## HEL List for AK657; Greater Delta Area, AK R value = 15

Mapunit				
Symbol	Mapunit Name	HEL Water	HEL Wind 1	HEL Wind 29
28BU01	Butchlake-Southpaw-Salchaket family complex, 0 to 50 percent slopes	PHEL	NHEL	HEL
28SP01	Southpaw-Butchlake complex, 0 to 12 percent slopes	NHEL	NHEL	HEL
28SP02	Southpaw-Butchlake complex, 5 to 20 percent slopes	PHEL	NHEL	HEL
28TE01	Terric Hemistels-Typic Aquiturbels-Water complex, 0 to 3 percent slopes	NHEL	NHEL	NHEL
29AE01	Aquic Haplocryepts-Typic Cryaquepts complex	NHEL	NHEL	HEL
29CH01	Chena very fine sandy loam	NHEL	NHEL	NHEL
29EL01	Eielson-Piledriver, occasionally flooded, complex	NHEL	NHEL	NHEL
29EL02	Eielson, rarely flooded-Tanana complex	NHEL	NHEL	NHEL
29FU01	Fubar-Piledriver complex, occasionally flooded	NHEL	NHEL	HEL
29GE01	Gerstle-Moosehead complex, 0 to 3 percent slopes	NHEL	NHEL	HEL
29GE02	Gerstle-Tanana complex	NHEL	NHEL	HEL
29GE04	Gerstle-Tanacross families complex, 0 to 4 percent slopes	NHEL	NHEL	HEL
29JV01	Jarvis very fine sandy loam	NHEL	NHEL	HEL
29JV02	Jarvis very fine sandy loam, occasionally flooded	NHEL	NHEL	HEL
29JV04	Jarvis-Salchaket complex	NHEL	NHEL	HEL
29JV05	Jarvis-Salchaket complex, occasionally flooded	NHEL	NHEL	HEL
29KU01	Koyukuk-Audrey family complex	NHEL	NHEL	NHEL
29KZ01	Iksgiza-Histels complex, 0 to 15 percent slopes	NHEL	NHEL	NHEL
29KZ02	Iksgiza-Lupine, sandy, complex, 1 to 15 percent slopes	NHEL	NHEL	NHEL
29LS03	Liscum-Terric Cryohemists complex, 0 to 3 percent slopes	NHEL	NHEL	NHEL
29LU01	Lupine very fine sandy loam	NHEL	NHEL	HEL
29LU02	Lupine family-Beales complex, 0 to 3 percent slopes	NHEL	NHEL	NHEL
29LU03	Lupine family-Beales complex, 3 to 12 percent slopes	NHEL	NHEL	NHEL
29LU04	Lupine family-Bohica-Iksgiza complex, 4 to 20 percent slopes	NHEL	NHEL	NHEL
29LU05	Lupine-Jarvis complex	NHEL	NHEL	HEL
29MH01	Moosehead family-Nenana complex, 3 to 10 percent slopes	NHEL	NHEL	HEL
29NE01	Nenana silt loam, 0 to 3 percent slope	NHEL	NHEL	HEL
29NE03	Nenana-Donnelly complex, 0 to 3 percent slopes	NHEL	NHEL	HEL

29PL01	Eielson, rarely flooded-Piledriver, complex	NHEL	NHEL	NHEL
29PT01	Pits, gravel	N/A	N/A	N/A
29PT02	Pits, quarry	N/A	N/A	N/A
29RC01	Richardson-Salchaket complex, 0 to 3 percent slopes	NHEL	NHEL	HEL
29SA01	Sawmill Creek silt loam	NHEL	NHEL	HEL
29SC01	Salchaket-Hogan families complex, 1 to 4 percent slopes	NHEL	NHEL	NHEL
29SC02	Salchaket very fine sandy loam	NHEL	NHEL	HEL
29SC03	Salchaket very fine sandy loam, occasionally flooded	NHEL	NHEL	HEL
29TC01	Tanacross peat	NHEL	NHEL	NHEL
29TC02	Tanacross family-Moosehead complex, 0 to 5 percent slopes	NHEL	NHEL	NHEL
29TC03	Tanacross, occasionally flooded-Histels association	NHEL	NHEL	NHEL
29TN01	Tanana silt loam	NHEL	NHEL	NHEL
29TS01	Terric Sapristels	NHEL	NHEL	NHEL
29VM01	Volkmar silt loam	NHEL	NHEL	HEL
29WR01	Water-Riverwash complex	N/A	N/A	N/A
31AN02	Angel-McCloud complex, 15 to 40 percent slopes	HEL	NHEL	HEL
31AN03	Angel-McCloud complex, 3 to 15 percent slopes	HEL	NHEL	HEL
31BR01	Brigadier-Ester complex, 15 to 45 percent slopes	HEL	NHEL	HEL
31BR02	Brigadier-Ester complex, 45 to 70 percent slopes	HEL	NHEL	HEL
31BR08	Brigadier and Manchu silt loams, 3 to 15 percent slopes	HEL	NHEL	HEL
31BR09	Brigadier and Manchu silt loams, 3 to 45 percent slopes	HEL	NHEL	HEL
31CH04	Chatanika-Goldstream complex, 0 to 5 percent slopes	NHEL	NHEL	HEL
31ES01	Ester peat, 20 to 45 percent slopes	HEL	NHEL	NHEL
31FA02	Fairbanks silt loam, 7 to 12 percent slopes	NHEL	NHEL	NHEL
31FA03	Fairbanks silt loam, 12 to 20 percent slopes	NHEL	NHEL	NHEL
31FA04	Fairbanks silt loam, 20 to 30 percent slopes	NHEL	NHEL	NHEL
31FA05	Fairbanks silt loam, 30 to 45 percent slopes	HEL	NHEL	NHEL
31FA07	Fairbanks silt loams, gullied, 7 to 70 percent slopes	NHEL	NHEL	NHEL
31FA11	Fairbanks-Steese complex, 20 to 30 percent slopes	NHEL	NHEL	NHEL
31GD01	Goldstream peat, 0 to 3 percent	NHEL	NHEL	NHEL
31GD02	Goldstream peat, 3 to 7 percent slopes	NHEL	NHEL	NHEL
31GD03	Goldstream-Histels complex	NHEL	NHEL	NHEL
31GL02	Gilmore silt loam, 7 to 12 percent slopes	HEL	NHEL	HEL
31GL03	Gilmore silt loam, 12 to 20 percent slopes	HEL	NHEL	HEL

