Major Land Resource Area 010X
Central Rocky and Blue Mountain Foothills

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Ecological site keys

MLRA10X

I. Sites occurring in east of the Snake River.

A. Occurring on the Upper Snake River Lava Plains and Hills ... Key 10 – Areas east of the Snake River, on the Upper Snake River Lava Plains and Hills

B. Occurring the Footslopes and Plains of the Big and Little Wood Rivers ... Key 9 – Areas east of the Snake River, on the Footslopes and Plains of the Big and Little Wood River

II. Sites occurring west of the Snake River.

A. Sites occurring on fluvial landforms including stream channels, terraces, secondary terraces, meadows, bottoms, swales, and fans. These sites occur across LRU boundaries. ... Key 2 – Fluvial Landforms

B. Not as above

1 Sites occurring in the Madras Plains LRU. Characterized by deeper soils on nearly level plateaus. Most areas are row cropped. The dominant area for this unit is the Agency Plain. The dominant soils are the Agency and Madras soil series. Surface texture is sandy loam or loam. The soils lack the strong volcanic ash influence typical of the Pumice Lava Plains LRU. Temperature regime is mesic; moisture regime is aridic. ... Key 3 – Madras Plains LRU

2 Not as above

i. Sites occurring in the Pumice Lava Plains LRU. Characterized by moderately deep and shallow soils formed in ash from Mt. Mazama over basalt. Most areas are native rangelands or used for irrigated pasture or hayland. Slopes are nearly level to undulating. The dominant soils are Deschutes and Deskamp. Texture is sandy loam and loamy sand throughout the profile. Temperature regime is mesic; moisture regime is aridic. ... Key 4 – Pumice Lava Plains LRU

ii. Not as above

a. Sites occurring in the John Day Sediments LRU. This unit is characterized by rangeland soils on hills or mountains associated with the John Day/Clarno Formation and/or basalt. Temperature regime is dominantly mesic; moisture regime is aridic and xeric. (warm climate). ... Key 5 – John Day Sediments LRU

b. Not as above

1) Sites occurring in the John Day Mountain Foothills LRU. Characterized by rangeland soils on hills or mountains associated with basalt. Temperature regime is frigid; moisture regime is xeric. (cool moist climate) Soils are commonly influenced by Mt. Mazama ash in the surface. Textures are dominantly loams and clays. ... Key 6 – John Day Mountain Foothills LRU

2) Not as above

a) Sites occurring in the Snake River Mountain Foothills LRU. Characterized by rangeland soils on hills or mountains associated with basalt. Temperature regime is frigid; moisture regime is xeric. (cool moist climate) Textures are dominantly loams and silt loams or silty clay loams. ... Key 7 – Snake River Mountain Foothills LRU

b) Not as above

(1) Snake River Warm Plains LRU. Located between Oregon's Blue and Wallowa Mountains and the northwestern Snake River Plain. Characterized by soils on hills and

mountains associated with basalt and exposed tuffaceous sediments. Plants are subject to wide temperature ranges, high evapotranspiration, and high early-season moisture stress. Temperature regime is mesic and the moisture regime is aridic. Mean annual precipitation is 9 to 12 inches. (warm dry) ... Key 8 – Snake River Warm Plains LRU