

Major Land Resource Area 234X

Interior Brooks Range Mountains

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Ecological site keys

Life zone key

- 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

- 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

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

Alpine life zone

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