

Major Land Resource Area 231X

Interior Alaska Highlands

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Ecological site keys

Interior Alaska Uplands - MLRA 231 - Subalpine Life Zone

I. Streams and drainageways. ... R231XY152AK – High-elevation scrub gravelly drainageways

II. All other landforms.

A. Wetland soils. These include soils that pond, have a water table at very shallow to shallow depths for long durations of time (0 to 20 inches), and/or are classified as very poorly to poorly drained.

1 Depressions with ≥ 40 cm of saturated organic material. ... R231XY149AK – High-elevation Sedge Peat Depressions

2 Sloping landforms.

i. Occurs in protected positions like headslopes that accumulate snow, reduce wind, and reduce the harsh climate in the subalpine life zone. This site supports high elevations stands of trees. ... F231XY184AK – Subalpine Forest Gravelly Moist Slopes

ii. Not as above, exposed positions.

a. Backslopes with a thick layer of saturated organic material (≥ 20 cm) over permafrost. ... R231XY129AK – Subalpine Scrub Loamy Frozen Slopes

b. Footslopes and toeslopes with extensive turf hummocks and thick layer of saturated organic material (≥ 20 cm) over permafrost. ... R231XY185AK – Subalpine Scrub Loamy Frozen Footslopes

B. Not as above, non-wetland soils.

1 Oxyaquic soils. Commonly associated with swales on backslopes. ... R231XY148AK – Subalpine Scrub Gravelly Slopes Moist

2 Well drained soils. ... R231XY164AK – Subalpine Scrub Gravelly Slopes Dry