

# Major Land Resource Area 245X Arctic Foothills

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## Ecological site keys

### Arctic Foothills MLRA 245

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#### I. Flood plains

- A. Rarely floods, permafrost in soil profile, water table near the soil surface ... R245XY406AK – Arctic scrub loamy frozen floodplain
- B. Floods occasionally, permafrost absent in soil profile, dry soils ... R245XY405AK – Arctic scrub loamy frozen floodplain wet

#### II. All other landforms

- A. Massive ice wedges present resulting in low- or high-center polygons, slope negligible to gentle ... R245XY401AK – Arctic polygon complex
- B. Low- or high-center polygons absent
  - 1 Wetland soils, include soils that pond, have a water table at very shallow to shallow depth for long periods of time (0 to 20 inches), and/or are classified as very poorly to poorly drained.
    - i. Site frequently ponds and/or shows evidence of ponding ... R245XY201AK – Arctic tussock gravelly frozen slopes
    - ii. Site does not pond and/or shows no evidence of ponding ... R245XY402AK – Arctic scrub gravelly frozen slopes
  - 2 Not as above, non-wetland soils ... R245XY403AK – Arctic scrub gravelly slopes