

# Major Land Resource Area 233X

## Upper Kobuk and Koyukuk Hills and Valleys

Accessed: 05/10/2025

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### Ecological site keys

#### Alpine Life Zone - MLRA 233X - Upper Kobuk and Koyukuk Hills and Valleys

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I. Streams and drainageways ... R233XY152AK – 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 often with  $\geq 40$  cm of saturated organic material

2 Not as above

i. Turf hummocks are common landform features. Under the surface peat layer, there is deep, frozen silts. ... R233XY115AK – Alpine sedge silty frozen slopes

ii. Circles and stripes are common landform features. Under the surface peat layer, there is silty, gravelly, frozen soils. ... R233XY134AK – Alpine Dwarf Scrub Gravelly Frozen Slopes

B. Not as above, non-wetland soils.

1 Dry and gravelly soils without permafrost. ... R233XY101AK – Alpine Dwarf Scrub Gravelly Slopes

2 Moist soils without permafrost. Commonly associated with swales. ... R233XY148AK – Subalpine Scrub Gravelly Moist Slopes