

# Major Land Resource Area 234X Interior Brooks Range Mountains

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## Ecological site keys

### Life zone key

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**I. Elevation generally below 2500 feet - Boreal zone**

**II. Elevation generally above 2500 feet.**

**A. Sparse, stunted trees. Shrubs <3m in height - Subalpine zone**

**B. Trees no longer persistent. Shrubs <1m in height - Alpine zone**

## Boreal Life Zone

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**I. Occurs on floodplains**

**II. Occurs on hills, plains and mountains**

**A. Cold slopes. Permafrost present.**

**1 Occurs on earth hummocks ... R234XY701AK – Boreal tussock frozen hummocks**

**2 Other than above. Occurs on mountain slopes. ... F234XY713AK – Boreal forest loamy frozen slopes**

**B. Warm slopes. Permafrost absent**

**1 Water table present within 10 inches of the soil surface, poorly drained soils ... F234XY712AK – Boreal forest silty wet slopes**

**2 Water table absent, well-drained soils**

**i. Steep slopes, > 40% ... F234XY711AK – Boreal forest gravelly steep slopes**

**ii. Moderate slopes, < 40% ... F234XY714AK – Boreal forest gravelly slopes**

## Subalpine life zone

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**I. Occurs on hills, plains, and mountains ... R234XY702AK – Subalpine scrub gravelly slopes**

## Alpine life zone

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### I. Occurs on hills, plains, and mountains

**A. Water table present within 10 inches of the soil surface, poorly drained soils ... R234XY702AK – Subalpine scrub**  
gravelly slopes

### **B. Water table absent, well-drained soils**

**1 Associated with calcareous parent material. High soil pH, alkaline soils ... R234XY704AK – Alpine scrub**  
gravelly alkaline slopes

**2 Associated with non-calcareous parent material. Low to neutral soil pH ... R234XY705AK – Alpine dwarf scrub**  
gravelly slopes