

HEL list for for AK650; Fort Wainwright Area, Alaska

R value =15; C value = 5

Mapunit Symbol	Mapunit Name	HEL Water	HEL Wind
13	Terric Cryofibrists-Liscum complex	NHEL	NHEL
14	Histels-Terric Cryofibrists complex	NHEL	NHEL
20	Mosquito peat	NHEL	NHEL
211	Chatanika-Goldstream complex, 0 to 5 percent slopes	NHEL	NHEL
212	Goldstream-Histels complex, 0 to 3 percent slopes	NHEL	NHEL
21A	Goldstream peat, 0 to 3 percent slopes	NHEL	NHEL
21B	Goldstream peat, 3 to 7 percent slopes	NHEL	NHEL
22	Tanacross peat	NHEL	NHEL
25	Tanana silt loam	NHEL	NHEL
251	Tanana-Mosquito complex	NHEL	NHEL
26	Histel and Mosquito soils	NHEL	NHEL
31	Eielson-Piledriver complex, occasionally flooded	NHEL	NHEL
32	Salchaket very fine sandy loam	NHEL	NHEL
35	North Pole very fine sandy loam	NHEL	NHEL
36	Jarvis very fine sandy loam	NHEL	NHEL
361	Jarvis-Chena complex	NHEL	NHEL
362	Piledriver-Fubar complex	NHEL	NHEL
363	Jarvis-Salchaket complex	NHEL	NHEL
37	Chena very fine sandy loam	NHEL	NHEL
39A	Nenana silt loam, 0 to 3 percent slopes	NHEL	NHEL
40A	Chatanika silt loam, 0 to 3 percent slopes	NHEL	NHEL
40B	Chatanika silt loam, 3 to 7 percent slopes	NHEL	NHEL
40C	Chatanika silt loam, 7 to 12 percent slopes	NHEL	NHEL
40D	Chatanika silt loam, 12 to 20 percent slopes	NHEL	NHEL
411A	Minto-Chatanika complex, 0 to 3 percent slopes	NHEL	NHEL
411B	Minto-Chatanika complex, 3 to 7 percent slopes	NHEL	NHEL
411C	Minto-Chatanika complex, 7 to 12 percent slopes	NHEL	NHEL

411D	Minto-Chatanika complex, 12 to 20 percent slopes	NHEL	NHEL
41A	Minto silt loam, 0 to 3 percent slopes	NHEL	NHEL
41B	Minto silt loam, 3 to 7 percent slopes	NHEL	NHEL
41C	Minto silt loam, 7 to 12 percent slopes	NHEL	NHEL
41D	Minto silt loam, 12 to 20 percent slopes	NHEL	NHEL
421D	Fairbanks-Steese complex, 12 to 20 percent slopes	NHEL	NHEL
42B	Fairbanks silt loam, 3 to 7 percent slopes	NHEL	NHEL
42C	Fairbanks silt loam, 7 to 12 percent slopes	NHEL	NHEL
42CG	Fairbanks silt loams, strongly sloping and steep	NHEL	NHEL
42D	Fairbanks silt loam, 12 to 20 percent slopes	NHEL	NHEL
42E	Fairbanks silt loam, 20 to 30 percent slopes	NHEL	NHEL
441D	Steese-Gilmore complex, 12 to 20 percent slopes	PHEL	NHEL
441E	Steese-Gilmore complex, 20 to 30 percent slopes	HEL	NHEL
441F	Steese-Gilmore complex, 30 to 45 percent slopes	HEL	NHEL
441G	Steese-Gilmore complex, 45 to 70 percent slopes	HEL	NHEL
44B	Steese silt loam, 3 to 7 percent slopes	NHEL	NHEL
44C	Steese silt loam, 7 to 12 percent slopes	NHEL	NHEL
44D	Steese silt loam, 12 to 20 percent slopes	PHEL	NHEL
44E	Steese silt loam, 20 to 30 percent slopes	HEL	NHEL
44F	Steese silt loam, 30 to 45 percent slopes	HEL	NHEL
451G	Brigadier-Ester Complex, 45 to 70 percent slopes	HEL	NHEL
451X	Brigadier-Ester complex, 15 to 45 percent slopes	HEL	NHEL
452	Gilmore-Steese complex, 3 to 15 percent slopes	PHEL	NHEL
45C	Gilmore silt loam, 7 to 12 percent slopes	HEL	NHEL
45D	Gilmore silt loam, 12 to 20 percent slopes	HEL	NHEL
45E	Gilmore silt loam, 20 to 30 percent slopes	HEL	NHEL
45F	Gilmore silt loam, 30 to 45 percent slopes	HEL	NHEL
45G	Gilmore silt loam, 45 to 70 percent slopes	HEL	NHEL
46C	Eutrocrepts, 7 to 12 percent slopes	NHEL	NHEL
46D	Eutrocrepts, 12 to 20 percent slopes	NHEL	NHEL
48D	McCloud silt loam, 12 to 20 percent slopes	PHEL	NHEL
48E	McCloud silt loam, 20 to 30 percent slopes	HEL	NHEL
48F	McCloud silt loam, 30 to 45 percent slopes	HEL	NHEL
492	Angel-McCloud complex, 3 to 15 percent slopes	HEL	NHEL

