

# Major Land Resource Area 231X

## Interior Alaska Highlands

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### Ecological site keys

#### Interior Alaska Uplands - MLRA 231 - Alpine Life Zone

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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  $\geq 40$  cm of saturated organic material. ... R231XY149AK – High-elevation Sedge Peat Depressions

2 Not as above.

i. Calcareous soils.

a. Soils with  $>20$  cm of organic matter and permafrost at depth. ... R231XY103AK – Alpine Dwarf Scrub Gravelly Frozen Alkaline Slopes

b. Thinner organic cap, soils do not have permafrost. Extremely gravelly soils. ... R231XY106AK – Alpine Dwarf Scrub Gravelly Frozen Alkaline Slopes

ii. Not as above.

a. Soils very gravelly with no permafrost. Commonly associated with large solifluction lobes. ... R231XY113AK – Alpine Dwarf Scrub Gravelly Moist Slopes

b. Soils associated with permafrost.

1) silty soils commonly associated with turf hummocks on rounded mountains. ... R231XY115AK – Alpine sedge silty frozen slopes

2) gravelly soils commonly associated with non-sorted circles and stripes on all mountains. ... R231XY134AK – Alpine Dwarf Scrub Gravelly Frozen Slopes

B. Not as above, non-wetland soils.

1 Calcareous soils.

i. Cold slopes. ... R231XY104AK – Alpine Dwarf Scrub Gravelly Alkaline Cold Slopes

ii. Warm slopes. ... R231XY105AK – Alpine Dwarf Scrub Gravelly Alkaline Slopes

2 Not as above. ... R231XY101AK – Alpine dwarf scrub gravelly slopes