

Major Land Resource Area 044B Central Rocky Mountain Valleys

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Ecological site group keys

MLRA 44B

I. Additional water

A. Perennial water ... 044BESG08 – Riparian

B. Ephemeral water

1 Subsurface EC>4 ... 044BESG09 – Saline Bottoms

2 Subsurface EC<4

i. Sand >50% & clay <25% for surface and subsurface ... 044BESG12 – Sandy Bottoms

ii. Sand <50% or clay >25% for surface and subsurface ... 044BESG01 – Bottoms

II. Uplands

A. >75% bedrock outcrop ... 044BESG07 – Outcrops

B. <75% bedrock outcrop

1 Surface SAR>8 or subsurface EC>8 or surface EC>4 ... 044BESG10 – Saline Hills

2 Surface SAR<8 and subsurface EC<8 and surface EC<4

i. EC>1.5 surface or >2 subsurface ... 044BESG11 – Saline Uplands

ii. EC <1.5 surface and <2 subsurface

a. Slope >35% & >40% surface rock ... 044BESG02 – Breaks

b. Slope <35% or <40% surface rock

1) Depth <30cm ... 044BESG15 – Very Shallow

2) Depth: 30-55cm ... 044BESG14 – Shallow

3) Depth >55cm

a) Rock >30% surface or >30% subsurface ... 044BESG04 – Deep Rocky

b) Rock <30% surface and <30% subsurface

(1) Clay >30% surface or >35% subsurface ... 044BESG03 – Clay Uplands

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

(a) Sand >75% or texture is loamy sand or sandier in surface & subsurface ... 044BESG13 –
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 ... 044BESG06 – Loamy Uplands

(2) Clay >20% or texture is finer than sandy loam in surface ... 044BESG05 – Finer Uplands