

Major Land Resource Area 049X Southern Rocky Mountain Foothills

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Ecological site group keys

MLRA 49

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