

Major Land Resource Area 048A

Southern Rocky Mountains

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Ecological site group keys

MLRA 48A ESGs - Travis strawman

I. Additional water

A. Perennial water - 109 soil components ... ESG048A17 – Riparian

B. Ephemeral water

1 Subsurface EC >4 - 28 soil components ... ESG048A18 – Saline Bottoms

2 Subsurface EC <4

i. Sand >50% & Clay <25% for surface and subsurface - 9 soil components ... ESG048A19 – Sandy Bottoms

ii. Sand <50% & Clay >25% for surface and subsurface - 89 soil components ... ESG048A20 – Bottoms

II. Uplands

A. >75% bedrock outcrop - 527 soil components ... ESG048A21 – Outcrops

B. <75% bedrock outcrop

1 Surface SAR >8, or Subsurface EC >8, or Surface EC >4 - 93 soil components ... ESG048A22 – Saline Hills

2 Surface SAR <8, or Subsurface EC <8, or Surface EC <4

i. Gypsum >5% surface or >10% subsurface - 27 soil components ... ESG048A23 – Gypsum

ii. Gypsum <5% surface and <10% subsurface

a. EC >1.5 surface or >2 subsurface - 42 soil components ... ESG048A24 – Saline Uplands

b. EC <1.5 surface or <2 subsurface

1) slope >35% & >40% surface rock - 34 soil components ... ESG048A25 – Breaks

2) slope <35% or <40% surface rock

a) Depth <30cm - 1211 soil components ... ESG048A26 – Very Shallow

b) depth: 30-55cm - 717 soil components ... ESG048A27 – Shallow

c) depth >55cm

(1) Rock >30% surface or >30% subsurface - 628 soil components ... ESG048A28 – Deep Rocky

(2) Rock <30% surface and <30% subsurface

(a) Clay >30% surface or >35% subsurface - 655 soil components ... ESG048A29 – Clay Uplands

(b) Clay <30% surface and <35% subsurface

(1) sand >75% or texture is Loamy Sand or sandier in surface & subsurface - 21 soil components ... ESG048A30 – Sandy Uplands

(2) sand <75% or texture is Loamy Fine Sand or finer in surface & subsurface

(a) Clay <20% or texture is Sandy Loam or sandier in surface - 993 soil components ... ESG048A31 – Loamy Uplands

(b) Clay >20% or texture is Fine Sandy Loam or finer in surface - 977 soil

components ... ESG048A32 – Finer Uplands