Major Land Resource Area 047X
Wasatch and Uinta Mountains

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Ecological site group keys

MLRA 47

I. Additional water
- A. Perennial water ... 047XESG08 – Riparian
- B. Ephemeral water
  - 1 Subsurface EC >4 ... 047XESG09 – Saline Bottoms
  - 2 Subsurface EC <4
    - i. Sand >50% & Clay <25% for surface and subsurface ... 047XESG12 – Sandy Bottoms
    - ii. Sand <50% or Clay >25% for surface and subsurface ... 047XESG01 – Bottoms

II. Uplands
- A. >75% bedrock outcrop ... 047XESG07 – Outcrops
- B. <75% bedrock outcrop
  - 1 Surface SAR >8 or Subsurface EC >8 or Surface EC >4 ... 047XESG10 – Saline Hills
  - 2 Surface SAR <8 and Subsurface EC <8 and Surface EC <4
    - i. EC >1.5 surface or >2 subsurface ... 047XESG11 – Saline Uplands
    - ii. EC <1.5 surface and <2 subsurface
      - a. Slope >35% & >40% surface rock ... 047XESG02 – Breaks
      - b. Slope <35% or <40% surface rock
        - 1) Depth <30cm ... 047XESG15 – Very Shallow
        - 2) Depth: 30-55cm ... 047XESG14 – Shallow
        - 3) Depth >55cm
          - a) Rock >30% surface or >30% subsurface ... 047XESG04 – Deep Rocky
          - b) Rock <30% surface and <30% subsurface
            - (1) Clay >30% surface or >35% subsurface ... 047XESG03 – Clay Uplands
            - (2) Clay <30% surface and <35% subsurface
              - (a) Sand >75% or texture is Loamy Sand or sandier in surface & subsurface ... 047XESG13 – Sandy Uplands
              - (b) Sand <75% or texture is Sandy Loam or finer in surface & subsurface
                - (1) Clay <20% or texture is Sandy Loam or sandier in surface ... 047XESG06 – Loamy Uplands
                - (2) Clay >20% or texture is Loam or finer in surface ... 047XESG05 – Finer Uplands