

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