

HEL List for AK645; Stikine Area, Alaska

R Value = 120; C Value = 1

Mapunit Symbol	Mapunit Name	HEL Water (R = 120)	HEL Wind
2	Malmesbury fine sand, 0 to 3 percent slopes	NHEL	NHEL
3	Lithic Humicryods, 5 to 35 percent slopes	HEL	NHEL
4	Tonowek sandy loam, 0 to 5 percent slopes	HEL	NHEL
5	Anan fine sand, 0 to 2 percent slopes	NHEL	NHEL
6B	Kwatahein-Mitkof complex, 0 to 35 percent slopes	HEL	NHEL
6D	Kwatahein-Mitkof complex, 35 to 60 percent slopes	HEL	NHEL
7B	Kwatahein silt loam, 5 to 35 percent slopes	HEL	NHEL
7D	Kwatahein silt loam, 35 to 75 percent slopes	HEL	NHEL
7F	Kwatahein-Tolstoi complex, 75 to 100 percent slopes	HEL	NHEL
10B	Ulloa gravelly loam, 5 to 35 percent slopes	HEL	NHEL
10D	Ulloa-Sarkar complex, 35 to 75 percent slopes	HEL	NHEL
10F	Sarkar-McGilvery complex, 75 to 120 percent slopes	HEL	NHEL
11B	Kupreanof-Tolstoi association, 5 to 35 percent slopes	HEL	NHEL
11D	Kupreanof-Tolstoi association, 35 to 75 percent slopes	HEL	NHEL
11F	Kupreanof-Tolstoi association, 75 to 100 percent slopes	HEL	NHEL
12B	Liesnoi-Blaquirre complex, 5 to 35 percent slopes	HEL	NHEL
12D	Liesnoi-Blaquirre complex, 35 to 75 percent slopes	HEL	NHEL
13D	Kupreanof-Typic Cryumbrepts, loamy-skeletal complex, 15 to 75 percent slopes	HEL	NHEL
13F	Kupreanof-Typic Cryumbrepts, loamy-skeletal complex, 75 to 120 percent slopes	HEL	NHEL
14F	Tolstoi-Cryorthents complex, 60 to 120 percent slopes	HEL	NHEL
15	Fanshaw very gravelly coarse sand, 0 to 15 percent slopes	HEL	NHEL
16B	Kupreanof-Mosman complex, 5 to 35 percent slopes	HEL	NHEL
16D	Kupreanof-Mosman complex, 35 to 75 percent slopes	HEL	NHEL
16F	Mosman-Kupreanof complex, 75 to 110 percent slopes	HEL	NHEL
18B	Gunnuk silt loam, 5 to 35 percent slopes	HEL	NHEL
18D	Gunnuk silt loam, 35 to 60 percent slopes	HEL	NHEL
19	Chilkoot very fine sandy loam, 0 to 3 percent slopes	NHEL	NHEL
20D	Mosman-Typic Cryumbrepts, loamy-skeletal complex, 35 to 75 percent slopes	HEL	NHEL
20F	Mosman-Typic Cryumbrepts, loamy-skeletal complex, 75 to 120 percent slopes	HEL	NHEL
21	Niblack peat, 3 to 45 percent slopes	HEL	NHEL
22	Kushneahin-Kina association, 3 to 35 percent slopes	NHEL	NHEL
23B	Kupreanof-Mitkof complex, 5 to 35 percent slopes	HEL	NHEL
23D	Kupreanof-Mitkof complex, 35 to 75 percent slopes	HEL	NHEL
28B	Mosman-McGilvery complex, 5 to 35 percent slopes	HEL	NHEL
28D	Mosman-McGilvery complex, 35 to 75 percent slopes	HEL	NHEL
28F	Mosman-McGilvery complex, 75 to 120 percent slopes	HEL	NHEL
30B	Karta silt loam, 5 to 35 percent slopes	HEL	NHEL
30D	Karta silt loam, 35 to 75 percent slopes	HEL	NHEL
31B	Wadleigh silt loam, 5 to 35 percent slopes	HEL	NHEL
31D	Wadleigh silt loam, 35 to 60 percent slopes	HEL	NHEL
32B	Nakwasina peat, 5 to 35 percent slopes	HEL	NHEL
32D	Nakwasina peat, 35 to 55 percent slopes	HEL	NHEL
33B	Mosman very gravelly loam, 5 to 35 percent slopes	HEL	NHEL
33D	Mosman very gravelly loam, 35 to 75 percent slopes	HEL	NHEL
33F	Mosman very gravelly loam, 75 to 120 percent slopes	HEL	NHEL
34B	Mitkof-Mosman complex, 5 to 35 percent slopes	HEL	NHEL
34D	Mitkof-Mosman complex, 35 to 75 percent slopes	HEL	NHEL

