

# Major Land Resource Area 237X

## Ahklun Mountains

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### Ecological site keys

#### AK637

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I. Miscellaneous Areas - unvegetated

II. Vegetated Areas - supports an ecological site

A. Western Maritime, High Elevation (Uplands, Mountains)

1 Summits, Shoulders, Upper Mtn Backslopes

i. Summits & Shoulders - shallow to lithic contact, no glacial parent material ... R237XY217AK – Western Alaska Maritime Dwarf Scrubland Gravelly Slopes, High Elevation

ii. Summits & Shoulders - Moderately deep to lithic contact, glacial parent material present. R237XY217AK

iii. Very Steep Backslopes - high elevation, very gravelly ... R237XY219AK – Western Alaska Maritime Dwarf Scrubland Gravelly Slopes, Very Steep

2 Backslopes & Footslopes - concave upper backslopes and footslopes on upper third of mountains ... R237XY218AK – Western Alaska Maritime Dwarf Scrubland Gravelly Slopes, Concave

3 Drainageways - upper third of mountain slopes (alpine), slope alluvium, gravelly soil ... R237XY206AK – Western Alaska Maritime Dwarf Scrubland Loamy Drainage, High Elevation

4 Swales - upper third of mountain slopes (alpine), slope alluvium ... R237XY205AK – Western Alaska Maritime Scrubland Loamy Swales

B. Western Maritime, Low Elevation

1 Uplands

i. Plains and Terraces

a. Depressions ... R237XY208AK – Western Alaska Maritime Scrubland Peat Depressions

b. Undulating and Rolling Landforms

1) Convex Positions & High Linear positions shallow to sandy-skeletal material (well drained soil) ... R237XY201AK – Western Alaska Maritime Scrubland Gravelly Slopes

2) Linear positions (well-drained soils), short slope length ... R237XY204AK – Western Alaska Maritime Scrubland Loamy Slopes

3) Swales (Concave positions). R237XY205AK

c. Outwash Plains (slightly convex) ... R237XY215AK – Western Alaska Maritime Scrubland Loamy Plains

d. Linear Landforms

1) Earth hummocks present

a) Mosaic hummocks (microtopography creates unique veg communities on tops and bottoms of hummocks) ... R237XY220AK – Western Alaska Maritime Mosaic Loamy Hummocks

b) Non-mosaic hummocks ... R237XY222AK – Western Alaska Maritime Scrubland Loamy Hummocks

e. Talf - adjacent to rises. R237XY230AK

ii. Mountains & Hills

a. Alluvial Fans

b. Backslopes

- 1) Linear to concave, center and upper third slopes ... R237XY202AK – Western Alaska Maritime Mosaic Gravelly Slopes
- 2) Convex to linear slopes, center and upper third slopes. R237XY204AK

c. Foothills & Toeslopes

- 1) Swales. R237XY205AK
- 2) Linear to Concave slopes ... R237XY230AK – Western Alaska Maritime Scrubland Silty Plains and Mountain Slopes, Lower
- 3) Convex to Concave Slopes, not a swale
  - a) Proximal to northern three-quarters of Togiak Lake ... F237XY221AK – Boreal Woodland Loamy Slopes
  - b) Linear to Concave sites. R237XY202AK
  - c) Convex sites. R237XY204AK

d. Summits & Shoulders, upper third of slopes

2 Lowlands

i. Drainageways - steep escarpments; gravelly, well-drained soils ... R237XY203AK – Western Alaska Maritime Scrubland Gravelly Drainage, Escarpment

ii. Floodplains

- a. Low Floodplain - frequent flooding, often confined by escarpments ... R237XY210AK – Western Alaska Maritime Scrubland Gravelly Flood Plains
- b. Mid Floodplain - occasional flooding, moderately well to well drained ... R237XY211AK – Western Alaska Maritime Scrubland Loamy Flood Plains
- c. Mid Floodplain - occasional flooding, somewhat poorly to poorly drained ... R237XY212AK – Western Alaska Maritime Scrubland Silty Flood Plains
- d. Mid to High Floodplain along Izaveiknik River - occasional to rare flooding ... F237XY216AK – Boreal Woodland Loamy Flood Plains
- e. Broad Floodplain / Terrace - no to rare flooding. F237XY212AK
- f. Depressions on Floodplain

- 1) Organic depression. R237XY208AK
- 2) Mineral depression ... R237XY226AK – Western Alaska Maritime Grassland Peat Flood Plains, Depression

iii. Discharge Slopes, Fans, Seeps on Mountains ... F237XY239AK – Boreal Forest Loamy Slopes

iv. Shore Complexes

- a. Depressions. R237XY208AK
- b. Talf ... R237XY236AK – Western Alaska Maritime Graminoid Peat Plains
- c. Rises
  - 1) Windward side of berm, proximal to bay ... R237XY223AK – Western Alaska Maritime Graminoid Gravelly Plains, Berms
  - 2) Leeward side of berm, set back from bay ... R237XY224AK – Western Alaska Maritime Scrubland Gravelly Plains, Berms