49D	Angel silt loam, 12 to 20 percent slopes	HEL	NHEL
49E	Angel silt loam, 20 to 30 percent slopes	HEL	NHEL
49F	Angel silt loam, 30 to 45 percent slopes	HEL	NHEL
50G	Ester peat, 45 to 70 percent slopes	HEL	NHEL
50X	Ester peat, 20 to 45 percent slopes	HEL	NHEL
51B	Saulich peat, 3 to 7 percent slopes	NHEL	NHEL
51C	Saulich peat, 7 to 12 percent slopes	NHEL	NHEL
61	Piledriver very fine sandy loam	NHEL	NHEL
611	Piledriver-Eielson complex	NHEL	NHEL
62	Peede-Mosquito complex	NHEL	NHEL
63	Typic Cryaquents-Tanana complex	NHEL	NHEL
64	Eielson-Tanana complex	NHEL	NHEL
65	Typic Cryaquent and Fluvaquentic Aquorthel soils	NHEL	NHEL
66	Eielson fine sandy loam	NHEL	NHEL
69	Typic Cryaquents-Eielson complex	NHEL	NHEL
70A	Volkmar-Richardson complex, 0 to 3 percent slopes	NHEL	NHEL
70B	Volkmar-Richardson complex, 3 to 7 percent slopes	NHEL	NHEL
71	North Pole-Mosquito-Liscum complex	NHEL	NHEL
72F	Eutrocrypts, 7 to 45 percent slopes	PHEL	NHEL
81V	Saulich and Chatanika soils, 3 to 15 percent slopes	NHEL	NHEL
81X	Saulich and Chatanika soils, 15 to 20 percent slopes	NHEL	NHEL
82V	Gilmore and Steese silt loams, 3 to 15 percent slopes	PHEL	NHEL
82X	Gilmore and Steese silt loams, 15 to 45 percent slopes	HEL	NHEL
85	Eutrocrypt and Minto silt loams, 3 to 20 percent slopes	NHEL	NHEL
86G	Brigadier silt loam, 45 to 70 percent slopes	HEL	NHEL
86V	Brigadier and Manchu silt loams, 3 to 15 percent slopes	HEL	NHEL
86X	Brigadier and Manchu silt loams, 3 to 45 percent slopes	HEL	NHEL
87V	Gilmore, subalpine and Manchu soils, 0 to 15 percent slopes	PHEL	NHEL
87X	Gilmore silt loam, subalpine, 15 to 45 percent slopes	HEL	NHEL
88	Dystrogelepts-Turbels complex, 8 to 30 percent slopes	HEL	NHEL
89X	Fairbanks and Steese silt loams, 15 to 45 percent slopes	HEL	NHEL
9	Histels	NHEL	NHEL
90	Fubar-Tanana complex, 0 to 2 percent slopes	NHEL	NHEL
91	Aquic Cryofluvents-Typic Cryaquents-Fluvaquentic Aquorthels complex, 2 to 10 percent slopes	NHEL	NHEL

CL	Typic Cryorthents, pit spoil	NHEL	NHEL
Gv	Pits, gravel	N/A	N/A
Lf	Dumps, landfill	N/A	N/A
ME	Dumps, mine	N/A	N/A
Qu	Pits, quarry	N/A	N/A
Rv	Riverwash	N/A	N/A
UC	Urban land-Typic Cryorthents complex, 0 to 2 percent slopes	NHEL	NHEL
W	Water	N/A	N/A
WAH	Typic Cryaquept, Terric Cryofibril, and Histic Cryaquept soils	NHEL	NHEL