36 to 55 percent slopes	HEL	NHEL
4277B	Kina-Nakwasina association, rolling hills, 6 to 35 percent slopes	NHEL	NHEL
4324D	Foad-Traitors complex, dissected hills, 56 to 75 percent slopes	HEL	NHEL
4325D	Kupreanof-Tolstoi complex, dissected hills, 56 to 75 percent slopes	HEL	NHEL
4349E	Tolstoi-Mosman-McGilvery complex, dissected hills, 76 to 120 percent slopes	HEL	NHEL
4351D	Tolstoi-Mosman complex, dissected hills, 56 to 75 percent slopes	HEL	NHEL
4354E	Traitors-McGilvery complex, dissected hills, 76 to 120 percent slopes	HEL	NHEL
4355D	Foad-Fordsterror complex, dissected hills, 56 to 75 percent slopes	HEL	NHEL
4357D	Kupreanof-Mitkof complex, dissected hills, 56 to 75 percent slopes	HEL	NHEL
4419D	Foad gravelly silt loam, smooth hills, 56 to 75 percent slopes	HEL	NHEL
4421D	Kupreanof gravelly silt loam, smooth hills, 56 to 75 percent slopes	HEL	NHEL
4441B	Kasiana-Kushneahin complex, smooth hills, 6 to 35 percent slopes	HEL	NHEL
4442C	Kaikli-Chuckriver complex, smooth hills, 36 to 55 percent slopes	HEL	NHEL
4445C	Mitkof loam, smooth hills, 36 to 55 percent slopes	HEL	NHEL
4446C	Chuckriver-Snettisham complex, smooth hills, 36 to 55 percent slopes	HEL	NHEL
4449E	Tolstoi-Mosman-McGilvery complex, smooth hills, 76 to 120 percent slopes	HEL	NHEL
4450D	Traitors silt loam, smooth hills, 56 to 75 percent slopes	HEL	NHEL
4451D	Tolstoi-Mosman complex, smooth hills, 56 to 75 percent slopes	HEL	NHEL
4454E	Traitors-McGilvery complex, smooth hills, 76 to 120 percent slopes	HEL	NHEL
4494C	Kaikli-St. Nicholas complex, smooth hills, 36 to 55 percent slopes	HEL	NHEL
5121B	Kupreanof gravelly silt loam, 6 to 35 percent slopes	HEL	NHEL
5133B	Kupreanof-Annahootz complex, 6 to 35 percent slopes	HEL	NHEL
5141B	Kasiana-Kushneahin complex, footslopes, 6 to 35 percent slopes	HEL	NHEL
5143B	Nakwasina muck, footslopes, 6 to 35 percent slopes	HEL	NHEL

5145B	Mitkof loam, footslopes, 6 to 35 percent slopes	HEL	NHEL
5147B	Yakobi mucky silt loam, footslopes, 6 to 35 percent slopes	HEL	NHEL
5220B	Kupreanof-Tuxekan complex, 6 to 35 percent slopes	HEL	NHEL
5234A	Tuxekan silt loam, alluvial fans, 0 to 5 percent slopes	HEL	NHEL
5234B	Tuxekan silt loam, 6 to 25 percent slopes	HEL	NHEL
5243B	Nakwasina muck, dissected footslopes, 6 to 35 percent slopes	HEL	NHEL
5247B	Yakobi mucky silt loam, dissected footslopes, 6 to 35 percent slopes	HEL	NHEL
5256B	Kupreanof-Tuxekan-Mitkof complex, 6 to 35 percent slopes	HEL	NHEL
5261B	Kasiana-Baranof complex, 6 to 35 percent slopes	HEL	NHEL
5264A	Tuxekan-Tonowek association, alluvial fans, 0 to 5 percent slope	HEL	NHEL
5264B	Tuxekan-Tonowek association, 6 to 25 percent slopes	HEL	NHEL
5277B	Kina-Nakwasina association, dissected footslopes, 6 to 35 percent slopes	NHEL	NHEL
5293B	Baranof-Mitkof complex, 6 to 35 percent slopes	HEL	NHEL
5296B	Kina-Chichagof association, 6 to 35 percent slopes	NHEL	NHEL
5299B	Entic Cryumbrept and Tonowek soils, 6 to 35 percent slopes	HEL	NHEL
5308A	Tonowek sandy loam, 0 to 5 percent slopes	HEL	NHEL
5334A	Tuxekan silt loam, floodplains, 0 to 5 percent slopes	HEL	NHEL
5364A	Tuxekan-Tonowek association, floodplains, 0 to 5 percent slopes	HEL	NHEL
5479E	Entic Cryumbrepts, McGilvery, and Rock outcrop soils, valley gorges, 76 to 140 percent slopes	HEL	NHEL
6105B	Chichagof, Tonowek, and Entic Cryumbrept soils, alpine, 6 to 35 percent slopes	HEL	NHEL
6139B	Sukoi silt loam, sloping lowlands, 6 to 35 percent slopes	HEL	NHEL
6140B	Spasski-Kushneahin complex, 6 to 35 percent slopes	HEL	NHEL
6141B	Kasiana-Kushneahin complex, sloping lowlands, 6 to 35 percent slopes	HEL	NHEL
6143B	Nakwasina muck, sloping lowlands, 6 to 35 percent slopes	HEL	NHEL
6145B	Mitkof loam, sloping lowlands, 6 to 35 percent slopes	HEL	NHEL
6147B	Yakobi mucky silt loam, sloping lowlands, 6 to 35 percent slopes	HEL	NHEL
6159B	Partofshikof-Sukoi complex, 6 to 35 percent slopes	HEL	NHEL
6172B	Kina-Sukoi association, sloping lowlands, 6 to 35 percent slopes	NHEL	NHEL
6173B	Kina-Spasski association, 6 to 35 percent slopes	NHEL	NHEL
6174B	Kina-Kasiana association, sloping lowlands, 6 to 35 percent slopes	NHEL	NHEL
6190B	Kina peat, sloping lowlands, 6 to 35 percent slopes	NHEL	NHEL
6290A	Kina peat, 0 to 5 percent slopes	NHEL	NHEL
7185A	Typic Cryaquents, sandy or sandy skeletal, 0 to 5 percent slopes	HEL	NHEL
7186A	Typic Cryaquents, sandy or sandy skeletal, and Haplaquepts soils, 0 to 5 percent slopes	HEL	NHEL
7188A	Haplaquepts, 0 to 5 percent slopes	NHEL	NHEL
7432A	Typic Cryopsamments-Typic Humicryods, uplifted beaches, 0 to 5 percent slopes	NHEL	NHEL
SW	Water, Saline	N/A	N/A
UR	Urbanland	N/A	N/A
W	Water	N/A	N/A