

Major Land Resource Area 044A

Northern Rocky Mountain Valleys

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Ecological site keys

MLRA 44A – West of Cabinet Gorge

I. West of Cabinet Gorge and Cabinet Mountains

A. Outwash terraces, outwash plains and footslopes below 2625 feet elevation, south and west of Lake Pend Oreille and Spirit Valley; LRU01 Spokane Rathdrum Outwash Plains

i. Mesic climate zone

a. Aquic with organic soil materials ... R044AY501WA – Mesic, Aquic, Organic Depressions and Seeps

b. Xeric moisture regime (EX044AESG01)

1 Sandy ... F044AY502WA – Warm Mesic Xeric Sandy Hill slopes and Outwash terraces (Ponderosa Pine/Shrub) *Pinus Ponderosa* / *Symphoricarpos albus*, *Pinus Ponderosa* / *Physocarpus malvaceus*

2 Loamy with low AWC ... F044AY501WA – Warm Mesic Xeric Loamy Foothills, Terraces, low AWC subsoils (Ponderosa Pine/Shrub) *Pinus Ponderosa* / *Symphoricarpos albus*, *Pinus Ponderosa* / *Physocarpus malvaceus*

ii. Frigid climate zone

a. Warm-frigid

1 Aquic-xeric moisture regime ... R044AY502WA – Warm-frigid, Aquic-Xeric, Loamy, Flood Plains (Grass/Sedge) Semi-wet Meadow

2 Xeric or Moist xeric moisture regime

I) Xeric with high water table ... F044AY504WA – Frigid, Udic, Loamy Foothills and Drainageways, high water table (Western Hemlock/Moist Forbes) *Tsuga heterophylla* / *Clintonia uniflora* , *Tsuga heterophylla* / *Asarum caudatum*

II) Moist-xeric with high water table (EX044AESG02) ... F044AY503WA – Warm-Frigid, Moist-Xeric Loamy Foothills/Mountainsides, high water table (Grand Fir Warm Dry Shrub) *Abies grandis* - *Pseudotsuga menziesii* / *Physocarpus malvaceus* - *Symphoricarpos albus*

b. Cool-frigid climate zone (EX044AESG03)

1 High water table ... F044AY504WA – Frigid, Udic, Loamy Foothills and Drainageways, high water table (Western Hemlock/Moist Forbes) *Tsuga heterophylla* / *Clintonia uniflora* , *Tsuga heterophylla* / *Asarum caudatum*

2 Sandy, no high water table ... F044AY505WA – Frigid, Udic, Sandy Hill slopes and Outwash terraces (Western Hemlock/Moist Forbes) *Tsuga heterophylla* / *Clintonia uniflora* , *Tsuga heterophylla* / *Asarum caudatum*

B. Outwash terraces, outwash plains and footslopes below 3500 feet, north and east of Lake Pend Oreille and Spirit Valley; LRU02 Pend Oreille-Kootenai Valleys

i. Mesic climate zone

a. Aquic with organic soil materials ... R044AY501WA – Mesic, Aquic, Organic Depressions and Seeps

b. Xeric moisture regime (EX044AESG01)

1 Sandy

2 Loamy with low AWC ... F044AY501WA – Warm Mesic Xeric Loamy Foothills, Terraces, low AWC subsoils (Ponderosa Pine/Shrub) *Pinus Ponderosa* / *Symphoricarpos albus*, *Pinus Ponderosa* / *Physocarpus malvaceus*

ii. Frigid climate zone

a. Warm-frigid

1 Aquic-xeric moisture regime ... R044AY502WA – Warm-frigid, Aquic-Xeric, Loamy, Flood Plains (Grass/Sedge) Semi-wet Meadow

2 Xeric or moist xeric moisture regime

I) Xeric with high water table ... F044AY506WA – Warm-Frigid, Xeric, Loamy, Foothills and Stream Terraces, High Water Table (Douglas-Fir Warm Dry Shrub)

II) Moist-xeric with high water table (EX044AESG02) ... F044AY503WA – Warm-Frigid, Moist-Xeric Loamy Foothills/Mountainsides, high water table (Grand Fir Warm Dry Shrub) *Abies grandis* - *Pseudotsuga menziesii* / *Physocarpus malvaceus* - *Symphoricarpos albus*

b. Cool-frigid climate zone (EX044AESG03)

1 High water table ... F044AY504WA – Frigid, Udic, Loamy Foothills and Drainageways, high water table (Western Hemlock/Moist Forbes) *Tsuga heterophylla* / *Clintonia uniflora* , *Tsuga heterophylla* / *Asarum caudatum*

2 Sandy, no high water table ... F044AY505WA – Frigid, Udic, Sandy Hill slopes and Outwash terraces (Western Hemlock/Moist Forbes) *Tsuga heterophylla* / *Clintonia uniflora* , *Tsuga heterophylla* / *Asarum caudatum*

II. East of Cabinet Gorge; use 4-MIS key