34F	Mosman-Mitkof complex, 75 to 100 percent slopes	HEL	NHEL
35B	Maybeso-Mosman complex, 5 to 35 percent slopes	HEL	NHEL
35D	Maybeso-Mosman complex, 35 to 75 percent slopes	HEL	NHEL
35F	Mosman-Maybeso complex, 50 to 100 percent slopes	HEL	NHEL
36B	Kupreanof silt loam, 5 to 35 percent slopes	HEL	NHEL
36D	Kupreanof silt loam, 35 to 75 percent slopes	HEL	NHEL
37	Tuxekan fine sandy loam, 0 to 5 percent slopes	HEL	NHEL
38D	Mosman-Rock outcrop complex, 35 to 75 percent slopes	HEL	NHEL
38F	Mosman-Rock outcrop complex, 75 to 120 percent slopes	HEL	NHEL
46B	Mitkof sandy loam, 5 to 35 percent slopes	HEL	NHEL
46D	Mitkof sandy loam, 35 to 65 percent slopes	HEL	NHEL
46F	Mitkof sandy loam, 65 to 80 percent slopes	HEL	NHEL
48B	St. Nicholas loam, 5 to 35 percent slopes	HEL	NHEL
48D	St. Nicholas loam, 35 to 65 percent slopes	HEL	NHEL
48F	St. Nicholas loam, 65 to 90 percent slopes	HEL	NHEL
49	St. Nicholas-Kaikli complex, 5 to 35 percent slopes	HEL	NHEL
50B	Kaikli peat, 5 to 35 percent slopes	HEL	NHEL
50D	Kaikli peat, 35 to 55 percent slopes	HEL	NHEL
54B	Tolstoi-St. Nicholas association, 5 to 35 percent slopes, subalpine	HEL	NHEL
54D	Tolstoi-St. Nicholas association, 35 to 75 percent slopes, subalpine	HEL	NHEL
54F	Tolstoi-St. Nicholas association, 75 to 120 percent slopes, subalpine	HEL	NHEL
55D	St. Nicholas-Typic Cryumbrepts, loamy-skeletal complex, 35 to 75 percent slopes	HEL	NHEL
55F	St. Nicholas-Typic Cryumbrepts, loamy-skeletal complex, 75 to 120 percent slopes	HEL	NHEL
57	Kogish peat, 0 to 15 percent slopes	NHEL	NHEL
59B	Sloduc silt loam, 5 to 35 percent slopes	HEL	NHEL
59D	Sloduc silt loam, 35 to 60 percent slopes	HEL	NHEL
60	Blashke-Sokolof complex, 0 to 15 percent slopes	NHEL	NHEL
61	Karheen mucky peat, 0 to 15 percent slopes	NHEL	NHEL
63	Kushneahin mucky peat, 0 to 15 percent slopes	NHEL	NHEL
64	Kushneahin-Maybeso complex, 3 to 35 percent slopes	HEL	NHEL
65	Kushneahin-Kaikli complex, 5 to 35 percent slopes	HEL	NHEL
70	Permanent ice and snow	N/A	N/A
71	Cryofluvents, 0 to 15 percent slopes	HEL	NHEL
72	Rock outcrop	N/A	N/A
73	Typic Cryumbrepts, loamy-skeletal, 60 to 120 percent slopes	HEL	NHEL
75	Cryorthents	HEL	NHEL
76	Talus slopes	N/A	N/A
77	Riverwash	N/A	N/A
80	Cryaquents-Cryaquepts complex, 0 to 3 percent slopes	NHEL	NHEL
81	Cryaquents, 0 to 3 percent slopes	NHEL	NHEL
82	Cryaquepts, 0 to 3 percent slopes	NHEL	NHEL
83	Aeric Cryaquepts, 0 to 3 percent slopes	NHEL	NHEL
91B	Maybeso peat, 5 to 35 percent slopes	HEL	NHEL
91D	Maybeso peat, 35 to 60 percent slopes	HEL	NHEL
95	Sunnyhay-Tolstoi complex, 15 to 120 percent slopes, alpine	HEL	NHEL
96	Sunnyhay-Tolstoi-St. Nicholas complex, 20 to 120 percent slopes, subalpine	HEL	NHEL
404X	Glacial drift	N/A	N/A
410X	Lithic Cryosaprists-Lithic Humicryods association, 15 to 120 percent slopes, alpine	HEL	NHEL
411X	Typic Cryumbrepts, loamy-skeletal, 15 to 75 percent slopes	HEL	NHEL
412X	Lithic Cryumbrepts, loamy-skeletal, mixed-Rock outcrop complex, 55 to 120 percent slopes	HEL	NHEL
415X	Cryofluent and Typic Cryaquent soils, 0 to 15 percent slopes, alpine	HEL	NHEL
422X	Lithic Cryaquods-Lithic Cryosaprists association, 35 to 120 percent slopes	HEL	NHEL
424X	Cryosaprists-Lithic Cryaquods complex, 10 to 45 percent slopes	PHL	NHEL

