

Major Land Resource Area 241X Seward Peninsula Highlands

Accessed: 06/21/2026

Ecological site keys

MLRA 241 Ecological Sites

I. Alluvial soils in river valleys

- A. **Riparian Complex, active flooding** ... R241XY160AK – Arctic Scrub Riparian Complex
- B. **Stream Terrace** ... R241XY163AK – Arctic Scrub-Tussock Silty Stream Terrace

II. Slopes (Mountains, Hills & Plains)

A. Mountains

1 Water table 20in or shallower during growing season

- i. **Tussock tundra, frequent & long ponding** ... R241XY119AK – Alpine Scrub-Tussock Frozen Silty Slopes
- ii. **Not a tussock tundra, no ponding**
 - a. **Acidic soil** ... R241XY111AK – Alpine Sedge-Scrub Frozen Loamy Slopes
 - b. **Non-acidic soil** ... R241XY112AK – Arctic Scrub Frozen Alkaline Loamy Slopes

2 Water table absent or deeper than 20in during growing season

- i. **Dryer soils on upper mountain slopes** ... R241XY117AK – Alpine Dwarf Scrub Gravelly Summits
- ii. **Wetter soils on lower mountain footslopes** ... R241XY118AK – Arctic Tall Scrub Loamy Slopes

B. Hills and Plains

1 Warm slopes, Inceptisols ... R241XY130AK – Arctic Scrub Loamy Warm Hillslopes

2 Cold slopes, Gelisols

- i. **Very poorly drained, tussock tundra, mounds may be present** ... R241XY131AK – Arctic Tussock Loamy Frozen Slopes
- ii. **Poorly drained, scrubland, circles may be present** ... R241XY134AK – Arctic Scrub Loamy Hillslopes