

# Major Land Resource Area 049X

## Southern Rocky Mountain Foothills

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### Ecological site group keys

#### MLRA 49

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##### I. Additional water

- A. Perennial water ... 049XESG08 – Riparian
- B. Ephemeral water
  - 1 Subsurface EC >4 ... 049XESG09 – Saline Bottoms
  - 2 Subsurface EC <4 ... 049XESG12 – Sandy Bottoms

##### II. Uplands

- A. >75% bedrock outcrop ... 049XESG07 – Outcrops
- B. <75% bedrock outcrop
  - 1 Surface SAR >8 ... 049XESG10 – Saline Hills
  - 2 Surface SAR <8
    - i. Gypsum >5% surface or >10% subsurface ... 049XESG05 – Gypsum
    - ii. Gypsum <5% surface and <10% subsurface
      - a. Subsurface EC >8 or surface EC >4 ... 049XESG10 – Saline Hills
      - b. Subsurface EC <8 and surface EC <4
        - 1) EC >1.5 surface or >2 subsurface ... 049XESG11 – Saline Uplands
        - 2) EC <1.5 surface and <2 subsurface
          - a) Slope >35% & >40% surface rock ... 049XESG01 – Breaks
          - b) Slope <35% or <40% surface rock
            - (1) Depth <30cm ... 049XESG15 – Very Shallow
            - (2) Depth: 30-55cm ... 049XESG14 – Shallow
            - (3) Depth >55cm
              - (a) Rock >30% surface or >30% subsurface ... 049XESG03 – Deep Rocky
              - (b) Rock <30% surface and <30% subsurface
                - (1) clay >30% surface or >35% subsurface ... 049XESG02 – Clay Uplands
                - (2) Clay <30% surface and <35% subsurface
                  - (a) Sand >75% or texture is loamy sand or sandier in surface & subsurface ... 049XESG13 – Sandy Uplands
                  - (b) Sand <75% and texture is sandy loam or finer in surface & subsurface
                    - (1) Clay <20% or texture is sandy loam or sandier in surface ... 049XESG06 – Loamy Uplands
                    - (2) Clay >20% and texture is finer than sandy loam in surface ... 049XESG04 – Finer Uplands