425X	Typic Humicryods-Typic Cryumbrepts, loamy-skeletal complex, 15 to 75 percent slopes	HEL	NHEL
426X	Lithic Humicryods, subalpine-Lithic Cryumbrepts, loamy-skeletal, mixed complex, 75 to 120 percent slopes	HEL	NHEL
430X	Lithic Humicryods-Rock outcrop complex, 60 to 150 percent slopes	HEL	NHEL
431X	Typic Humicryods, 15 to 75 percent slopes	HEL	NHEL
432X	Histosols-Lithic Humicryods complex, 15 to 75 percent slopes	HEL	NHEL
435X	Lithic Humicryods, 15 to 75 percent slopes	HEL	NHEL
436X	Lithic Humicryods, 75 to 120 percent slopes	HEL	NHEL
437X	Cryaquods-Lithic Humicryods complex, 5 to 35 percent slope	HEL	NHEL
438X	Lithic Humicryods-Cryaquods complex, 35 to 75 percent slopes	HEL	NHEL
439X	Lithic Humicryods-Cryaquods complex, 75 to 120 percent slopes	HEL	NHEL
440X	Lithic Humicryods-Typic Humicryods complex, 15 to 75 percent slopes	HEL	NHEL
441X	Lithic Humicryods-Typic Humicryods complex, 75 to 110 percent slopes	HEL	NHEL
450X	Typic Humicryods, 10 to 45 percent slopes	HEL	NHEL
451X	Cryods-Typic Cryaquents, moderately wet association, 0 to 5 percent slopes	NHEL	NHEL
453X	Typic Cryofluvents and Typic Cryorthents soils, 0 to 5 percent slopes	NHEL	NHEL
455X	Typic Cryaquents, gravelly substratum, 0 to 3 percent slopes	NHEL	NHEL
457X	Histic Cryaquepts and Terric Cryosaprists, euic soils, 0 to 3 percent slopes	NHEL	NHEL
458X	Typic Haplocryods-Terric Cryosaprists, dysic complex, 5 to 35 percent slopes	PHL	NHEL
460X	Cryochemists and Cryosaprists soils, 3 to 35 percent slopes	HEL	NHEL
470X	Cryaquents and Cryaquepts soils, 0 to 3 percent slopes	NHEL	NHEL
480X	Fluvaquentic Cryochemists, 0 to 3 percent slopes	NHEL	NHEL
481X	Typic Cryaquents, moderately wet, overblown, 0 to 3 percent slopes	NHEL	NHEL
482X	Typic Cryaquents, moderately wet, 0 to 3 percent slopes	NHEL	NHEL
483X	Entic Cryumbrepts-Dunes complex, 10 to 40 percent slopes	HEL	NHEL
485X	Typic Cryaquents, overblown, 0 to 3 percent slopes	NHEL	NHEL
486X	Typic Cryaquents, 0 to 3 percent slopes	NHEL	NHEL
488X	Histosols-Cryaquods, till substratum complex, 0 to 3 percent slopes	NHEL	NHEL
489X	Typic Haplocryods, 0 to 3 percent slopes	NHEL	NHEL
490X	Typic Cryumbrepts, loamy, windblown, 30 to 90 percent slopes	HEL	NHEL
491X	Typic Cryumbrepts, loamy, 30 to 90 percent slopes	HEL	NHEL
494X	Blaquirre-Histosols complex, 0 to 12 percent slopes	HEL	NHEL
SW	Salt Water	N/A	N/A
W	Water	N/A	N/A