31GL04	Gilmore silt loam, 20 to 30 percent slopes	HEL	NHEL	HEL
31GL05	Gilmore silt loam, 30 to 45 percent slopes	HEL	NHEL	HEL
31GL06	Gilmore silt loam, 45 to 70 percent slopes	HEL	NHEL	HEL
31HA01	Happy silt loam, 1 to 7 percent slopes	NHEL	NHEL	HEL
31MC01	McCloud silt loam, 12 to 20 percent slopes	PHEL	NHEL	HEL
31MC02	McCloud silt loam, 20 to 30 percent slopes	HEL	NHEL	HEL
31MC03	McCloud-Fairbanks complex, 15 to 40 percent slopes	HEL	NHEL	HEL
31MN01	Minto silt loam, 0 to 3 percent slopes	NHEL	NHEL	NHEL
31MN02	Minto silt loam, 3 to 7 percent slopes	NHEL	NHEL	NHEL
31MN03	Minto silt loam, 7 to 12 percent	NHEL	NHEL	NHEL
31MN04	Minto silt loam, 12 to 20 percent slopes	NHEL	NHEL	NHEL
31MN05	Minto-Chatanika complex, 0 to 3 percent slopes	NHEL	NHEL	NHEL
31MN06	Minto-Chatanika complex, 3 to 7 percent slopes	NHEL	NHEL	NHEL
31MN07	Minto-Chatanika complex, 7 to 12 percent slopes	NHEL	NHEL	NHEL
31RS01	Rosie silt loam, 15 to 90 percent slopes	HEL	NHEL	HEL
31SA06	Saulich-Minto complex, 7 to 12 percent slopes	NHEL	NHEL	NHEL
31SA08	Saulich-Chatanika complex, 3 to 7 percent slopes	NHEL	NHEL	NHEL
31SR02	Strelna very fine sandy loam, 12 to 20 percent slopes	HEL	NHEL	HEL
31SR03	Strelna very fine sandy loam, 20 to 50 percent slopes	HEL	NHEL	HEL
31SR04	Strelna very fine sandy loam, 7 to 12 percents slopes	PHEL	NHEL	HEL
31SR05	Strelna-Toghotthele complex 10 to 40 percent slopes	HEL	NHEL	HEL
31ST01	Steese silt loam, 3 to 7 percent slopes	NHEL	NHEL	HEL
31ST02	Steese silt loam, 7 to 12 percent slopes	NHEL	NHEL	HEL
31ST03	Steese silt loam, 12 to 20 percent slopes	PHEL	NHEL	HEL
31ST04	Steese silt loam, 20 to 30 percent slopes	HEL	NHEL	HEL
31ST05	Steese silt loam, 30 to 45 percent slopes	HEL	NHEL	HEL
31ST06	Steese silt loam, 45 to 70 percent slopes	HEL	NHEL	HEL
31ST08	Steese-Gilmore complex, 12 to 20 percent slopes	PHEL	NHEL	HEL
31ST09	Steese-Gilmore complex, 20 to 30 percent slopes	HEL	NHEL	HEL
31ST10	Steese-Gilmore complex, 30 to 45 percent slopes	HEL	NHEL	HEL
31ST11	Steese-Gilmore complex, 45 to 70 percent slopes	HEL	NHEL	HEL
31TG01	Toghotthele silt loam, 20 to 90 percent slopes	HEL	NHEL	HEL
31TG02	Toghotthele-Fairbanks complex, 12 to 20 percent slopes	NHEL	NHEL	HEL
31TG03	Toghotthele-Fairbanks complex, 12 to 50 percent slopes	HEL	NHEL	HEL

31TG04	Toghotthele-Fairbanks complex, 20 to 40 percent slopes	HEL	NHEL	HEL
31TG05	Toghotthele-Fairbanks complex, 7 to 12 percent slopes	NHEL	NHEL	HEL
R29WAA	Interior Alaska Lowlands, Water	N/A	N/A	N/A
R31WAA	Interior Alaska Highlands, Water	N/A	N/A	N/A