

Major Land Resource Area 038X

Mogollon Transition South

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Ecological site group keys

MLRA 38

I. Additional water

A. [Criteria] ... 038XESG09 – Riparian

B. Ephemeral water

1 Sand >50% & Clay <25% for surface and subsurface ... 038XESG12 – Sandy Bottoms

2 Sand <50% & Clay >25% for surface and subsurface ... 038XESG01 – Bottoms

II. Uplands

A. >75% bedrock outcrop ... 038XESG08 – Outcrops

B. <75% bedrock outcrop

1 Surface SAR >8, or Subsurface EC>8, or Surface EC >4 ... 038XESG10 – Saline Hills

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

i. Gypsum >5% surface or >10% subsurface ... 038XESG06 – Gypsum

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

a. EC >1.5 surface or >2 subsurface ... 038XESG11 – Saline Uplands

b. EC <1.5 surface and <2 subsurface

1) slope >35% & >40% surface rock ... 038XESG02 – Breaks

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

a) depth <30cm ... 038XESG15 – Very Shallow

b) depth: 30-55cm ... 038XESG14 – Shallow

c) depth >55cm

(1) rock >30% surface or >30% subsurface ... 038XESG04 – Deep Rocky

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

(a) clay >30% surface or >35% subsurface ... 038XESG03 – Clay Uplands

(b) clay <30% surface or <35% subsurface

(1) sand >75% or texture is Loamy Sand or sandier in surface & subsurface ...
038XESG13 – 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 ... 038XESG07 –
Loamy Uplands

(b) clay >20% or texture is Fine Sandy Loam or finer in surface ... 038XESG05 –
Finer Uplands